

# ТАМБОВСКАЯ ОБЛАСТЬ

## ЗАКОН

**О преобразовании муниципальных образований путем объединения Цнинского сельсовета Тамбовского района Тамбовской области, Бокинского сельсовета Тамбовского района Тамбовской области, Покрово-Пригородного сельсовета Тамбовского района Тамбовской области с городским округом - город Тамбов и о внесении изменений в отдельные законодательные акты Тамбовской области**

Принят Тамбовской областной Думой

23 декабря 2022 года

### Статья 1

1. Преобразовать муниципальные образования путем объединения Цнинского сельсовета Тамбовского района Тамбовской области, Бокинского сельсовета Тамбовского района Тамбовской области, Покрово-Пригородного сельсовета Тамбовского района Тамбовской области с городским округом - город Тамбов.

2. Преобразование Цнинского сельсовета Тамбовского района Тамбовской области, Бокинского сельсовета Тамбовского района Тамбовской области, Покрово-Пригородного сельсовета Тамбовского района Тамбовской области осуществляется с сохранением статуса сельских населенных пунктов, находящихся на территории указанных муниципальных образований.

### Статья 2

1. Цнинский сельсовет Тамбовского района Тамбовской области, Бокинский сельсовет Тамбовского района Тамбовской области, Покрово-Пригородный сельсовет Тамбовского района Тамбовской области утрачивают

статус муниципальных образований со дня вступления в силу настоящего Закона.

2. Полномочия лиц, замещающих муниципальные должности, органов местного самоуправления Цнинского сельсовета Тамбовского района Тамбовской области, Бокинского сельсовета Тамбовского района Тамбовской области, Покрово-Пригородного сельсовета Тамбовского района Тамбовской области прекращаются со дня вступления в силу настоящего Закона.

### **Статья 3**

1. Городской округ - город Тамбов является правопреемником Цнинского сельсовета Тамбовского района Тамбовской области, Бокинского сельсовета Тамбовского района Тамбовской области, Покрово-Пригородного сельсовета Тамбовского района Тамбовской области со дня вступления в силу настоящего Закона.

2. Органы местного самоуправления городского округа - город Тамбов в соответствии со своей компетенцией являются правопреемниками органов местного самоуправления Цнинского сельсовета Тамбовского района Тамбовской области, Бокинского сельсовета Тамбовского района Тамбовской области, Покрово-Пригородного сельсовета Тамбовского района Тамбовской области в отношениях с органами государственной власти Российской Федерации, органами государственной власти Тамбовской области, органами местного самоуправления, физическими и юридическими лицами со дня вступления в силу настоящего Закона. Вопросы правопреемства подлежат урегулированию муниципальными правовыми актами городского округа - город Тамбов.

3. До урегулирования муниципальными правовыми актами городского округа - город Тамбов вопросов правопреемства в отношении муниципальных учреждений, предприятий и организаций, ранее созданных органами местного самоуправления Цнинского сельсовета Тамбовского района Тамбовской области, Бокинского сельсовета Тамбовского района Тамбовской области, Покрово-Пригородного сельсовета Тамбовского района Тамбовской области, которые на день вступления в силу настоящего Закона осуществляли полномочия по решению вопросов местного значения на соответствующей территории, или с их участием, соответствующие муниципальные учреждения, предприятия и организации продолжают осуществлять свою деятельность с сохранением их прежней организационно-правовой формы.

Изменения в учредительные документы учреждений, предприятий, а также в учредительные и другие документы иных организаций в связи с переходом права собственности, прав акционера (участника) хозяйственных обществ, иных прав и обязанностей к городскому округу - город Тамбов вносятся в порядке, установленном законодательством Российской Федерации.

## **Статья 4**

1. Устав города Тамбова подлежит приведению в соответствие с настоящим Законом в течение трех месяцев со дня вступления в силу настоящего Закона.

2. Со дня вступления в силу настоящего Закона муниципальные правовые акты, принятые органами местного самоуправления Цнинского сельсовета Тамбовского района Тамбовской области, Бокинского сельсовета Тамбовского района Тамбовской области, Покрово-Пригородного сельсовета Тамбовского района Тамбовской области, действуют в части, не противоречащей федеральным законам и иным нормативным правовым актам Российской Федерации, Уставу (Основному Закону) Тамбовской области Российской Федерации, законам и иным нормативным правовым актам Тамбовской области, а также муниципальным правовым актам городского округа - город Тамбов, за исключением случаев, установленных частями 3, 4 настоящей статьи.

3. Муниципальные правовые акты Цнинского сельсовета Тамбовского района Тамбовской области, Бокинского сельсовета Тамбовского района Тамбовской области, Покрово-Пригородного сельсовета Тамбовского района Тамбовской области, регулирующие вопросы оплаты труда в органах местного самоуправления указанных сельсоветов, муниципальных учреждениях и предприятиях, расположенных на территориях указанных сельсоветов, применяются до признания их утратившими силу органами местного самоуправления городского округа - город Тамбов.

4. Генеральные планы и правила землепользования и застройки Цнинского сельсовета Тамбовского района Тамбовской области, Бокинского сельсовета Тамбовского района Тамбовской области, Покрово-Пригородного сельсовета Тамбовского района Тамбовской области, схема территориального планирования Тамбовского района Тамбовской области в части территорий указанных сельсоветов, действующие на день вступления в силу настоящего Закона, применяются до внесения изменений в документы территориального планирования и градостроительного зонирования городского округа - город Тамбов с целью их приведения в соответствие с настоящим Законом.

## **Статья 5**

Городской округ - город Тамбов является собственником муниципального имущества Цнинского сельсовета Тамбовского района Тамбовской области, Бокинского сельсовета Тамбовского района Тамбовской области, Покрово-Пригородного сельсовета Тамбовского района Тамбовской области со дня вступления в силу настоящего Закона.

## Статья 6

1. Составление, рассмотрение и утверждение отчетов об исполнении местных бюджетов Цнинского сельсовета Тамбовского района Тамбовской области, Бокинского сельсовета Тамбовского района Тамбовской области, Покрово-Пригородного сельсовета Тамбовского района Тамбовской области за 2022 год обеспечиваются органами местного самоуправления городского округа - город Тамбов отдельно по каждому преобразованному муниципальному образованию в соответствии с бюджетным законодательством.

2. Межбюджетные отношения бюджета Тамбовской области и бюджета Тамбовского района с бюджетами Цнинского сельсовета Тамбовского района Тамбовской области, Бокинского сельсовета Тамбовского района Тамбовской области, Покрово-Пригородного сельсовета Тамбовского района Тамбовской области с 2023 года не осуществляются.

## Статья 7

Внести в Закон Тамбовской области от 20 сентября 2021 года № 661-З «Об установлении границ муниципального образования город Тамбов Тамбовской области и определении места нахождения его представительного органа и о внесении изменений в отдельные законодательные акты Тамбовской области» (Официальный интернет-портал правовой информации ([www.pravo.gov.ru](http://www.pravo.gov.ru)), 2021, 22 сентября, № 6800202109220007) следующие изменения:

1) наименование Закона изложить в следующей редакции:

**«Об установлении границ муниципального образования городского округа - город Тамбов и определении места нахождения его представительного органа и о внесении изменений в отдельные законодательные акты Тамбовской области»;**

2) в преамбуле слова «муниципального образования город Тамбов Тамбовской области» заменить словами «муниципального образования городского округа - город Тамбов»;

3) в статье 1 слова «муниципального образования - город Тамбов Тамбовской области» заменить словами «муниципального образования городского округа - город Тамбов»;

4) статью 2 изложить в следующей редакции:

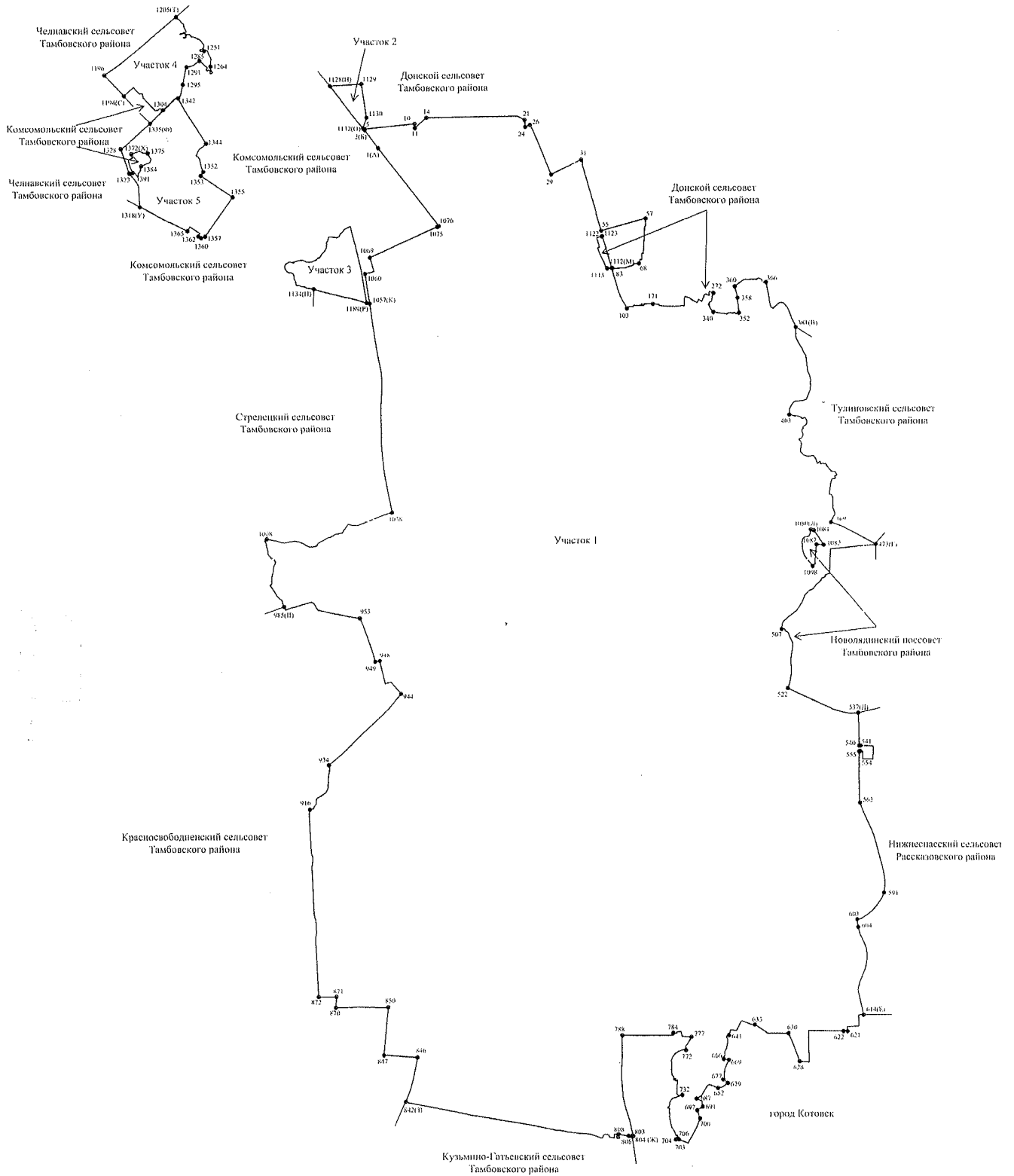
**«Статья 2**

В границы муниципального образования городского округа - город Тамбов входят населенные пункты: г. Тамбов, пос. Первомайский, пос. Строитель, с. Бокино, д. Лужки, пос. Тригуляй, д. Перикса, с. Покрово-Пригородное.»;

5) приложение 1 изложить в следующей редакции:

«Приложение 1  
к Закону Тамбовской области  
«Об установлении границ муниципального образования городского округа - город Тамбов и определении места нахождения его представительного органа и о внесении изменений в отдельные законодательные акты Тамбовской области»

**Схема границ  
муниципального образования  
городского округа - город Тамбов**



**Описание границ  
муниципального образования  
городского округа - город Тамбов**

Участок 1

**I. Участок границы с муниципальным образованием - Комсомольский сельсовет Тамбовского района Тамбовской области (от А до Б).**

Граница с муниципальным образованием - Комсомольский сельсовет Тамбовского района Тамбовской области проходит:

- от т. 1(А) до т. 2(Б) по северо-восточной стороне ул. Мичуринской до восточной стороны автодороги «Тамбов - Пенза».

**II. Участок границы с муниципальным образованием - Донской сельсовет Тамбовского района Тамбовской области (от Б до В).**

Граница с муниципальным образованием - Донской сельсовет Тамбовского района Тамбовской области проходит:

- от т. 2(Б) до т. 5 вдоль восточной стороны автодороги «Тамбов - Пенза»;
- от т. 5 до т. 10 вдоль южной стороны лесополосы;
- от т. 10 до т. 11 на юг вдоль древесно-кустарниковой растительности;
- от т. 11 до т. 14 на северо-восток вдоль земельного участка акционерного общества Племенного завода «Пригородный»;
- от т. 14 до т. 21 на восток по проселочной дороге, огибая микрорайон «Майский», до лесополосы;
- от т. 21 до т. 24 на юг по западной стороне лесополосы;
- от т. 24 до т. 26 на северо-восток по южной стороне лесополосы;
- от т. 26 до т. 29 в общем юго-восточном направлении по проселочной дороге вдоль лесополосы;
- от т. 29 до т. 31 на северо-восток вдоль строящейся автодороги;
- от т. 31 до т. 55 на юго-восток вдоль восточной стороны строящейся автодороги;
- от т. 55 до 57 на северо-восток по земельному участку акционерного общества Племенного завода «Пригородный»;
- от т. 57 до т. 68 в общем южном направлении по границе земельных участков, предназначенных для жилищного строительства;
- от т. 68 до т. 83 в общем западном направлении по границе земельных участков, предназначенных для жилищного строительства;
- от т. 83 до т. 103 по границе д. Красенькая, по восточной стороне бордюрного камня по проезжей части ул. Советской до крайней усадьбы д. Красенькая;
- от т. 103 до т. 171 по границе д. Красенькая, по забору пожарной части, по концам огородов и фасадам домов приусадебных участков по ул. Октябрьской д. Красенькая, по забору акционерного общества «Тамола», акционерного общества «Гальванотехника», по забору школы глухонемых;

- от т. 171 до т. 272 по границе д. Красенькая, по заборам приусадебных участков;
- от т. 272 до т. 340 по границе с. Донское, по заборам приусадебных участков;
- от т. 340 до т. 352 по границе с. Донское, по землям гаражно-строительного кооператива «Тепличный» и гаражно-строительного кооператива «Донской»;
- от т. 352 до т. 358 по границе с. Донское, по землям филиала «Тамбовские семена», далее по забору базы завода «Электроприбор»;
- от т. 358 до т. 360 по границе с. Донское, по землям акционерного общества «Тамбовэнерго»-Тамбовская ТЭЦ (по подошве дамбы золоотвалов Тамбовской ТЭЦ);
- от т. 360 до т. 366 по границе с. Донское, затем по землям акционерного общества «Тамбовэнерго»-Тамбовская ТЭЦ (по подошве дамбы золоотвалов Тамбовской ТЭЦ);
- от т. 366 до т. 381(В) по середине реки Цна.

### **III. Участок границы с муниципальным образованием - Тулиновский сельсовет Тамбовского района Тамбовской области (от В до Г).**

Граница с муниципальным образованием - Тулиновский сельсовет Тамбовского района Тамбовской области проходит:

- от т. 381(В) до т. 403 по середине реки Цна;
- от т. 403 до т. 469 по западной стороне лесных кварталов № 38, 56, 68, 69, 76, 87 Пригородного лесничества Тамбовского лесхоза;
- от т. 469 до т. 473(Г) по южной стороне полосы отвода автомобильной дороги «Тамбов-Пенза».

### **IV. Участок границы с муниципальным образованием - Новолядинский поссовет Тамбовского района Тамбовской области (от Г до Д).**

Граница с муниципальным образованием - Новолядинский поссовет Тамбовского района Тамбовской области проходит:

- от т. 473(Г) до т. 507 по южной стороне квартала № 98 Пригородного лесничества до пересечения с полосой отвода автомобильной дороги «Тамбов-Пенза», далее по западной стороне квартала № 98 Пригородного лесничества Тамбовского лесхоза, затем, разделяя земли Тамбовского лесхоза и города, далее по середине реки Цна;
- от т. 507 до т. 522 по правому берегу реки Цна;
- от т. 522 до т. 537(Д) по южной стороне полосы отвода железной дороги.

### **V. Участок границы с муниципальным образованием - Нижнеспасский сельсовет Рассказовского района Тамбовской области (от Д до Е).**

Граница с муниципальным образованием - Нижнеспасский сельсовет Рассказовского района Тамбовской области проходит:

- от т. 537(Д) до т. 540 по западной стороне автодороги;
- от т. 540 до т. 541 пересекая автодорогу;
- от т. 541 до т. 554 по границе приусадебных земель н.п. Тригуляй;

- от т. 554 до т. 555 пересекая автодорогу;
- от т. 555 до т. 563 по западной стороне автодороги;
- от т. 563 до т. 591 по юго-западной стороне автодороги;
- от т. 591 до т. 603 по северо-западной стороне автодороги;
- от т. 603 до т. 604 пересекая автодорогу;
- от т. 604 до т. 614(Е) по границе лесного массива.

#### **VI. Участок границы с муниципальным образованием - город Котовск Тамбовской области (от Е до Ж).**

Граница с муниципальным образованием - город Котовск Тамбовской области проходит:

- от т. 614(Е) до т. 621 по границе лесных кварталов Котовского лесничества Степного лесхоза, входящими в состав муниципального образования Бокинский сельсовет Тамбовского района;
- от т. 621 до т. 622 пересекая полосу автодороги «Тамбов - Пенза - Котовск»;
- от т. 622 до т. 628 по границе лесных кварталов Котовского лесничества Степного лесхоза;
- от т. 628 до т. 630 по границе очистных сооружений проходит до южной границы лесного квартала 12 (42);
- от т. 630 до т. 633 по северной стороне очистных сооружений и по насыпи с южной стороны лесного квартала 1 (39) Котовского лесничества Степного лесхоза доходит до очистных сооружений ФКП «Тамбовский пороховой завод»;
- от т. 633 до т. 641 по заболоченной местности до границы очистных сооружений г. Котовска Тамбовской области;
- от т. 641 до т. 666 по дороге между коллективными садами № 6 «Луговой» и № 9 «Приозерный»;
- от т. 666 до т. 669 по дороге;
- от т. 669 до т. 677 по дороге между коллективными садами № 6 «Луговой» и «Лесная поляна-10»;
- от т. 677 до т. 679 по берегу озера, огибает его с восточной стороны и доходит до дороги между коллективными садами № 6 «Луговой» и «Лесная поляна-10»;
- от т. 679 до т. 682 по пастбищному участку до озера;
- от т. 682 до т. 687 по середине реки Цна;
- от т. 687 до т. 691 по западной стороне периметра СНТ «Восход» до середины реки Цна;
- от т. 691 до т. 697 по дороге местного значения;
- от т. 697 до т. 700 по ручью;
- от т. 700 до т. 703 по восточной стороне СНТ «Орбита»;
- от т. 703 до т. 704 по дороге местного значения;
- от т. 704 до т. 706 по дороге местного значения;
- от т. 706 до т. 732 по западному берегу заболоченной местности;
- от т. 732 до т. 772 по западному берегу реки Цна;



- от т. 772 до т. 777 по старому руслу реки Цна;
- от т. 777 до т. 784 по южной стороне периметра очистных сооружений до старого русла реки Цна;
- от т. 784 до т. 788 по полю, до границы очистных сооружений;
- от т. 788 до т. 803 по восточной стороне лесополосы;
- от т. 803 до т. 804(Ж) по дороге местного значения.

**VII. Участок границы с муниципальным образованием - Кузьмино-Гатьевский сельсовет Тамбовского района Тамбовской области (от Ж до З).**

Граница с муниципальным образованием - Кузьмино-Гатьевский сельсовет Тамбовского района Тамбовской области проходит:

- от т. 804(Ж) до т. 806 пересекает полосу отвода а/д «Тамбов - Котовск - Кузьмино-Гать»;
- от т. 806 до т. 808 пересекает полосу отвода ж/д «Тамбов - Обловка» до полосы отвода а/д «Тамбов - Котовск - Кузьмино-Гать»;
- от т. 808 до т. 842(З) по границе пахотных угодий, затем по южной стороне лесополосы, далее по меже нарушенных земель и пастбищного участка и доходит до полосы отвода ж/д «Тамбов - Обловка».

**VIII. Участок границы с муниципальным образованием - Красносвободненский сельсовет Тамбовского района Тамбовской области (от З до И).**

Граница с муниципальным образованием - Красносвободненский сельсовет Тамбовского района Тамбовской области проходит:

- от т. 842(З) до т. 846 по западной стороне лесополосы;
- от т. 846 до т. 847 по меже;
- от 847 до т. 850 по восточной стороне Татарского вала;
- от т. 850 до т. 870 по северной стороне лесополосы;
- от т. 870 до т. 871 по восточной стороне лесополосы, затем по меже;
- от т. 871 до т. 872 по меже пахотных угодий;
- от т. 872 до т. 916 по восточной стороне полосы отвода автодороги «Каспий»;
- от т. 916 до т. 934 по пересыхающему ручью, пересекая полосу отвода автодороги «Воронеж - Тамбов»;
- от т. 934 до т. 944 по юго-восточной стороне лесополосы;
- от т. 944 до т. 948 по меже, далее по южной стороне лесной полосы, по западной стороне лесной полосы, затем по меже пахотных угодий;
- от т. 948 до т. 949 по меже;
- от т. 949 до т. 953 по восточной стороне лесополосы, затем по меже пахотных угодий;
- от т. 953 до т. 985(И) по меже пахотных угодий, далее по пастбищному участку, затем по северной стороне садово-огороднического товарищества «Звездочка», далее по середине реки Большая Липовица.

**IX. Участок границы с муниципальным образованием - Стрелецкий сельсовет Тамбовского района Тамбовской области (от И до К).**

Граница с муниципальным образованием - Стрелецкий сельсовет Тамбовского района Тамбовской области проходит:

- от т. 985(И) до т. 1008 по середине реки Большая Липовица;
- от т. 1008 до т. 1038 по тальвегу оврага;
- от т. 1038 до т. 1057(К) по меже, далее по восточной стороне Татарского вала, пересекая полосу отвода железной дороги «Москва-Саратов».

**X. Участок границы с муниципальным образованием - Комсомольский сельсовет Тамбовского района Тамбовской области (от К до А).**

Граница с муниципальным образованием - Комсомольский сельсовет Тамбовского района Тамбовской области проходит:

- от т. 1057(К) до т. 1060 от полосы отвода железной дороги по восточной стороне Татарского вала;
- от т. 1060 до т. 1069 по забору областной психиатрической больницы;
- от т. 1069 до т. 1075 с северной стороны автодороги, огибает мкр. «Радужный»;
- от т. 1075 до т. 1076 пересекает автодорогу;
- от т. 1076 до т. 1(А) по восточной стороне полосы отвода автомобильной дороги «Тамбов-Лысые Горы-Каспий-Сосновка».

**XI. Участок границы с муниципальным образованием - Новолядинский поссовет Тамбовского района Тамбовской области (от Л до Л).**

Граница с муниципальным образованием - Новолядинский поссовет Тамбовского района Тамбовской области проходит:

- от т. 1080(Л) до т. 1081 по границе земель Тамбовского лесхоза;
- от т. 1081 до т. 1082 по южной бровке асфальтированной дороги на дом отдыха «Турист»;
- от т. 1082 до т. 1087 по границе земель Тамбовского лесхоза в районе Пригородного леса;
- от т. 1087 до т. 1098 по западной стороне ограды школы лесников, по забору детского оздоровительного лагеря «Чайка», детского дома № 6;
- от т. 1098 до т. 1080(Л) по середине реки Цна.

**XII. Участок границы с муниципальным образованием - Донской сельсовет Тамбовского района Тамбовской области (от М до М).**

Граница с муниципальным образованием - Донской сельсовет Тамбовского района Тамбовской области проходит:

- от т. 1112(М) до т. 1113 по границе г. Тамбова;
- от т. 1113 до т. 1122 в северо-западном, меняя направление на северо-восток, по границе земельных участков, предназначенных для жилищного строительства;
- от т. 1122 до т. 1123 на северо-восток, пересекая пустырь;

- от т. 1123 до т. 1112(М) на юго-восток по восточной стороне автодороги.

Участок 2

**XIII. Участок границы с муниципальным образованием - Донской сельсовет Тамбовского района Тамбовской области (от Н до О).**

Граница с муниципальным образованием - Донской сельсовет Тамбовского района Тамбовской области проходит:

- от т. 1128(Н) до т. 1129 по южной стороне лесной полосы;

- от т. 1129 до т. 1130 по подошве обваловки городской свалки с восточной стороны;

- от т. 1130 до т. 1132(О) по подошве обваловки городской свалки с юго-восточной стороны.

**XIV. Участок с муниципальным образованием - Комсомольский сельсовет Тамбовского района Тамбовской области (от О до Н).**

Граница с муниципальным образованием - Комсомольский сельсовет Тамбовского района Тамбовской области проходит:

- от т. 1132(О) до т. 1128(Н) по восточной стороне полосы отвода автомобильной дороги «Тамбов-Лысые Горы-Каспий-Сосновка».

Участок 3

**XV. Участок с муниципальным образованием - Комсомольский сельсовет Тамбовского района Тамбовской области (от П до Р).**

Граница с муниципальным образованием - Комсомольский сельсовет Тамбовского района Тамбовской области проходит:

- от т. 1134(П) до т. 1189(Р) по границе г. Тамбова (земли областной психиатрической больницы).

**XVI. Участок границы с муниципальным образованием - Стрелецкий сельсовет Тамбовского района Тамбовской области (от Р до П).**

Граница с муниципальным образованием - Стрелецкий сельсовет Тамбовского района Тамбовской области проходит:

- от т. 1189(Р) до т. 1134(П) по юго-западной стороне полосы отвода железной дороги «Москва-Саратов».

Участок 4

**XVII. Участок границы с муниципальным образованием - Челнавский сельсовет Тамбовского района Тамбовской области (от С до Т).**

Граница с муниципальным образованием - Челнавский сельсовет Тамбовского района Тамбовской области проходит:

- от т. 1194(С) до т. 1196 по юго-западной стороне лесополосы;

- от т. 1196 до т. 1205(Т) по юго-восточной стороне лесополосы.

**XVIII. Участок границы с муниципальным образованием - Комсомольский сельсовет Тамбовского района Тамбовской области (от Т до С).**

Граница с муниципальным образованием - Комсомольский сельсовет Тамбовского района Тамбовской области проходит:

- от т. 1205(Т) до т. 1251 по восточному краю балки вдоль пруда;
- от т. 1251 до т. 1264 по полевой дороге;
- от т. 1264 до т. 1285 по границе дачных участков;
- от т. 1285 до т. 1291 по условной границе через поле;
- от т. 1291 до т. 1295 вдоль полевой дороги;
- от т. 1295 до т. 1304 вдоль дороги с северо-западной стороны;
- от т. 1304 до т. 1194(С) по условной меже через поле.

Участок 5

**XIX. Участок границы с муниципальным образованием - Челнавский сельсовет Тамбовского района Тамбовской области (от У до Ф).**

Граница с муниципальным образованием - Челнавский сельсовет Тамбовского района Тамбовской области проходит:

- от т. 1318(У) до т. 1323 от полосы отвода железной дороги «Москва-Саратов» по северо-западной стороне полевой дороги;
- от т. 1323 до т. 1328 по западной стороне лесополосы, далее вдоль дороги;
- от т. 1328 до т. 1335(Ф) вдоль полевой дороги.

**XX. Участок границы с муниципальным образованием - Комсомольский сельсовет Тамбовского района Тамбовской области (от Ф до У).**

Граница с муниципальным образованием - Комсомольский сельсовет Тамбовского района Тамбовской области проходит:

- от т. 1335(Ф) до т. 1342 вдоль дороги с юго-восточной стороны;
- от т. 1342 до т. 1344 по условной меже через поле;
- от т. 1344 до т. 1352 по краю балки с юго-восточной стороны;
- от т. 1352 до т. 1353 по полевой дороге;
- от т. 1353 до т. 1355 по условной меже через поле;
- от т. 1355 до т. 1357 вдоль лесополосы;
- от т. 1357 до т. 1360 по полевой дороге;
- от т. 1360 до т. 1362 по северо-восточной стороне полосы отвода железной дороги «Москва-Саратов»;
- от т. 1362 до т. 1365 по полевой дороге;
- от т. 1365 до т. 1318(У) по северо-восточной стороне полосы отвода железной дороги «Москва-Саратов».

**XXI. Участок границы с муниципальным образованием - Комсомольский сельсовет Тамбовского района Тамбовской области (от Х до Х).**

Граница с муниципальным образованием - Комсомольский сельсовет Тамбовского района Тамбовской области проходит:

- от т. 1372(X) до т. 1375 по полевой дороге вдоль лесополосы;
- от т. 1375 до т. 1384 по полевой дороге по краю пашни;
- от т. 1384 до т. 1391 по границе пахотных земель по краю балки;
- от т. 1391 до т. 1372(X) по полевой дороге по краю пашни.

**Каталог координат  
характерных точек границ муниципального образования  
городского округа - город Тамбов**

| Название<br>(номер)<br>межевого<br>знака | Дирекционные углы<br>(град. мин. сек.) | Длина линии (м) | X координата | Y координата |
|--|--|-----------------|--------------|--------------|
| 1  |  |                 | 438550.05    | 1242028.91   |
|  | 323° 30' 7"                            | 509.5           |              |              |
| 2  |  |                 | 438959.63    | 1241725.86   |
|  | 16° 58' 48"                            | 8.6             |              |              |
| 3  |  |                 | 438967.85    | 1241728.37   |
|  | 16° 55' 39"                            | 11.8            |              |              |
| 4  |  |                 | 438979.12    | 1241731.8    |
|  | 16° 55' 1"                             | 2.3             |              |              |
| 5  |  |                 | 438981.29    | 1241732.46   |
|  | 83° 33' 18"                            | 104             |              |              |
| 6  |  |                 | 438992.96    | 1241835.77   |
|  | 83° 33' 36"                            | 601.6           |              |              |
| 7  |  |                 | 439060.44    | 1242433.62   |
|  | 84° 38' 42"                            | 354.2           |              |              |
| 8  |  |                 | 439093.5     | 1242786.32   |
|  | 84° 32' 32"                            | 50.3            |              |              |
| 9  |  |                 | 439098.28    | 1242836.35   |
|  | 84° 8' 45"                             | 14.3            |              |              |
| 10                                       |  |                 | 439099.74    | 1242850.59   |
|  | 177° 6' 26"                            | 94.9            |              |              |
| 11                                       |  |                 | 439004.94    | 1242855.38   |
|  | 46° 38' 11"                            | 0.2             |              |              |
| 12                                       |  |                 | 439005.11    | 1242855.56   |
|  | 47° 58' 55"                            | 8.3             |              |              |
| 13                                       |  |                 | 439010.66    | 1242861.72   |
|  | 47° 59' 20"                            | 347.3           |              |              |
| 14                                       |  |                 | 439243.08    | 1243119.75   |
|  | 89° 9' 26"                             | 365.8           |              |              |
| 15                                       |  |                 | 439248.46    | 1243485.55   |
|  | 89° 9' 17"                             | 19.7            |              |              |
| 16                                       |  |                 | 439248.75    | 1243505.21   |
|  | 89° 9' 32"                             | 74.3            |              |              |
| 17                                       |  |                 | 439249.84    | 1243579.47   |
|  | 89° 9' 24"                             | 300.3           |              |              |
| 18                                       |  |                 | 439254.26    | 1243879.75   |
|  | 89° 9' 21"                             | 16.3            |              |              |
| 19                                       |  |                 | 439254.5     | 1243896.04   |
|  | 89° 9' 23"                             | 1 269.1         |              |              |
| 20                                       |  |                 | 439273.18    | 1245164.99   |
|  | 119° 44' 47"                           | 179.9           |              |              |
| 21                                       |  |                 | 439183.9     | 1245321.22   |
|  | 175° 15' 17"                           | 23.1            |              |              |
| 22                                       |  |                 | 439160.89    | 1245323.13   |
|  | 175° 15' 59"                           | 120.3           |              |              |

|    |              |         |           |            |
|----|--------------|---------|-----------|------------|
| 23 |              |         | 439040.97 | 1245333.06 |
|    | 175° 15' 42" | 15      |           |            |
| 24 |              |         | 439026.01 | 1245334.3  |
|    | 67° 55' 21"  | 27.4    |           |            |
| 25 |              |         | 439036.3  | 1245359.67 |
|    | 67° 55' 11"  | 82.5    |           |            |
| 26 |              |         | 439067.3  | 1245436.09 |
|    | 119° 27' 54" | 14      |           |            |
| 27 |              |         | 439060.43 | 1245448.25 |
|    | 155° 42' 3"  | 191.6   |           |            |
| 28 |              |         | 438885.81 | 1245527.09 |
|    | 157° 20' 41" | 1 019.0 |           |            |
| 29 |              |         | 437945.39 | 1245919.61 |
|    | 64° 0' 38"   | 721.3   |           |            |
| 30 |              |         | 438261.45 | 1246567.94 |
|    | 64° 0' 54"   | 34.4    |           |            |
| 31 |              |         | 438276.54 | 1246598.9  |
|    | 164° 47' 28" | 33.7    |           |            |
| 32 |              |         | 438244.06 | 1246607.73 |
|    | 133° 29' 15" | 17.7    |           |            |
| 33 |              |         | 438231.89 | 1246620.56 |
|    | 94° 2' 55"   | 16.6    |           |            |
| 34 |              |         | 438230.72 | 1246637.09 |
|    | 180° 43' 27" | 24.5    |           |            |
| 35 |              |         | 438206.2  | 1246636.78 |
|    | 208° 50' 17" | 16.5    |           |            |
| 36 |              |         | 438191.78 | 1246628.84 |
|    | 184° 45' 55" | 27.1    |           |            |
| 37 |              |         | 438164.79 | 1246626.59 |
|    | 165° 14' 19" | 47.5    |           |            |
| 38 |              |         | 438118.83 | 1246638.7  |
|    | 164° 7' 19"  | 91.1    |           |            |
| 39 |              |         | 438031.22 | 1246663.62 |
|    | 163° 27' 0"  | 62.9    |           |            |
| 40 |              |         | 437970.95 | 1246681.53 |
|    | 163° 27' 6"  | 79.2    |           |            |
| 41 |              |         | 437894.99 | 1246704.1  |
|    | 163° 47' 50" | 88.1    |           |            |
| 42 |              |         | 437810.4  | 1246728.68 |
|    | 163° 47' 24" | 87.5    |           |            |
| 43 |              |         | 437726.4  | 1246753.1  |
|    | 163° 46' 38" | 73.8    |           |            |
| 44 |              |         | 437655.53 | 1246773.72 |
|    | 163° 46' 17" | 81.7    |           |            |
| 45 |              |         | 437577.06 | 1246796.56 |
|    | 163° 25' 9"  | 80.6    |           |            |
| 46 |              |         | 437499.78 | 1246819.57 |
|    | 163° 32' 27" | 76.8    |           |            |
| 47 |              |         | 437426.16 | 1246841.32 |
|    | 163° 13' 32" | 73      |           |            |
| 48 |              |         | 437356.26 | 1246862.39 |
|    | 163° 8' 14"  | 72.3    |           |            |
| 49 |              |         | 437287.11 | 1246883.35 |
|    | 163° 23' 59" | 107     |           |            |
| 50 |              |         | 437184.6  | 1246913.91 |
|    | 162° 43' 37" | 63.1    |           |            |
| 51 |              |         | 437124.3  | 1246932.66 |
|    | 162° 43' 28" | 30      |           |            |
| 52 |              |         | 437095.65 | 1246941.57 |
|    | 162° 47' 25" | 1.2     |           |            |

|    |              |         |           |            |
|----|--------------|---------|-----------|------------|
| 53 |              |         | 437094.52 | 1246941.92 |
|    | 179° 2' 29"  | 43.6    |           |            |
| 54 |              |         | 437050.89 | 1246942.65 |
|    | 162° 38' 26" | 404.4   |           |            |
| 55 |              |         | 436664.9  | 1247063.31 |
|    | 74° 16' 38"  | 1 024.9 |           |            |
| 56 |              |         | 436942.63 | 1248049.87 |
|    | 87° 20' 24"  | 12.3    |           |            |
| 57 |              |         | 436943.2  | 1248062.14 |
|    | 179° 42' 45" | 165.5   |           |            |
| 58 |              |         | 436777.73 | 1248062.97 |
|    | 222° 59' 54" | 34.6    |           |            |
| 59 |              |         | 436752.41 | 1248039.36 |
|    | 182° 28' 42" | 595.3   |           |            |
| 60 |              |         | 436157.71 | 1248013.62 |
|    | 232° 46' 10" | 8.3     |           |            |
| 61 |              |         | 436152.71 | 1248007.04 |
|    | 267° 38' 45" | 33.6    |           |            |
| 62 |              |         | 436151.33 | 1247973.47 |
|    | 178° 7' 59"  | 72.4    |           |            |
| 63 |              |         | 436078.92 | 1247975.83 |
|    | 178° 7' 3"   | 62.4    |           |            |
| 64 |              |         | 436016.54 | 1247977.88 |
|    | 273° 5' 53"  | 36.6    |           |            |
| 65 |              |         | 436018.52 | 1247941.3  |
|    | 179° 18' 53" | 61.9    |           |            |
| 66 |              |         | 435956.64 | 1247942.04 |
|    | 269° 17' 7"  | 28.1    |           |            |
| 67 |              |         | 435956.29 | 1247913.98 |
|    | 178° 42' 38" | 25.8    |           |            |
| 68 |              |         | 435930.52 | 1247914.56 |
|    | 263° 7' 48"  | 27.8    |           |            |
| 69 |              |         | 435927.19 | 1247886.92 |
|    | 268° 12' 38" | 51.9    |           |            |
| 70 |              |         | 435925.57 | 1247835.06 |
|    | 281° 41' 4"  | 24      |           |            |
| 71 |              |         | 435930.43 | 1247811.56 |
|    | 193° 29' 21" | 20.8    |           |            |
| 72 |              |         | 435910.17 | 1247806.7  |
|    | 231° 16' 54" | 23      |           |            |
| 73 |              |         | 435895.78 | 1247788.75 |
|    | 231° 14' 27" | 14.4    |           |            |
| 74 |              |         | 435886.74 | 1247777.49 |
|    | 234° 37' 11" | 2.5     |           |            |
| 75 |              |         | 435885.27 | 1247775.42 |
|    | 203° 36' 5"  | 3.5     |           |            |
| 76 |              |         | 435882.02 | 1247774    |
|    | 258° 5' 8"   | 19.5    |           |            |
| 77 |              |         | 435877.99 | 1247754.9  |
|    | 252° 23' 47" | 158.9   |           |            |
| 78 |              |         | 435829.94 | 1247603.46 |
|    | 266° 51' 48" | 163.9   |           |            |
| 79 |              |         | 435820.97 | 1247439.76 |
|    | 261° 55' 3"  | 79.9    |           |            |
| 80 |              |         | 435809.73 | 1247360.61 |
|    | 292° 23' 22" | 19.7    |           |            |
| 81 |              |         | 435817.24 | 1247342.38 |
|    | 292° 20' 50" | 9.5     |           |            |
| 82 |              |         | 435820.87 | 1247333.55 |
|    | 292° 22' 27" | 16.3    |           |            |

|     |              |       |           |            |
|-----|--------------|-------|-----------|------------|
| 83  |              |       | 435827.09 | 1247318.44 |
|     | 174° 53' 50" | 85.9  |           |            |
| 84  |              |       | 435741.53 | 1247326.08 |
|     | 164° 10' 8"  | 42.7  |           |            |
| 85  |              |       | 435700.48 | 1247337.72 |
|     | 165° 0' 10"  | 39.3  |           |            |
| 86  |              |       | 435662.48 | 1247347.9  |
|     | 163° 19' 50" | 148.2 |           |            |
| 87  |              |       | 435520.51 | 1247390.41 |
|     | 162° 54' 43" | 45.6  |           |            |
| 88  |              |       | 435476.92 | 1247403.81 |
|     | 162° 37' 18" | 139   |           |            |
| 89  |              |       | 435344.22 | 1247445.34 |
|     | 161° 43' 28" | 12.5  |           |            |
| 90  |              |       | 435332.35 | 1247449.26 |
|     | 162° 45' 51" | 46.5  |           |            |
| 91  |              |       | 435287.9  | 1247463.05 |
|     | 162° 14' 41" | 45.6  |           |            |
| 92  |              |       | 435244.49 | 1247476.95 |
|     | 158° 9' 22"  | 30.2  |           |            |
| 93  |              |       | 435216.5  | 1247488.17 |
|     | 156° 46' 23" | 24    |           |            |
| 94  |              |       | 435194.41 | 1247497.65 |
|     | 152° 47' 27" | 26.3  |           |            |
| 95  |              |       | 435171.05 | 1247509.66 |
|     | 152° 24' 3"  | 34.9  |           |            |
| 96  |              |       | 435140.08 | 1247525.85 |
|     | 149° 53' 24" | 12.7  |           |            |
| 97  |              |       | 435129.13 | 1247532.2  |
|     | 150° 56' 16" | 81.7  |           |            |
| 98  |              |       | 435057.71 | 1247571.89 |
|     | 149° 18' 54" | 17.6  |           |            |
| 99  |              |       | 435042.56 | 1247580.88 |
|     | 147° 4' 24"  | 14.6  |           |            |
| 100 |              |       | 435030.33 | 1247588.8  |
|     | 151° 38' 27" | 45.9  |           |            |
| 101 |              |       | 434989.98 | 1247610.58 |
|     | 150° 14' 9"  | 48.2  |           |            |
| 102 |              |       | 434948.1  | 1247634.53 |
|     | 151° 54' 15" | 20.3  |           |            |
| 103 |              |       | 434930.23 | 1247644.07 |
|     | 63° 9' 27"   | 22.2  |           |            |
| 104 |              |       | 434940.24 | 1247663.85 |
|     | 64° 42' 2"   | 26.1  |           |            |
| 105 |              |       | 434951.4  | 1247687.46 |
|     | 359° 30' 38" | 10.5  |           |            |
| 106 |              |       | 434961.94 | 1247687.37 |
|     | 89° 17' 31"  | 14.6  |           |            |
| 107 |              |       | 434962.12 | 1247701.94 |
|     | 89° 14' 58"  | 51.2  |           |            |
| 108 |              |       | 434962.79 | 1247753.1  |
|     | 89° 16' 44"  | 17.5  |           |            |
| 109 |              |       | 434963.01 | 1247770.58 |
|     | 2° 53' 51"   | 8.1   |           |            |
| 110 |              |       | 434971.11 | 1247770.99 |
|     | 95° 26' 6"   | 15.5  |           |            |
| 111 |              |       | 434969.64 | 1247786.44 |
|     | 16° 53' 24"  | 26.7  |           |            |
| 112 |              |       | 434995.23 | 1247794.21 |
|     | 99° 12' 3"   | 7.6   |           |            |



|     |              |      |           |            |
|-----|--------------|------|-----------|------------|
| 113 |              |      | 434994.02 | 1247801.68 |
|     | 88° 48' 1"   | 13.9 |           |            |
| 114 |              |      | 434994.31 | 1247815.53 |
|     | 187° 23' 30" | 1.9  |           |            |
| 115 |              |      | 434992.46 | 1247815.29 |
|     | 87° 12' 38"  | 8.2  |           |            |
| 116 |              |      | 434992.86 | 1247823.5  |
|     | 90° 30' 57"  | 24.4 |           |            |
| 117 |              |      | 434992.64 | 1247847.93 |
|     | 90° 42' 8"   | 33.4 |           |            |
| 118 |              |      | 434992.23 | 1247881.37 |
|     | 88° 26' 48"  | 12.5 |           |            |
| 119 |              |      | 434992.57 | 1247893.91 |
|     | 86° 59' 48"  | 19.1 |           |            |
| 120 |              |      | 434993.57 | 1247912.97 |
|     | 92° 3' 35"   | 11.4 |           |            |
| 121 |              |      | 434993.16 | 1247924.37 |
|     | 88° 41' 16"  | 34.9 |           |            |
| 122 |              |      | 434993.96 | 1247959.3  |
|     | 86° 7' 56"   | 3.6  |           |            |
| 123 |              |      | 434994.2  | 1247962.85 |
|     | 358° 57' 30" | 1.7  |           |            |
| 124 |              |      | 434995.85 | 1247962.82 |
|     | 88° 8' 37"   | 4.3  |           |            |
| 125 |              |      | 434995.99 | 1247967.14 |
|     | 348° 41' 24" | 0.1  |           |            |
| 126 |              |      | 434996.04 | 1247967.13 |
|     | 354° 50' 38" | 29.6 |           |            |
| 127 |              |      | 435025.52 | 1247964.47 |
|     | 84° 4' 41"   | 13.8 |           |            |
| 128 |              |      | 435026.94 | 1247978.16 |
|     | 174° 9' 19"  | 30.6 |           |            |
| 129 |              |      | 434996.46 | 1247981.28 |
|     | 174° 8' 38"  | 2.7  |           |            |
| 130 |              |      | 434993.73 | 1247981.56 |
|     | 90° 0' 0"    | 27   |           |            |
| 131 |              |      | 434993.73 | 1248008.6  |
|     | 89° 58' 12"  | 19.2 |           |            |
| 132 |              |      | 434993.74 | 1248027.83 |
|     | 356° 31' 22" | 17.6 |           |            |
| 133 |              |      | 435011.35 | 1248026.76 |
|     | 355° 53' 9"  | 10   |           |            |
| 134 |              |      | 435021.36 | 1248026.04 |
|     | 85° 23' 38"  | 19.9 |           |            |
| 135 |              |      | 435022.96 | 1248045.9  |
|     | 353° 31' 48" | 1    |           |            |
| 136 |              |      | 435023.93 | 1248045.79 |
|     | 354° 48' 20" | 0.7  |           |            |
| 137 |              |      | 435024.59 | 1248045.73 |
|     | 82° 8' 48"   | 10.2 |           |            |
| 138 |              |      | 435025.99 | 1248055.88 |
|     | 2° 19' 17"   | 0.7  |           |            |
| 139 |              |      | 435026.73 | 1248055.91 |
|     | 82° 2' 51"   | 13.2 |           |            |
| 140 |              |      | 435028.56 | 1248069.01 |
|     | 82° 15' 21"  | 6.1  |           |            |
| 141 |              |      | 435029.38 | 1248075.04 |
|     | 179° 19' 4"  | 2.5  |           |            |
| 142 |              |      | 435026.86 | 1248075.07 |
|     | 90° 0' 0"    | 0.4  |           |            |

|     |              |      |           |            |
|-----|--------------|------|-----------|------------|
| 143 |              |      | 435026.86 | 1248075.52 |
|     | 178° 5' 27"  | 0.3  |           |            |
| 144 |              |      | 435026.56 | 1248075.53 |
|     | 88° 3' 30"   | 1.2  |           |            |
| 145 |              |      | 435026.6  | 1248076.71 |
|     | 90° 58' 15"  | 1.2  |           |            |
| 146 |              |      | 435026.58 | 1248077.89 |
|     | 90° 0' 0"    | 0.1  |           |            |
| 147 |              |      | 435026.58 | 1248077.97 |
|     | 181° 30' 26" | 0.4  |           |            |
| 148 |              |      | 435026.2  | 1248077.96 |
|     | 90° 20' 38"  | 3.3  |           |            |
| 149 |              |      | 435026.18 | 1248081.29 |
|     | 1° 5' 28"    | 1.1  |           |            |
| 150 |              |      | 435027.23 | 1248081.31 |
|     | 85° 22' 52"  | 4.6  |           |            |
| 151 |              |      | 435027.6  | 1248085.89 |
|     | 180° 13' 55" | 2.5  |           |            |
| 152 |              |      | 435025.13 | 1248085.88 |
|     | 90° 15' 16"  | 4.5  |           |            |
| 153 |              |      | 435025.11 | 1248090.38 |
|     | 90° 0' 0"    | 2.9  |           |            |
| 154 |              |      | 435027.97 | 1248090.38 |
|     | 85° 23' 9"   | 13.7 |           |            |
| 155 |              |      | 435029.07 | 1248104.01 |
|     | 89° 8' 41"   | 0.7  |           |            |
| 156 |              |      | 435029.08 | 1248104.68 |
|     | 86° 22' 54"  | 29.8 |           |            |
| 157 |              |      | 435030.96 | 1248134.41 |
|     | 96° 27' 39"  | 10.5 |           |            |
| 158 |              |      | 435029.78 | 1248144.83 |
|     | 89° 0' 5"    | 4.6  |           |            |
| 159 |              |      | 435029.86 | 1248149.42 |
|     | 89° 1' 14"   | 1.2  |           |            |
| 160 |              |      | 435029.88 | 1248150.59 |
|     | 92° 6' 47"   | 13.3 |           |            |
| 161 |              |      | 435029.39 | 1248163.87 |
|     | 85° 43' 20"  | 8.7  |           |            |
| 162 |              |      | 435030.04 | 1248172.56 |
|     | 94° 2' 52"   | 8.6  |           |            |
| 163 |              |      | 435029.43 | 1248181.18 |
|     | 92° 42' 2"   | 1.1  |           |            |
| 164 |              |      | 435029.38 | 1248182.24 |
|     | 94° 37' 13"  | 10.3 |           |            |
| 165 |              |      | 435028.55 | 1248192.51 |
|     | 94° 15' 25"  | 10.2 |           |            |
| 166 |              |      | 435027.79 | 1248202.72 |
|     | 24° 15' 14"  | 2    |           |            |
| 167 |              |      | 435029.61 | 1248203.54 |
|     | 109° 48' 41" | 1.7  |           |            |
| 168 |              |      | 435029.03 | 1248205.15 |
|     | 93° 45' 46"  | 12.6 |           |            |
| 169 |              |      | 435028.2  | 1248217.77 |
|     | 93° 50' 55"  | 5.5  |           |            |
| 170 |              |      | 435027.83 | 1248223.27 |
|     | 100° 19' 57" | 3.7  |           |            |
| 171 |              |      | 435027.17 | 1248226.89 |
|     | 76° 11' 5"   | 1.3  |           |            |
| 172 |              |      | 435027.47 | 1248228.11 |
|     | 94° 36' 24"  | 17.3 |           |            |

|     |              |       |           |            |
|-----|--------------|-------|-----------|------------|
| 173 |              |       | 435026.08 | 1248245.36 |
|     | 95° 10' 39"  | 9.3   |           |            |
| 174 |              |       | 435025.24 | 1248254.63 |
|     | 188° 7' 48"  | 0.1   |           |            |
| 175 |              |       | 435025.17 | 1248254.62 |
|     | 93° 57' 37"  | 1.3   |           |            |
| 176 |              |       | 435025.08 | 1248255.92 |
|     | 94° 8' 28"   | 9.6   |           |            |
| 177 |              |       | 435024.39 | 1248265.45 |
|     | 94° 7' 40"   | 20.3  |           |            |
| 178 |              |       | 435022.93 | 1248285.68 |
|     | 96° 23' 32"  | 14.6  |           |            |
| 179 |              |       | 435021.31 | 1248300.14 |
|     | 96° 27' 38"  | 5.8   |           |            |
| 180 |              |       | 435020.66 | 1248305.88 |
|     | 96° 19' 59"  | 9.2   |           |            |
| 181 |              |       | 435019.65 | 1248314.98 |
|     | 4° 15' 31"   | 0.9   |           |            |
| 182 |              |       | 435020.59 | 1248315.05 |
|     | 91° 40' 34"  | 7.9   |           |            |
| 183 |              |       | 435020.36 | 1248322.91 |
|     | 181° 31' 39" | 3     |           |            |
| 184 |              |       | 435017.36 | 1248322.83 |
|     | 93° 12' 30"  | 20    |           |            |
| 185 |              |       | 435016.24 | 1248342.81 |
|     | 93° 21' 59"  | 3.4   |           |            |
| 186 |              |       | 435016.04 | 1248346.21 |
|     | 92° 51' 44"  | 0.8   |           |            |
| 187 |              |       | 435016    | 1248347.01 |
|     | 98° 42' 30"  | 4.6   |           |            |
| 188 |              |       | 435015.3  | 1248351.58 |
|     | 13° 52' 25"  | 3.4   |           |            |
| 189 |              |       | 435018.62 | 1248352.4  |
|     | 92° 17' 26"  | 10    |           |            |
| 190 |              |       | 435018.22 | 1248362.4  |
|     | 92° 14' 1"   | 11.3  |           |            |
| 191 |              |       | 435017.78 | 1248373.68 |
|     | 184° 17' 57" | 22.5  |           |            |
| 192 |              |       | 434995.3  | 1248371.99 |
|     | 105° 9' 8"   | 6.8   |           |            |
| 193 |              |       | 434993.51 | 1248378.6  |
|     | 105° 11' 7"  | 43.9  |           |            |
| 194 |              |       | 434982.01 | 1248420.97 |
|     | 105° 13' 2"  | 4     |           |            |
| 195 |              |       | 434980.96 | 1248424.83 |
|     | 92° 52' 5"   | 171.5 |           |            |
| 196 |              |       | 434972.38 | 1248596.08 |
|     | 90° 8' 19"   | 123.8 |           |            |
| 197 |              |       | 434972.08 | 1248719.87 |
|     | 90° 53' 39"  | 27.6  |           |            |
| 198 |              |       | 434971.65 | 1248747.42 |
|     | 87° 18' 58"  | 58.7  |           |            |
| 199 |              |       | 434974.4  | 1248806.09 |
|     | 73° 5' 18"   | 11.9  |           |            |
| 200 |              |       | 434977.86 | 1248817.47 |
|     | 86° 15' 12"  | 22    |           |            |
| 201 |              |       | 434979.3  | 1248839.46 |
|     | 83° 36' 57"  | 76.4  |           |            |
| 202 |              |       | 434987.79 | 1248915.34 |
|     | 85° 44' 46"  | 6.1   |           |            |

|     |              |      |           |            |
|-----|--------------|------|-----------|------------|
| 203 |              |      | 434988.24 | 1248921.39 |
|     | 90° 20' 44"  | 16.6 |           |            |
| 204 |              |      | 434988.14 | 1248937.97 |
|     | 359° 58' 36" | 74.1 |           |            |
| 205 |              |      | 435062.2  | 1248937.94 |
|     | 359° 57' 55" | 16.5 |           |            |
| 206 |              |      | 435078.73 | 1248937.93 |
|     | 0° 16' 12"   | 2.1  |           |            |
| 207 |              |      | 435080.85 | 1248937.94 |
|     | 0° 51' 50"   | 37.8 |           |            |
| 208 |              |      | 435118.64 | 1248938.51 |
|     | 0° 56' 7"    | 2.5  |           |            |
| 209 |              |      | 435121.09 | 1248938.55 |
|     | 2° 13' 41"   | 2.6  |           |            |
| 210 |              |      | 435123.66 | 1248938.65 |
|     | 2° 13' 4"    | 41.6 |           |            |
| 211 |              |      | 435165.23 | 1248940.26 |
|     | 104° 15' 21" | 4.4  |           |            |
| 212 |              |      | 435164.14 | 1248944.55 |
|     | 15° 19' 52"  | 33.1 |           |            |
| 213 |              |      | 435196.02 | 1248953.29 |
|     | 75° 55' 19"  | 3.3  |           |            |
| 214 |              |      | 435196.83 | 1248956.52 |
|     | 110° 1' 48"  | 55.1 |           |            |
| 215 |              |      | 435177.96 | 1249008.28 |
|     | 108° 16' 37" | 13.8 |           |            |
| 216 |              |      | 435173.64 | 1249021.36 |
|     | 110° 7' 23"  | 33.2 |           |            |
| 217 |              |      | 435162.23 | 1249052.5  |
|     | 128° 17' 16" | 79.9 |           |            |
| 218 |              |      | 435112.75 | 1249115.18 |
|     | 127° 32' 36" | 22.3 |           |            |
| 219 |              |      | 435099.17 | 1249132.85 |
|     | 119° 59' 8"  | 29.2 |           |            |
| 220 |              |      | 435084.56 | 1249158.17 |
|     | 118° 51' 33" | 20.2 |           |            |
| 221 |              |      | 435074.8  | 1249175.88 |
|     | 118° 50' 58" | 33.7 |           |            |
| 222 |              |      | 435058.56 | 1249205.36 |
|     | 118° 51' 54" | 16.2 |           |            |
| 223 |              |      | 435050.76 | 1249219.51 |
|     | 25° 34' 42"  | 16.9 |           |            |
| 224 |              |      | 435065.99 | 1249226.8  |
|     | 30° 34' 12"  | 48.7 |           |            |
| 225 |              |      | 435107.89 | 1249251.55 |
|     | 23° 51' 23"  | 8.2  |           |            |
| 226 |              |      | 435115.42 | 1249254.88 |
|     | 15° 26' 9"   | 1.4  |           |            |
| 227 |              |      | 435116.76 | 1249255.25 |
|     | 21° 12' 12"  | 8.2  |           |            |
| 228 |              |      | 435124.39 | 1249258.21 |
|     | 116° 12' 28" | 33.7 |           |            |
| 229 |              |      | 435109.5  | 1249288.46 |
|     | 116° 2' 4"   | 35.7 |           |            |
| 230 |              |      | 435093.81 | 1249320.58 |
|     | 118° 12' 45" | 13.2 |           |            |
| 231 |              |      | 435087.56 | 1249332.23 |
|     | 21° 12' 7"   | 22   |           |            |
| 232 |              |      | 435108.08 | 1249340.19 |
|     | 18° 11' 43"  | 49.2 |           |            |

|     |              |      |           |            |
|-----|--------------|------|-----------|------------|
| 233 |              |      | 435154.81 | 1249355.55 |
|     | 103° 33' 20" | 2.6  |           |            |
| 234 |              |      | 435154.2  | 1249358.08 |
|     | 18° 25' 8"   | 22.8 |           |            |
| 235 |              |      | 435175.79 | 1249365.27 |
|     | 109° 31' 2"  | 9.9  |           |            |
| 236 |              |      | 435172.49 | 1249374.58 |
|     | 22° 7' 41"   | 15   |           |            |
| 237 |              |      | 435186.36 | 1249380.22 |
|     | 101° 2' 27"  | 0.4  |           |            |
| 238 |              |      | 435186.28 | 1249380.63 |
|     | 98° 13' 36"  | 0.8  |           |            |
| 239 |              |      | 435186.16 | 1249381.46 |
|     | 15° 34' 45"  | 9.5  |           |            |
| 240 |              |      | 435195.27 | 1249384    |
|     | 285° 17' 6"  | 6.7  |           |            |
| 241 |              |      | 435197.03 | 1249377.56 |
|     | 285° 27' 21" | 2.3  |           |            |
| 242 |              |      | 435197.63 | 1249375.39 |
|     | 206° 33' 54" | 0.6  |           |            |
| 243 |              |      | 435197.09 | 1249375.12 |
|     | 296° 33' 54" | 0.4  |           |            |
| 244 |              |      | 435197.27 | 1249374.76 |
|     | 206° 33' 54" | 0.1  |           |            |
| 245 |              |      | 435197.17 | 1249374.71 |
|     | 296° 27' 19" | 4.7  |           |            |
| 246 |              |      | 435199.25 | 1249370.53 |
|     | 26° 35' 5"   | 12.9 |           |            |
| 247 |              |      | 435210.76 | 1249376.29 |
|     | 54° 25' 43"  | 4    |           |            |
| 248 |              |      | 435213.07 | 1249379.52 |
|     | 38° 11' 29"  | 8.4  |           |            |
| 249 |              |      | 435219.68 | 1249384.72 |
|     | 28° 26' 47"  | 11.4 |           |            |
| 250 |              |      | 435229.74 | 1249390.17 |
|     | 26° 6' 23"   | 9.5  |           |            |
| 251 |              |      | 435238.27 | 1249394.35 |
|     | 107° 1' 36"  | 17.8 |           |            |
| 252 |              |      | 435233.07 | 1249411.33 |
|     | 106° 19' 36" | 2.1  |           |            |
| 253 |              |      | 435232.49 | 1249413.31 |
|     | 14° 34' 42"  | 7.9  |           |            |
| 254 |              |      | 435240.18 | 1249415.31 |
|     | 13° 18' 16"  | 5.1  |           |            |
| 255 |              |      | 435245.17 | 1249416.49 |
|     | 108° 0' 29"  | 17.4 |           |            |
| 256 |              |      | 435239.79 | 1249433.04 |
|     | 195° 29' 57" | 1.2  |           |            |
| 257 |              |      | 435238.6  | 1249432.71 |
|     | 104° 43' 22" | 4.2  |           |            |
| 258 |              |      | 435237.52 | 1249436.82 |
|     | 197° 54' 55" | 3.8  |           |            |
| 259 |              |      | 435233.87 | 1249435.64 |
|     | 104° 23' 9"  | 3.2  |           |            |
| 260 |              |      | 435233.08 | 1249438.72 |
|     | 107° 46' 53" | 61   |           |            |
| 261 |              |      | 435214.45 | 1249496.81 |
|     | 31° 53' 26"  | 2.1  |           |            |
| 262 |              |      | 435216.25 | 1249497.93 |
|     | 16° 29' 54"  | 27   |           |            |

|     |              |      |           |            |
|-----|--------------|------|-----------|------------|
| 263 |              |      | 435242.18 | 1249505.61 |
|     | 290° 31' 20" | 23.9 |           |            |
| 264 |              |      | 435250.55 | 1249483.25 |
|     | 330° 51' 56" | 0.7  |           |            |
| 265 |              |      | 435251.16 | 1249482.91 |
|     | 17° 17' 19"  | 11.5 |           |            |
| 266 |              |      | 435262.18 | 1249486.34 |
|     | 16° 45' 6"   | 40.7 |           |            |
| 267 |              |      | 435301.15 | 1249498.07 |
|     | 84° 8' 58"   | 5.3  |           |            |
| 268 |              |      | 435301.69 | 1249503.34 |
|     | 108° 17' 8"  | 20.6 |           |            |
| 269 |              |      | 435295.22 | 1249522.92 |
|     | 108° 50' 41" | 25.2 |           |            |
| 270 |              |      | 435287.08 | 1249546.77 |
|     | 109° 21' 51" | 24.8 |           |            |
| 271 |              |      | 435278.87 | 1249570.13 |
|     | 108° 34' 58" | 20.8 |           |            |
| 272 |              |      | 435272.24 | 1249589.85 |
|     | 200° 11' 39" | 0.9  |           |            |
| 273 |              |      | 435271.37 | 1249589.53 |
|     | 196° 17' 29" | 17.5 |           |            |
| 274 |              |      | 435254.57 | 1249584.62 |
|     | 291° 5' 32"  | 1.5  |           |            |
| 275 |              |      | 435255.11 | 1249583.22 |
|     | 194° 13' 1"  | 6.1  |           |            |
| 276 |              |      | 435249.15 | 1249581.71 |
|     | 106° 26' 25" | 1.3  |           |            |
| 277 |              |      | 435248.79 | 1249582.93 |
|     | 196° 18' 3"  | 24.1 |           |            |
| 278 |              |      | 435225.64 | 1249576.16 |
|     | 115° 40' 36" | 0.6  |           |            |
| 279 |              |      | 435225.39 | 1249576.68 |
|     | 198° 18' 27" | 4.3  |           |            |
| 280 |              |      | 435221.34 | 1249575.34 |
|     | 119° 29' 4"  | 2.5  |           |            |
| 281 |              |      | 435220.13 | 1249577.48 |
|     | 201° 5' 48"  | 3.5  |           |            |
| 282 |              |      | 435216.89 | 1249576.23 |
|     | 253° 6' 29"  | 2    |           |            |
| 283 |              |      | 435216.31 | 1249574.32 |
|     | 270° 16' 18" | 10.5 |           |            |
| 284 |              |      | 435216.36 | 1249563.78 |
|     | 179° 6' 41"  | 12.3 |           |            |
| 285 |              |      | 435204.11 | 1249563.97 |
|     | 185° 16' 32" | 10.2 |           |            |
| 286 |              |      | 435193.93 | 1249563.03 |
|     | 108° 43' 50" | 1.8  |           |            |
| 287 |              |      | 435193.34 | 1249564.77 |
|     | 190° 41' 14" | 4.2  |           |            |
| 288 |              |      | 435189.26 | 1249564    |
|     | 195° 51' 22" | 14.1 |           |            |
| 289 |              |      | 435175.67 | 1249560.14 |
|     | 199° 29' 29" | 15.4 |           |            |
| 290 |              |      | 435161.12 | 1249554.99 |
|     | 103° 48' 2"  | 7.7  |           |            |
| 291 |              |      | 435159.29 | 1249562.44 |
|     | 198° 30' 6"  | 5.4  |           |            |
| 292 |              |      | 435154.15 | 1249560.72 |
|     | 281° 12' 21" | 1.1  |           |            |

|     |              |      |           |            |
|-----|--------------|------|-----------|------------|
| 293 |              |      | 435154.36 | 1249559.66 |
|     | 196° 49' 17" | 9.4  |           |            |
| 294 |              |      | 435145.33 | 1249556.93 |
|     | 111° 45' 9"  | 2.2  |           |            |
| 295 |              |      | 435144.52 | 1249558.96 |
|     | 204° 37' 2"  | 3.6  |           |            |
| 296 |              |      | 435141.29 | 1249557.48 |
|     | 111° 38' 39" | 0.7  |           |            |
| 297 |              |      | 435141.04 | 1249558.11 |
|     | 194° 17' 13" | 5    |           |            |
| 298 |              |      | 435136.21 | 1249556.88 |
|     | 104° 7' 59"  | 1.4  |           |            |
| 299 |              |      | 435135.86 | 1249558.27 |
|     | 196° 8' 45"  | 27.9 |           |            |
| 300 |              |      | 435109.09 | 1249550.52 |
|     | 190° 55' 35" | 2.6  |           |            |
| 301 |              |      | 435106.5  | 1249550.02 |
|     | 199° 16' 54" | 39.4 |           |            |
| 302 |              |      | 435069.34 | 1249537.02 |
|     | 286° 40' 35" | 16.9 |           |            |
| 303 |              |      | 435074.19 | 1249520.83 |
|     | 198° 45' 52" | 10.4 |           |            |
| 304 |              |      | 435064.3  | 1249517.47 |
|     | 287° 55' 40" | 6.1  |           |            |
| 305 |              |      | 435066.17 | 1249511.69 |
|     | 199° 10' 14" | 14.3 |           |            |
| 306 |              |      | 435052.68 | 1249507    |
|     | 288° 21' 14" | 13.4 |           |            |
| 307 |              |      | 435056.91 | 1249494.25 |
|     | 198° 38' 8"  | 20.7 |           |            |
| 308 |              |      | 435037.25 | 1249487.62 |
|     | 108° 59' 4"  | 13.2 |           |            |
| 309 |              |      | 435032.96 | 1249500.09 |
|     | 199° 39' 13" | 0.7  |           |            |
| 310 |              |      | 435032.26 | 1249499.84 |
|     | 289° 5' 36"  | 0.3  |           |            |
| 311 |              |      | 435032.35 | 1249499.58 |
|     | 199° 18' 22" | 5    |           |            |
| 312 |              |      | 435027.64 | 1249497.93 |
|     | 109° 10' 44" | 0.2  |           |            |
| 313 |              |      | 435027.56 | 1249498.16 |
|     | 199° 39' 23" | 13.8 |           |            |
| 314 |              |      | 435014.57 | 1249493.52 |
|     | 291° 26' 0"  | 6.6  |           |            |
| 315 |              |      | 435017    | 1249487.33 |
|     | 287° 1' 22"  | 9    |           |            |
| 316 |              |      | 435019.63 | 1249478.74 |
|     | 197° 7' 34"  | 3.6  |           |            |
| 317 |              |      | 435016.19 | 1249477.68 |
|     | 202° 50' 55" | 3.7  |           |            |
| 318 |              |      | 435012.82 | 1249476.26 |
|     | 114° 18' 16" | 0.3  |           |            |
| 319 |              |      | 435012.68 | 1249476.57 |
|     | 197° 34' 39" | 11.6 |           |            |
| 320 |              |      | 435001.6  | 1249473.06 |
|     | 109° 9' 8"   | 5.3  |           |            |
| 321 |              |      | 434999.86 | 1249478.07 |
|     | 107° 9' 58"  | 11.3 |           |            |
| 322 |              |      | 434996.53 | 1249488.85 |
|     | 111° 18' 28" | 5.2  |           |            |

|     |              |      |           |            |
|-----|--------------|------|-----------|------------|
| 323 |              |      | 434994.65 | 1249493.67 |
|     | 110° 36' 55" | 5.7  |           |            |
| 324 |              |      | 434992.66 | 1249498.96 |
|     | 198° 26' 5"  | 5    |           |            |
| 325 |              |      | 434987.92 | 1249497.38 |
|     | 198° 26' 5"  | 2.5  |           |            |
| 326 |              |      | 434985.52 | 1249496.58 |
|     | 178° 11' 55" | 9.5  |           |            |
| 327 |              |      | 434975.98 | 1249496.88 |
|     | 154° 10' 4"  | 5.9  |           |            |
| 328 |              |      | 434970.63 | 1249499.47 |
|     | 156° 11' 3"  | 11.1 |           |            |
| 329 |              |      | 434960.48 | 1249503.95 |
|     | 160° 1' 0"   | 2    |           |            |
| 330 |              |      | 434958.61 | 1249504.63 |
|     | 205° 20' 6"  | 2.5  |           |            |
| 331 |              |      | 434956.35 | 1249503.56 |
|     | 205° 20' 46" | 0.2  |           |            |
| 332 |              |      | 434956.16 | 1249503.47 |
|     | 153° 55' 27" | 29.3 |           |            |
| 333 |              |      | 434929.82 | 1249516.36 |
|     | 152° 35' 2"  | 18.1 |           |            |
| 334 |              |      | 434913.78 | 1249524.68 |
|     | 120° 57' 49" | 0.4  |           |            |
| 335 |              |      | 434913.57 | 1249525.03 |
|     | 128° 54' 25" | 8.3  |           |            |
| 336 |              |      | 434908.34 | 1249531.51 |
|     | 128° 55' 3"  | 6.9  |           |            |
| 337 |              |      | 434903.98 | 1249536.91 |
|     | 141° 14' 55" | 22.5 |           |            |
| 338 |              |      | 434886.45 | 1249550.98 |
|     | 141° 15' 50" | 16.5 |           |            |
| 339 |              |      | 434873.61 | 1249561.28 |
|     | 141° 13' 58" | 28.4 |           |            |
| 340 |              |      | 434851.47 | 1249579.06 |
|     | 99° 23' 47"  | 63   |           |            |
| 341 |              |      | 434841.19 | 1249641.18 |
|     | 101° 5' 21"  | 56.6 |           |            |
| 342 |              |      | 434830.31 | 1249696.69 |
|     | 96° 18' 58"  | 74.4 |           |            |
| 343 |              |      | 434822.13 | 1249770.59 |
|     | 98° 0' 33"   | 47.7 |           |            |
| 344 |              |      | 434815.49 | 1249817.78 |
|     | 99° 27' 59"  | 65.3 |           |            |
| 345 |              |      | 434804.75 | 1249882.19 |
|     | 57° 51' 1"   | 43.8 |           |            |
| 346 |              |      | 434828.08 | 1249919.31 |
|     | 83° 50' 51"  | 59.3 |           |            |
| 347 |              |      | 434834.43 | 1249978.22 |
|     | 107° 35' 12" | 40.4 |           |            |
| 348 |              |      | 434822.23 | 1250016.71 |
|     | 68° 2' 21"   | 45.5 |           |            |
| 349 |              |      | 434839.23 | 1250058.87 |
|     | 140° 28' 12" | 42.6 |           |            |
| 350 |              |      | 434806.39 | 1250085.97 |
|     | 65° 10' 43"  | 39.1 |           |            |
| 351 |              |      | 434822.8  | 1250121.45 |
|     | 73° 28' 29"  | 34.1 |           |            |
| 352 |              |      | 434832.49 | 1250154.11 |
|     | 357° 10' 33" | 53.6 |           |            |



|     |              |       |           |            |
|-----|--------------|-------|-----------|------------|
| 353 |              |       | 434886.01 | 1250151.47 |
|     | 354° 50' 16" | 100.8 |           |            |
| 354 |              |       | 434986.41 | 1250142.4  |
|     | 350° 39' 37" | 155.2 |           |            |
| 355 |              |       | 435139.51 | 1250117.22 |
|     | 354° 58' 34" | 18.8  |           |            |
| 356 |              |       | 435158.28 | 1250115.57 |
|     | 81° 19' 2"   | 6.2   |           |            |
| 357 |              |       | 435159.21 | 1250121.66 |
|     | 73° 51' 36"  | 6.5   |           |            |
| 358 |              |       | 435161.01 | 1250127.88 |
|     | 350° 27' 30" | 16.7  |           |            |
| 359 |              |       | 435177.43 | 1250125.12 |
|     | 346° 15' 52" | 248.5 |           |            |
| 360 |              |       | 435418.85 | 1250066.11 |
|     | 52° 54' 7"   | 249.9 |           |            |
| 361 |              |       | 435569.59 | 1250265.44 |
|     | 88° 40' 3"   | 282.1 |           |            |
| 362 |              |       | 435576.15 | 1250547.5  |
|     | 65° 58' 20"  | 59.9  |           |            |
| 363 |              |       | 435600.54 | 1250602.21 |
|     | 117° 35' 12" | 66.2  |           |            |
| 364 |              |       | 435569.88 | 1250660.89 |
|     | 149° 2' 20"  | 73.5  |           |            |
| 365 |              |       | 435506.84 | 1250698.71 |
|     | 84° 12' 12"  | 66.2  |           |            |
| 366 |              |       | 435513.53 | 1250764.61 |
|     | 169° 31' 47" | 273.6 |           |            |
| 367 |              |       | 435244.48 | 1250814.33 |
|     | 172° 16' 32" | 198.7 |           |            |
| 368 |              |       | 435047.56 | 1250841.04 |
|     | 163° 12' 37" | 96    |           |            |
| 369 |              |       | 434955.62 | 1250868.78 |
|     | 122° 53' 44" | 50.8  |           |            |
| 370 |              |       | 434928.02 | 1250911.45 |
|     | 47° 20' 28"  | 84.5  |           |            |
| 371 |              |       | 434985.26 | 1250973.57 |
|     | 48° 17' 53"  | 73.1  |           |            |
| 372 |              |       | 435033.91 | 1251028.17 |
|     | 67° 40' 41"  | 69.1  |           |            |
| 373 |              |       | 435060.15 | 1251092.08 |
|     | 103° 5' 4"   | 56.4  |           |            |
| 374 |              |       | 435047.39 | 1251146.98 |
|     | 139° 30' 36" | 136.1 |           |            |
| 375 |              |       | 434943.92 | 1251235.32 |
|     | 154° 9' 20"  | 58.3  |           |            |
| 376 |              |       | 434891.44 | 1251260.74 |
|     | 157° 54' 2"  | 93.6  |           |            |
| 377 |              |       | 434804.7  | 1251295.96 |
|     | 162° 7' 44"  | 92.8  |           |            |
| 378 |              |       | 434716.34 | 1251324.45 |
|     | 154° 54' 50" | 117.3 |           |            |
| 379 |              |       | 434610.11 | 1251374.18 |
|     | 150° 31' 52" | 51.5  |           |            |
| 380 |              |       | 434565.3  | 1251399.5  |
|     | 163° 35' 9"  | 61    |           |            |
| 381 |              |       | 434506.81 | 1251416.73 |
|     | 180° 59' 56" | 118.7 |           |            |
| 382 |              |       | 434388.1  | 1251414.66 |
|     | 177° 20' 52" | 120.4 |           |            |

|     |              |       |           |            |
|-----|--------------|-------|-----------|------------|
| 383 |              |       | 434267.85 | 1251420.23 |
|     | 154° 4' 51"  | 140.4 |           |            |
| 384 |              |       | 434141.57 | 1251481.6  |
|     | 147° 29' 3"  | 63.2  |           |            |
| 385 |              |       | 434088.28 | 1251515.57 |
|     | 149° 9' 34"  | 92.4  |           |            |
| 386 |              |       | 434008.96 | 1251562.93 |
|     | 159° 52' 17" | 77.2  |           |            |
| 387 |              |       | 433936.52 | 1251589.48 |
|     | 149° 53' 28" | 91.6  |           |            |
| 388 |              |       | 433857.28 | 1251635.43 |
|     | 173° 56' 11" | 123.3 |           |            |
| 389 |              |       | 433734.71 | 1251648.45 |
|     | 173° 16' 42" | 232.4 |           |            |
| 390 |              |       | 433503.92 | 1251675.65 |
|     | 151° 5' 45"  | 69.5  |           |            |
| 391 |              |       | 433443.1  | 1251709.23 |
|     | 167° 52' 44" | 132.7 |           |            |
| 392 |              |       | 433313.33 | 1251737.1  |
|     | 187° 11' 52" | 79.9  |           |            |
| 393 |              |       | 433234.07 | 1251727.09 |
|     | 169° 39' 38" | 26.7  |           |            |
| 394 |              |       | 433207.76 | 1251731.89 |
|     | 185° 11' 25" | 138.9 |           |            |
| 395 |              |       | 433069.38 | 1251719.32 |
|     | 204° 44' 43" | 227.9 |           |            |
| 396 |              |       | 432862.44 | 1251623.94 |
|     | 255° 54' 6"  | 65    |           |            |
| 397 |              |       | 432846.6  | 1251560.87 |
|     | 266° 51' 2"  | 97.7  |           |            |
| 398 |              |       | 432841.23 | 1251463.27 |
|     | 260° 17' 15" | 102.5 |           |            |
| 399 |              |       | 432823.94 | 1251362.25 |
|     | 226° 47' 5"  | 52    |           |            |
| 400 |              |       | 432788.34 | 1251324.36 |
|     | 215° 57' 1"  | 61.9  |           |            |
| 401 |              |       | 432738.19 | 1251287.99 |
|     | 202° 21' 54" | 90.8  |           |            |
| 402 |              |       | 432654.22 | 1251253.44 |
|     | 180° 48' 25" | 127.8 |           |            |
| 403 |              |       | 432526.45 | 1251251.64 |
|     | 81° 30' 41"  | 24.9  |           |            |
| 404 |              |       | 432530.12 | 1251276.23 |
|     | 73° 51' 44"  | 10.6  |           |            |
| 405 |              |       | 432533.08 | 1251286.46 |
|     | 122° 19' 24" | 50    |           |            |
| 406 |              |       | 432506.34 | 1251328.72 |
|     | 97° 53' 13"  | 29    |           |            |
| 407 |              |       | 432502.36 | 1251357.45 |
|     | 94° 21' 36"  | 59.2  |           |            |
| 408 |              |       | 432497.86 | 1251416.47 |
|     | 98° 21' 25"  | 45.7  |           |            |
| 409 |              |       | 432491.22 | 1251461.67 |
|     | 110° 55' 57" | 29.4  |           |            |
| 410 |              |       | 432480.72 | 1251489.12 |
|     | 127° 33' 20" | 65    |           |            |
| 411 |              |       | 432441.1  | 1251540.65 |
|     | 83° 12' 59"  | 50.4  |           |            |
| 412 |              |       | 432447.05 | 1251590.67 |
|     | 97° 23' 25"  | 24.1  |           |            |

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| 413 |              |       | 432443.95 | 1251614.57 |
|     | 144° 51' 45" | 44.6  |           |            |
| 414 |              |       | 432407.49 | 1251640.23 |
|     | 168° 24' 3"  | 21.4  |           |            |
| 415 |              |       | 432386.54 | 1251644.53 |
|     | 176° 40' 43" | 39.5  |           |            |
| 416 |              |       | 432347.08 | 1251646.82 |
|     | 192° 1' 30"  | 46.5  |           |            |
| 417 |              |       | 432301.59 | 1251637.13 |
|     | 223° 48' 59" | 35.9  |           |            |
| 418 |              |       | 432275.65 | 1251612.24 |
|     | 238° 51' 55" | 46    |           |            |
| 419 |              |       | 432251.85 | 1251572.84 |
|     | 198° 8' 56"  | 28.5  |           |            |
| 420 |              |       | 432224.76 | 1251563.96 |
|     | 142° 18' 58" | 25.2  |           |            |
| 421 |              |       | 432204.81 | 1251579.37 |
|     | 190° 56' 8"  | 6.9   |           |            |
| 422 |              |       | 432198.03 | 1251578.06 |
|     | 241° 58' 32" | 39.9  |           |            |
| 423 |              |       | 432179.3  | 1251542.87 |
|     | 177° 4' 37"  | 21.8  |           |            |
| 424 |              |       | 432157.56 | 1251543.98 |
|     | 167° 5' 35"  | 77.8  |           |            |
| 425 |              |       | 432081.76 | 1251561.35 |
|     | 136° 49' 15" | 23.6  |           |            |
| 426 |              |       | 432064.56 | 1251577.49 |
|     | 172° 7' 21"  | 15.4  |           |            |
| 427 |              |       | 432049.31 | 1251579.6  |
|     | 203° 41' 47" | 92.8  |           |            |
| 428 |              |       | 431964.37 | 1251542.32 |
|     | 248° 24' 24" | 51.6  |           |            |
| 429 |              |       | 431945.38 | 1251494.34 |
|     | 236° 26' 34" | 15.5  |           |            |
| 430 |              |       | 431936.79 | 1251481.39 |
|     | 151° 22' 14" | 17    |           |            |
| 431 |              |       | 431921.86 | 1251489.54 |
|     | 143° 22' 10" | 69.4  |           |            |
| 432 |              |       | 431866.19 | 1251530.93 |
|     | 169° 37' 21" | 40.2  |           |            |
| 433 |              |       | 431826.6  | 1251538.18 |
|     | 191° 11' 21" | 193.6 |           |            |
| 434 |              |       | 431636.72 | 1251500.62 |
|     | 139° 7' 18"  | 103   |           |            |
| 435 |              |       | 431558.84 | 1251568.03 |
|     | 111° 26' 16" | 94.3  |           |            |
| 436 |              |       | 431524.38 | 1251655.79 |
|     | 83° 11' 21"  | 86.6  |           |            |
| 437 |              |       | 431534.65 | 1251741.78 |
|     | 87° 15' 37"  | 53.6  |           |            |
| 438 |              |       | 431537.21 | 1251795.28 |
|     | 165° 17' 30" | 4.1   |           |            |
| 439 |              |       | 431533.21 | 1251796.33 |
|     | 148° 31' 2"  | 74.8  |           |            |
| 440 |              |       | 431469.41 | 1251835.4  |
|     | 162° 49' 48" | 103.1 |           |            |
| 441 |              |       | 431370.89 | 1251865.84 |
|     | 71° 2' 42"   | 22    |           |            |
| 442 |              |       | 431378.02 | 1251886.6  |
|     | 46° 40' 17"  | 20.6  |           |            |

|     |              |       |           |            |
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| 443 |              |       | 431392.16 | 1251901.59 |
|     | 46° 37' 33"  | 19.4  |           |            |
| 444 |              |       | 431405.51 | 1251915.72 |
|     | 99° 39' 23"  | 21.8  |           |            |
| 445 |              |       | 431401.85 | 1251937.23 |
|     | 186° 35' 53" | 42.9  |           |            |
| 446 |              |       | 431359.23 | 1251932.3  |
|     | 85° 17' 25"  | 58.8  |           |            |
| 447 |              |       | 431364.06 | 1251990.93 |
|     | 92° 45' 58"  | 62.6  |           |            |
| 448 |              |       | 431361.04 | 1252053.43 |
|     | 146° 38' 16" | 110.9 |           |            |
| 449 |              |       | 431268.41 | 1252114.42 |
|     | 138° 14' 42" | 99.2  |           |            |
| 450 |              |       | 431194.42 | 1252180.47 |
|     | 94° 15' 2"   | 78.4  |           |            |
| 451 |              |       | 431188.61 | 1252258.64 |
|     | 153° 44' 31" | 65.1  |           |            |
| 452 |              |       | 431130.23 | 1252287.44 |
|     | 168° 10' 43" | 39.3  |           |            |
| 453 |              |       | 431091.72 | 1252295.5  |
|     | 262° 37' 53" | 51.1  |           |            |
| 454 |              |       | 431085.17 | 1252244.85 |
|     | 156° 24' 11" | 56.3  |           |            |
| 455 |              |       | 431033.57 | 1252267.39 |
|     | 253° 21' 12" | 84.2  |           |            |
| 456 |              |       | 431009.45 | 1252186.72 |
|     | 194° 28' 50" | 119.8 |           |            |
| 457 |              |       | 430893.48 | 1252156.77 |
|     | 187° 59' 13" | 212.9 |           |            |
| 458 |              |       | 430682.66 | 1252127.19 |
|     | 110° 4' 54"  | 60    |           |            |
| 459 |              |       | 430662.07 | 1252183.51 |
|     | 161° 30' 32" | 55.1  |           |            |
| 460 |              |       | 430609.83 | 1252200.98 |
|     | 164° 17' 8"  | 32.7  |           |            |
| 461 |              |       | 430578.34 | 1252209.84 |
|     | 180° 33' 22" | 20.6  |           |            |
| 462 |              |       | 430557.74 | 1252209.64 |
|     | 185° 30' 23" | 22.6  |           |            |
| 463 |              |       | 430535.23 | 1252207.47 |
|     | 180° 44' 38" | 48.5  |           |            |
| 464 |              |       | 430486.72 | 1252206.84 |
|     | 177° 48' 20" | 126.7 |           |            |
| 465 |              |       | 430360.15 | 1252211.69 |
|     | 161° 6' 50"  | 136.1 |           |            |
| 466 |              |       | 430231.33 | 1252255.76 |
|     | 211° 7' 1"   | 70.4  |           |            |
| 467 |              |       | 430171.03 | 1252219.36 |
|     | 202° 42' 48" | 114.6 |           |            |
| 468 |              |       | 430065.34 | 1252175.12 |
|     | 198° 37' 43" | 22.4  |           |            |
| 469 |              |       | 430044.07 | 1252167.95 |
|     | 110° 30' 28" | 295.4 |           |            |
| 470 |              |       | 429940.58 | 1252444.63 |
|     | 117° 45' 34" | 298.2 |           |            |
| 471 |              |       | 429801.7  | 1252708.49 |
|     | 118° 57' 14" | 403.3 |           |            |
| 472 |              |       | 429606.47 | 1253061.36 |
|     | 116° 38' 3"  | 137.1 |           |            |

|     |              |       |           |            |
|-----|--------------|-------|-----------|------------|
| 473 |              |       | 429544.99 | 1253183.95 |
|     | 203° 38' 33" | 19.8  |           |            |
| 474 |              |       | 429526.83 | 1253176    |
|     | 266° 59' 8"  | 194.2 |           |            |
| 475 |              |       | 429516.62 | 1252982.1  |
|     | 271° 37' 59" | 9.5   |           |            |
| 476 |              |       | 429516.89 | 1252972.63 |
|     | 264° 34' 14" | 237.3 |           |            |
| 477 |              |       | 429494.44 | 1252736.42 |
|     | 264° 20' 50" | 195.9 |           |            |
| 478 |              |       | 429475.14 | 1252541.43 |
|     | 264° 15' 40" | 263.2 |           |            |
| 479 |              |       | 429448.82 | 1252279.53 |
|     | 263° 26' 57" | 123.2 |           |            |
| 480 |              |       | 429434.76 | 1252157.09 |
|     | 176° 44' 34" | 86.4  |           |            |
| 481 |              |       | 429348.48 | 1252162    |
|     | 184° 0' 42"  | 105.8 |           |            |
| 482 |              |       | 429242.97 | 1252154.6  |
|     | 182° 1' 22"  | 222.7 |           |            |
| 483 |              |       | 429020.45 | 1252146.74 |
|     | 183° 15' 7"  | 49.2  |           |            |
| 484 |              |       | 428971.35 | 1252143.95 |
|     | 183° 15' 0"  | 52.9  |           |            |
| 485 |              |       | 428918.52 | 1252140.95 |
|     | 183° 15' 32" | 24.1  |           |            |
| 486 |              |       | 428894.46 | 1252139.58 |
|     | 250° 51' 43" | 99.7  |           |            |
| 487 |              |       | 428861.76 | 1252045.35 |
|     | 182° 15' 8"  | 42.5  |           |            |
| 488 |              |       | 428819.3  | 1252043.68 |
|     | 221° 27' 18" | 0.8   |           |            |
| 489 |              |       | 428818.7  | 1252043.15 |
|     | 252° 48' 55" | 22.6  |           |            |
| 490 |              |       | 428812.02 | 1252021.55 |
|     | 233° 49' 18" | 33.8  |           |            |
| 491 |              |       | 428792.07 | 1251994.27 |
|     | 269° 14' 38" | 32.6  |           |            |
| 492 |              |       | 428791.64 | 1251961.68 |
|     | 182° 26' 11" | 34.8  |           |            |
| 493 |              |       | 428756.86 | 1251960.2  |
|     | 220° 21' 57" | 74.7  |           |            |
| 494 |              |       | 428699.91 | 1251911.79 |
|     | 231° 29' 12" | 72.7  |           |            |
| 495 |              |       | 428654.66 | 1251854.93 |
|     | 219° 55' 3"  | 50.4  |           |            |
| 496 |              |       | 428615.97 | 1251822.56 |
|     | 211° 27' 18" | 55.2  |           |            |
| 497 |              |       | 428568.89 | 1251793.76 |
|     | 233° 45' 17" | 49.9  |           |            |
| 498 |              |       | 428539.39 | 1251753.52 |
|     | 243° 36' 12" | 77.6  |           |            |
| 499 |              |       | 428504.89 | 1251684.01 |
|     | 224° 20' 4"  | 131.5 |           |            |
| 500 |              |       | 428410.82 | 1251592.1  |
|     | 202° 57' 55" | 166.2 |           |            |
| 501 |              |       | 428257.81 | 1251527.26 |
|     | 210° 52' 40" | 124.6 |           |            |
| 502 |              |       | 428150.88 | 1251463.32 |
|     | 217° 44' 43" | 111.8 |           |            |

|     |              |       |           |            |
|-----|--------------|-------|-----------|------------|
| 503 |              |       | 428062.5  | 1251394.9  |
|     | 232° 17' 8"  | 164.4 |           |            |
| 504 |              |       | 427961.95 | 1251264.87 |
|     | 231° 4' 0"   | 121.2 |           |            |
| 505 |              |       | 427885.81 | 1251170.62 |
|     | 223° 53' 13" | 126.3 |           |            |
| 506 |              |       | 427794.76 | 1251083.04 |
|     | 186° 55' 15" | 142.2 |           |            |
| 507 |              |       | 427653.64 | 1251065.91 |
|     | 82° 29' 20"  | 52.9  |           |            |
| 508 |              |       | 427660.55 | 1251118.32 |
|     | 142° 15' 41" | 71.1  |           |            |
| 509 |              |       | 427604.32 | 1251161.84 |
|     | 121° 44' 55" | 54    |           |            |
| 510 |              |       | 427575.93 | 1251207.72 |
|     | 152° 27' 26" | 40.9  |           |            |
| 511 |              |       | 427539.67 | 1251226.63 |
|     | 165° 57' 25" | 63.4  |           |            |
| 512 |              |       | 427478.14 | 1251242.02 |
|     | 152° 27' 33" | 143.2 |           |            |
| 513 |              |       | 427351.21 | 1251308.21 |
|     | 178° 8' 1"   | 89    |           |            |
| 514 |              |       | 427262.21 | 1251311.11 |
|     | 190° 7' 20"  | 184.5 |           |            |
| 515 |              |       | 427080.56 | 1251278.68 |
|     | 185° 59' 25" | 115.8 |           |            |
| 516 |              |       | 426965.44 | 1251266.6  |
|     | 175° 43' 9"  | 100.9 |           |            |
| 517 |              |       | 426864.84 | 1251274.13 |
|     | 176° 41' 15" | 118.6 |           |            |
| 518 |              |       | 426746.48 | 1251280.98 |
|     | 180° 49' 47" | 78    |           |            |
| 519 |              |       | 426668.48 | 1251279.85 |
|     | 189° 18' 39" | 190   |           |            |
| 520 |              |       | 426480.99 | 1251249.11 |
|     | 195° 58' 9"  | 78.8  |           |            |
| 521 |              |       | 426405.23 | 1251227.43 |
|     | 202° 48' 7"  | 78.4  |           |            |
| 522 |              |       | 426332.99 | 1251197.06 |
|     | 114° 48' 22" | 381.6 |           |            |
| 523 |              |       | 426172.89 | 1251543.45 |
|     | 116° 19' 15" | 211.1 |           |            |
| 524 |              |       | 426079.3  | 1251732.64 |
|     | 109° 37' 36" | 64.2  |           |            |
| 525 |              |       | 426057.75 | 1251793.07 |
|     | 115° 38' 0"  | 189.8 |           |            |
| 526 |              |       | 425975.65 | 1251964.17 |
|     | 112° 31' 30" | 179.8 |           |            |
| 527 |              |       | 425906.78 | 1252130.23 |
|     | 119° 24' 17" | 85.7  |           |            |
| 528 |              |       | 425864.72 | 1252204.86 |
|     | 108° 3' 17"  | 73    |           |            |
| 529 |              |       | 425842.11 | 1252274.22 |
|     | 106° 38' 2"  | 79    |           |            |
| 530 |              |       | 425819.5  | 1252349.9  |
|     | 103° 31' 12" | 69.7  |           |            |
| 531 |              |       | 425803.2  | 1252417.69 |
|     | 99° 23' 30"  | 70.8  |           |            |
| 532 |              |       | 425791.64 | 1252487.58 |
|     | 102° 16' 27" | 74.2  |           |            |

|     |              |       |           |            |
|-----|--------------|-------|-----------|------------|
| 533 |              |       | 425775.86 | 1252560.11 |
|     | 94° 19' 42"  | 69.6  |           |            |
| 534 |              |       | 425770.61 | 1252629.47 |
|     | 85° 59' 23"  | 60.1  |           |            |
| 535 |              |       | 425774.81 | 1252689.38 |
|     | 82° 44' 40"  | 58.3  |           |            |
| 536 |              |       | 425782.17 | 1252747.19 |
|     | 85° 43' 27"  | 27.5  |           |            |
| 537 |              |       | 425784.22 | 1252774.61 |
|     | 177° 25' 9"  | 372.2 |           |            |
| 538 |              |       | 425412.36 | 1252791.37 |
|     | 180° 35' 0"  | 149.2 |           |            |
| 539 |              |       | 425263.12 | 1252789.85 |
|     | 178° 38' 33" | 226.3 |           |            |
| 540 |              |       | 425036.89 | 1252795.21 |
|     | 92° 17' 5"   | 23.8  |           |            |
| 541 |              |       | 425035.94 | 1252819.02 |
|     | 89° 56' 27"  | 48.6  |           |            |
| 542 |              |       | 425035.99 | 1252867.63 |
|     | 91° 27' 0"   | 43.1  |           |            |
| 543 |              |       | 425034.9  | 1252910.69 |
|     | 91° 27' 5"   | 39.9  |           |            |
| 544 |              |       | 425033.89 | 1252950.55 |
|     | 91° 27' 1"   | 39.9  |           |            |
| 545 |              |       | 425032.88 | 1252990.44 |
|     | 91° 26' 13"  | 41.1  |           |            |
| 546 |              |       | 425031.85 | 1253031.5  |
|     | 91° 35' 8"   | 82.4  |           |            |
| 547 |              |       | 425029.57 | 1253113.86 |
|     | 180° 33' 11" | 186.4 |           |            |
| 548 |              |       | 424843.18 | 1253112.06 |
|     | 180° 27' 51" | 40.7  |           |            |
| 549 |              |       | 424802.47 | 1253111.73 |
|     | 179° 44' 3"  | 60.4  |           |            |
| 550 |              |       | 424742.09 | 1253112.01 |
|     | 269° 17' 37" | 218.3 |           |            |
| 551 |              |       | 424739.4  | 1252893.77 |
|     | 270° 36' 38" | 16    |           |            |
| 552 |              |       | 424739.57 | 1252877.82 |
|     | 359° 35' 5"  | 174   |           |            |
| 553 |              |       | 424913.52 | 1252876.56 |
|     | 271° 15' 1"  | 57.3  |           |            |
| 554 |              |       | 424914.77 | 1252819.29 |
|     | 271° 39' 30" | 24.5  |           |            |
| 555 |              |       | 424915.48 | 1252794.77 |
|     | 180° 43' 29" | 370.7 |           |            |
| 556 |              |       | 424544.85 | 1252790.08 |
|     | 179° 59' 14" | 45.8  |           |            |
| 557 |              |       | 424499.03 | 1252790.09 |
|     | 179° 53' 16" | 158.7 |           |            |
| 558 |              |       | 424340.37 | 1252790.4  |
|     | 179° 42' 12" | 287.9 |           |            |
| 559 |              |       | 424052.51 | 1252791.89 |
|     | 179° 17' 23" | 151.7 |           |            |
| 560 |              |       | 423900.82 | 1252793.77 |
|     | 176° 32' 41" | 50.8  |           |            |
| 561 |              |       | 423850.14 | 1252796.83 |
|     | 173° 18' 16" | 50.8  |           |            |
| 562 |              |       | 423799.71 | 1252802.75 |
|     | 169° 56' 15" | 51.3  |           |            |

|     |              |       |           |            |
|-----|--------------|-------|-----------|------------|
| 563 |              |       | 423749.16 | 1252811.72 |
|     | 162° 6' 28"  | 51.4  |           |            |
| 564 |              |       | 423700.25 | 1252827.51 |
|     | 158° 17' 58" | 50.6  |           |            |
| 565 |              |       | 423653.21 | 1252846.23 |
|     | 156° 46' 21" | 55    |           |            |
| 566 |              |       | 423602.67 | 1252867.92 |
|     | 155° 55' 28" | 133.8 |           |            |
| 567 |              |       | 423480.47 | 1252922.52 |
|     | 155° 20' 6"  | 88.6  |           |            |
| 568 |              |       | 423399.94 | 1252959.5  |
|     | 155° 11' 4"  | 122.2 |           |            |
| 569 |              |       | 423289.06 | 1253010.77 |
|     | 155° 29' 27" | 35.8  |           |            |
| 570 |              |       | 423256.51 | 1253025.61 |
|     | 155° 58' 5"  | 44.5  |           |            |
| 571 |              |       | 423215.85 | 1253043.74 |
|     | 155° 58' 25" | 18.3  |           |            |
| 572 |              |       | 423199.16 | 1253051.18 |
|     | 157° 10' 49" | 54.8  |           |            |
| 573 |              |       | 423148.68 | 1253072.42 |
|     | 157° 2' 39"  | 25.1  |           |            |
| 574 |              |       | 423125.59 | 1253082.2  |
|     | 157° 4' 4"   | 13.6  |           |            |
| 575 |              |       | 423113.11 | 1253087.48 |
|     | 158° 36' 36" | 48.3  |           |            |
| 576 |              |       | 423068.1  | 1253105.11 |
|     | 156° 57' 7"  | 29.5  |           |            |
| 577 |              |       | 423041    | 1253116.64 |
|     | 161° 28' 40" | 22.9  |           |            |
| 578 |              |       | 423019.33 | 1253123.9  |
|     | 165° 5' 27"  | 90.6  |           |            |
| 579 |              |       | 422931.78 | 1253147.21 |
|     | 165° 8' 39"  | 68.8  |           |            |
| 580 |              |       | 422865.24 | 1253164.86 |
|     | 165° 24' 38" | 15.3  |           |            |
| 581 |              |       | 422850.41 | 1253168.72 |
|     | 164° 43' 45" | 145.1 |           |            |
| 582 |              |       | 422710.42 | 1253206.94 |
|     | 164° 43' 38" | 311.8 |           |            |
| 583 |              |       | 422409.64 | 1253289.07 |
|     | 165° 40' 52" | 107.7 |           |            |
| 584 |              |       | 422305.31 | 1253315.7  |
|     | 166° 20' 35" | 57.5  |           |            |
| 585 |              |       | 422249.42 | 1253329.28 |
|     | 167° 9' 7"   | 68.5  |           |            |
| 586 |              |       | 422182.6  | 1253344.52 |
|     | 171° 0' 12"  | 108.4 |           |            |
| 587 |              |       | 422075.54 | 1253361.47 |
|     | 174° 16' 43" | 86.4  |           |            |
| 588 |              |       | 421989.6  | 1253370.08 |
|     | 180° 27' 32" | 83.7  |           |            |
| 589 |              |       | 421905.95 | 1253369.41 |
|     | 185° 49' 49" | 79.9  |           |            |
| 590 |              |       | 421826.43 | 1253361.29 |
|     | 188° 26' 18" | 103.3 |           |            |
| 591 |              |       | 421724.24 | 1253346.13 |
|     | 197° 54' 12" | 32    |           |            |
| 592 |              |       | 421693.75 | 1253336.28 |
|     | 201° 13' 48" | 21.8  |           |            |



|     |              |       |           |            |
|-----|--------------|-------|-----------|------------|
| 593 |              |       | 421673.44 | 1253328.39 |
|     | 203° 8' 38"  | 45.6  |           |            |
| 594 |              |       | 421631.54 | 1253310.48 |
|     | 208° 54' 20" | 59.5  |           |            |
| 595 |              |       | 421579.49 | 1253281.74 |
|     | 214° 34' 4"  | 86.5  |           |            |
| 596 |              |       | 421508.23 | 1253232.64 |
|     | 217° 5' 51"  | 109.8 |           |            |
| 597 |              |       | 421420.69 | 1253166.44 |
|     | 222° 29' 18" | 73.9  |           |            |
| 598 |              |       | 421366.19 | 1253116.52 |
|     | 227° 40' 39" | 104.4 |           |            |
| 599 |              |       | 421295.87 | 1253039.3  |
|     | 231° 23' 1"  | 59.5  |           |            |
| 600 |              |       | 421258.76 | 1252992.84 |
|     | 234° 45' 59" | 124.4 |           |            |
| 601 |              |       | 421187    | 1252891.24 |
|     | 235° 26' 21" | 90.5  |           |            |
| 602 |              |       | 421135.64 | 1252816.68 |
|     | 265° 44' 55" | 78.1  |           |            |
| 603 |              |       | 421129.85 | 1252738.79 |
|     | 174° 30' 25" | 178   |           |            |
| 604 |              |       | 420952.65 | 1252755.83 |
|     | 164° 55' 26" | 171.7 |           |            |
| 605 |              |       | 420786.82 | 1252800.5  |
|     | 156° 0' 31"  | 233.7 |           |            |
| 606 |              |       | 420573.27 | 1252895.54 |
|     | 158° 3' 39"  | 117.6 |           |            |
| 607 |              |       | 420464.23 | 1252939.46 |
|     | 174° 3' 12"  | 182.7 |           |            |
| 608 |              |       | 420282.49 | 1252958.39 |
|     | 187° 57' 5"  | 172.4 |           |            |
| 609 |              |       | 420111.74 | 1252934.54 |
|     | 194° 17' 17" | 125.8 |           |            |
| 610 |              |       | 419989.82 | 1252903.49 |
|     | 204° 32' 30" | 148.6 |           |            |
| 611 |              |       | 419854.65 | 1252841.77 |
|     | 201° 34' 19" | 156.4 |           |            |
| 612 |              |       | 419709.24 | 1252784.28 |
|     | 194° 11' 28" | 173.8 |           |            |
| 613 |              |       | 419540.74 | 1252741.67 |
|     | 167° 38' 13" | 580.1 |           |            |
| 614 |              |       | 418974.05 | 1252865.88 |
|     | 270° 24' 53" | 73.2  |           |            |
| 615 |              |       | 418974.58 | 1252792.68 |
|     | 251° 51' 22" | 47.9  |           |            |
| 616 |              |       | 418959.66 | 1252747.15 |
|     | 175° 3' 2"   | 62.8  |           |            |
| 617 |              |       | 418897.07 | 1252752.57 |
|     | 177° 20' 34" | 176.9 |           |            |
| 618 |              |       | 418720.37 | 1252760.77 |
|     | 266° 59' 17" | 177.6 |           |            |
| 619 |              |       | 418711.04 | 1252583.45 |
|     | 267° 29' 28" | 90.9  |           |            |
| 620 |              |       | 418707.06 | 1252492.61 |
|     | 174° 41' 13" | 102.8 |           |            |
| 621 |              |       | 418604.69 | 1252502.13 |
|     | 272° 24' 51" | 91.4  |           |            |
| 622 |              |       | 418608.54 | 1252410.82 |
|     | 270° 22' 32" | 779.5 |           |            |

|     |              |       |           |            |
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| 623 |              |       | 418613.65 | 1251631.29 |
|     | 179° 33' 54" | 270   |           |            |
| 624 |              |       | 418343.61 | 1251633.34 |
|     | 177° 49' 57" | 430.5 |           |            |
| 625 |              |       | 417913.44 | 1251649.62 |
|     | 276° 5' 51"  | 36.5  |           |            |
| 626 |              |       | 417917.32 | 1251613.3  |
|     | 276° 5' 50"  | 125.3 |           |            |
| 627 |              |       | 417930.63 | 1251488.7  |
|     | 273° 42' 54" | 55.1  |           |            |
| 628 |              |       | 417934.2  | 1251433.72 |
|     | 339° 13' 24" | 394.6 |           |            |
| 629 |              |       | 418303.18 | 1251293.73 |
|     | 337° 34' 32" | 275.5 |           |            |
| 630 |              |       | 418557.89 | 1251188.62 |
|     | 270° 1' 15"  | 463.2 |           |            |
| 631 |              |       | 418558.06 | 1250725.46 |
|     | 305° 22' 56" | 125.7 |           |            |
| 632 |              |       | 418630.82 | 1250623.01 |
|     | 303° 7' 16"  | 221.2 |           |            |
| 633 |              |       | 418751.7  | 1250437.73 |
|     | 254° 27' 44" | 13.5  |           |            |
| 634 |              |       | 418748.08 | 1250424.71 |
|     | 210° 15' 36" | 11.5  |           |            |
| 635 |              |       | 418738.19 | 1250418.94 |
|     | 289° 25' 43" | 97.9  |           |            |
| 636 |              |       | 418770.76 | 1250326.6  |
|     | 290° 25' 51" | 179.5 |           |            |
| 637 |              |       | 418833.47 | 1250158.39 |
|     | 249° 42' 49" | 32.8  |           |            |
| 638 |              |       | 418822.05 | 1250127.63 |
|     | 204° 57' 18" | 227.3 |           |            |
| 639 |              |       | 418615.97 | 1250031.73 |
|     | 276° 2' 36"  | 141   |           |            |
| 640 |              |       | 418630.81 | 1249891.56 |
|     | 194° 55' 0"  | 120.9 |           |            |
| 641 |              |       | 418513.99 | 1249860.44 |
|     | 261° 33' 28" | 18.2  |           |            |
| 642 |              |       | 418511.32 | 1249842.45 |
|     | 271° 2' 3"   | 19.9  |           |            |
| 643 |              |       | 418511.68 | 1249822.51 |
|     | 194° 23' 54" | 15    |           |            |
| 644 |              |       | 418497.19 | 1249818.79 |
|     | 239° 44' 12" | 6     |           |            |
| 645 |              |       | 418494.15 | 1249813.58 |
|     | 203° 57' 59" | 28.5  |           |            |
| 646 |              |       | 418468.1  | 1249802    |
|     | 156° 10' 51" | 9.3   |           |            |
| 647 |              |       | 418459.56 | 1249805.77 |
|     | 147° 45' 31" | 19.3  |           |            |
| 648 |              |       | 418443.23 | 1249816.07 |
|     | 152° 36' 48" | 15.3  |           |            |
| 649 |              |       | 418429.66 | 1249823.1  |
|     | 162° 7' 6"   | 24.6  |           |            |
| 650 |              |       | 418406.29 | 1249830.64 |
|     | 176° 46' 29" | 22.4  |           |            |
| 651 |              |       | 418383.93 | 1249831.9  |
|     | 192° 56' 2"  | 34.8  |           |            |
| 652 |              |       | 418350.01 | 1249824.11 |
|     | 197° 44' 5"  | 6.7   |           |            |

|     |              |       |           |            |
|-----|--------------|-------|-----------|------------|
| 653 |              |       | 418343.6  | 1249822.06 |
|     | 113° 9' 15"  | 5.1   |           |            |
| 654 |              |       | 418341.59 | 1249826.76 |
|     | 189° 43' 4"  | 125.7 |           |            |
| 655 |              |       | 418217.74 | 1249805.55 |
|     | 197° 40' 1"  | 23.4  |           |            |
| 656 |              |       | 418195.48 | 1249798.46 |
|     | 281° 7' 31"  | 7.3   |           |            |
| 657 |              |       | 418196.89 | 1249791.29 |
|     | 218° 28' 5"  | 17.3  |           |            |
| 658 |              |       | 418183.36 | 1249780.54 |
|     | 201° 16' 38" | 32.1  |           |            |
| 659 |              |       | 418153.47 | 1249768.9  |
|     | 189° 36' 39" | 38    |           |            |
| 660 |              |       | 418115.97 | 1249762.55 |
|     | 173° 20' 9"  | 61.5  |           |            |
| 661 |              |       | 418054.86 | 1249769.69 |
|     | 238° 0' 5"   | 26.6  |           |            |
| 662 |              |       | 418040.77 | 1249747.14 |
|     | 111° 50' 6"  | 12.6  |           |            |
| 663 |              |       | 418036.09 | 1249758.82 |
|     | 200° 13' 22" | 28.8  |           |            |
| 664 |              |       | 418009.08 | 1249748.87 |
|     | 200° 6' 53"  | 16.7  |           |            |
| 665 |              |       | 417993.38 | 1249743.12 |
|     | 199° 28' 24" | 10.5  |           |            |
| 666 |              |       | 417983.51 | 1249739.63 |
|     | 104° 30' 30" | 71.5  |           |            |
| 667 |              |       | 417965.6  | 1249808.84 |
|     | 94° 47' 5"   | 11.1  |           |            |
| 668 |              |       | 417964.67 | 1249819.95 |
|     | 90° 0' 58"   | 35.5  |           |            |
| 669 |              |       | 417964.66 | 1249855.48 |
|     | 207° 58' 38" | 15.6  |           |            |
| 670 |              |       | 417950.88 | 1249848.16 |
|     | 203° 13' 0"  | 165.5 |           |            |
| 671 |              |       | 417798.81 | 1249782.93 |
|     | 204° 33' 34" | 32.8  |           |            |
| 672 |              |       | 417768.94 | 1249769.28 |
|     | 198° 28' 20" | 24.3  |           |            |
| 673 |              |       | 417745.92 | 1249761.59 |
|     | 108° 7' 11"  | 5.2   |           |            |
| 674 |              |       | 417744.31 | 1249766.51 |
|     | 200° 20' 46" | 26.5  |           |            |
| 675 |              |       | 417719.42 | 1249757.28 |
|     | 183° 55' 52" | 153.6 |           |            |
| 676 |              |       | 417566.19 | 1249746.75 |
|     | 201° 9' 35"  | 47.4  |           |            |
| 677 |              |       | 417521.96 | 1249729.63 |
|     | 120° 29' 14" | 49.1  |           |            |
| 678 |              |       | 417497.05 | 1249771.94 |
|     | 133° 37' 29" | 81    |           |            |
| 679 |              |       | 417441.15 | 1249830.59 |
|     | 231° 34' 11" | 116.1 |           |            |
| 680 |              |       | 417368.97 | 1249739.62 |
|     | 234° 58' 58" | 48.7  |           |            |
| 681 |              |       | 417341    | 1249699.7  |
|     | 261° 30' 6"  | 88.9  |           |            |
| 682 |              |       | 417327.86 | 1249611.76 |
|     | 291° 44' 3"  | 186.8 |           |            |

|     |              |       |           |            |
|-----|--------------|-------|-----------|------------|
| 683 |              |       | 417397.02 | 1249438.27 |
|     | 282° 56' 34" | 27.5  |           |            |
| 684 |              |       | 417403.17 | 1249411.51 |
|     | 235° 11' 22" | 51.9  |           |            |
| 685 |              |       | 417373.53 | 1249368.88 |
|     | 211° 39' 29" | 256   |           |            |
| 686 |              |       | 417155.61 | 1249234.51 |
|     | 241° 9' 31"  | 122.6 |           |            |
| 687 |              |       | 417096.46 | 1249127.1  |
|     | 117° 20' 0"  | 143.7 |           |            |
| 688 |              |       | 417030.47 | 1249254.77 |
|     | 180° 20' 38" | 51.6  |           |            |
| 689 |              |       | 416978.86 | 1249254.46 |
|     | 149° 27' 37" | 45.2  |           |            |
| 690 |              |       | 416939.96 | 1249277.41 |
|     | 196° 26' 27" | 25.7  |           |            |
| 691 |              |       | 416915.29 | 1249270.13 |
|     | 230° 52' 21" | 48.8  |           |            |
| 692 |              |       | 416884.5  | 1249232.28 |
|     | 333° 5' 53"  | 5.3   |           |            |
| 693 |              |       | 416889.25 | 1249229.87 |
|     | 241° 35' 30" | 20.6  |           |            |
| 694 |              |       | 416879.46 | 1249211.77 |
|     | 154° 0' 30"  | 5.4   |           |            |
| 695 |              |       | 416874.64 | 1249214.12 |
|     | 242° 21' 46" | 40.4  |           |            |
| 696 |              |       | 416855.9  | 1249178.33 |
|     | 240° 36' 25" | 40    |           |            |
| 697 |              |       | 416836.28 | 1249143.5  |
|     | 177° 2' 18"  | 35.2  |           |            |
| 698 |              |       | 416801.1  | 1249145.32 |
|     | 159° 56' 31" | 75.1  |           |            |
| 699 |              |       | 416730.52 | 1249171.09 |
|     | 157° 19' 32" | 84.4  |           |            |
| 700 |              |       | 416652.68 | 1249203.61 |
|     | 200° 14' 18" | 239.1 |           |            |
| 701 |              |       | 416428.32 | 1249120.89 |
|     | 209° 1' 31"  | 393.5 |           |            |
| 702 |              |       | 416084.25 | 1248929.97 |
|     | 292° 54' 50" | 213.9 |           |            |
| 703 |              |       | 416167.54 | 1248732.93 |
|     | 272° 25' 59" | 70.7  |           |            |
| 704 |              |       | 416170.54 | 1248662.33 |
|     | 63° 11' 31"  | 33.7  |           |            |
| 705 |              |       | 416185.76 | 1248692.45 |
|     | 67° 51' 52"  | 16.6  |           |            |
| 706 |              |       | 416192    | 1248707.79 |
|     | 343° 5' 25"  | 32.1  |           |            |
| 707 |              |       | 416222.69 | 1248698.46 |
|     | 344° 59' 24" | 22.5  |           |            |
| 708 |              |       | 416244.47 | 1248692.62 |
|     | 39° 17' 9"   | 11.7  |           |            |
| 709 |              |       | 416253.54 | 1248700.04 |
|     | 330° 37' 14" | 20.4  |           |            |
| 710 |              |       | 416271.32 | 1248690.03 |
|     | 246° 9' 17"  | 28.7  |           |            |
| 711 |              |       | 416259.7  | 1248663.74 |
|     | 340° 8' 55"  | 71.6  |           |            |
| 712 |              |       | 416327.09 | 1248639.41 |
|     | 345° 37' 24" | 37.2  |           |            |

|     |              |       |           |            |
|-----|--------------|-------|-----------|------------|
| 713 |              |       | 416363.1  | 1248630.18 |
|     | 324° 5' 13"  | 101.9 |           |            |
| 714 |              |       | 416445.63 | 1248570.41 |
|     | 348° 15' 3"  | 264.7 |           |            |
| 715 |              |       | 416704.74 | 1248516.52 |
|     | 41° 38' 28"  | 25.1  |           |            |
| 716 |              |       | 416723.5  | 1248533.2  |
|     | 344° 8' 51"  | 38.9  |           |            |
| 717 |              |       | 416760.9  | 1248522.58 |
|     | 352° 52' 18" | 45.6  |           |            |
| 718 |              |       | 416806.16 | 1248516.92 |
|     | 352° 16' 23" | 25.5  |           |            |
| 719 |              |       | 416831.44 | 1248513.49 |
|     | 22° 26' 42"  | 40.3  |           |            |
| 720 |              |       | 416868.72 | 1248528.89 |
|     | 313° 5' 14"  | 11.7  |           |            |
| 721 |              |       | 416876.68 | 1248520.38 |
|     | 299° 38' 7"  | 19.5  |           |            |
| 722 |              |       | 416886.3  | 1248503.47 |
|     | 270° 13' 36" | 15.2  |           |            |
| 723 |              |       | 416886.36 | 1248488.32 |
|     | 261° 15' 13" | 16.8  |           |            |
| 724 |              |       | 416883.8  | 1248471.68 |
|     | 46° 17' 12"  | 57    |           |            |
| 725 |              |       | 416923.18 | 1248512.87 |
|     | 28° 21' 33"  | 19.9  |           |            |
| 726 |              |       | 416940.65 | 1248522.3  |
|     | 1° 30' 36"   | 39.8  |           |            |
| 727 |              |       | 416980.48 | 1248523.35 |
|     | 356° 31' 32" | 23.1  |           |            |
| 728 |              |       | 417003.54 | 1248521.95 |
|     | 37° 39' 48"  | 15.4  |           |            |
| 729 |              |       | 417015.77 | 1248531.39 |
|     | 30° 55' 45"  | 94.5  |           |            |
| 730 |              |       | 417096.83 | 1248579.96 |
|     | 74° 29' 37"  | 75.8  |           |            |
| 731 |              |       | 417117.1  | 1248653.02 |
|     | 70° 21' 30"  | 165.6 |           |            |
| 732 |              |       | 417172.78 | 1248809.03 |
|     | 267° 12' 56" | 89.1  |           |            |
| 733 |              |       | 417168.45 | 1248720    |
|     | 305° 58' 39" | 40.7  |           |            |
| 734 |              |       | 417192.37 | 1248687.05 |
|     | 358° 51' 8"  | 78.4  |           |            |
| 735 |              |       | 417270.75 | 1248685.48 |
|     | 1° 44' 56"   | 106.5 |           |            |
| 736 |              |       | 417377.19 | 1248688.73 |
|     | 8° 49' 27"   | 20.1  |           |            |
| 737 |              |       | 417397.03 | 1248691.81 |
|     | 9° 0' 38"    | 97    |           |            |
| 738 |              |       | 417492.82 | 1248707    |
|     | 326° 38' 47" | 9.9   |           |            |
| 739 |              |       | 417501.1  | 1248701.55 |
|     | 284° 54' 27" | 10.8  |           |            |
| 740 |              |       | 417503.89 | 1248691.07 |
|     | 218° 6' 15"  | 16.4  |           |            |
| 741 |              |       | 417490.96 | 1248680.93 |
|     | 253° 56' 14" | 9.4   |           |            |
| 742 |              |       | 417488.36 | 1248671.9  |
|     | 300° 19' 30" | 11.4  |           |            |

|     |              |       |           |            |
|-----|--------------|-------|-----------|------------|
| 743 |              |       | 417494.11 | 1248662.07 |
|     | 358° 51' 8"  | 17.5  |           |            |
| 744 |              |       | 417511.58 | 1248661.72 |
|     | 352° 46' 55" | 30.6  |           |            |
| 745 |              |       | 417541.98 | 1248657.87 |
|     | 90° 0' 0"    | 12.9  |           |            |
| 746 |              |       | 417541.98 | 1248644.95 |
|     | 211° 21' 37" | 9.4   |           |            |
| 747 |              |       | 417533.94 | 1248640.05 |
|     | 183° 7' 22"  | 22.9  |           |            |
| 748 |              |       | 417511.03 | 1248638.8  |
|     | 221° 17' 54" | 7.7   |           |            |
| 749 |              |       | 417505.27 | 1248633.74 |
|     | 276° 49' 39" | 11.9  |           |            |
| 750 |              |       | 417506.69 | 1248621.88 |
|     | 339° 13' 4"  | 18.7  |           |            |
| 751 |              |       | 417524.16 | 1248615.25 |
|     | 4° 44' 43"   | 21    |           |            |
| 752 |              |       | 417545.12 | 1248616.99 |
|     | 18° 42' 43"  | 22.9  |           |            |
| 753 |              |       | 417566.79 | 1248624.33 |
|     | 350° 6' 12"  | 22.3  |           |            |
| 754 |              |       | 417588.8  | 1248620.49 |
|     | 307° 51' 59" | 12    |           |            |
| 755 |              |       | 417596.14 | 1248611.05 |
|     | 273° 32' 55" | 16.8  |           |            |
| 756 |              |       | 417597.18 | 1248594.28 |
|     | 320° 32' 15" | 15.4  |           |            |
| 757 |              |       | 417609.06 | 1248584.5  |
|     | 349° 3' 23"  | 22.1  |           |            |
| 758 |              |       | 417630.73 | 1248580.31 |
|     | 352° 56' 12" | 70.1  |           |            |
| 759 |              |       | 417700.3  | 1248571.69 |
|     | 352° 55' 57" | 49.3  |           |            |
| 760 |              |       | 417749.18 | 1248565.63 |
|     | 2° 48' 12"   | 150.1 |           |            |
| 761 |              |       | 417899.07 | 1248572.97 |
|     | 356° 10' 43" | 15.8  |           |            |
| 762 |              |       | 417914.79 | 1248571.92 |
|     | 327° 36' 8"  | 21.5  |           |            |
| 763 |              |       | 417932.96 | 1248560.39 |
|     | 5° 34' 47"   | 14.4  |           |            |
| 764 |              |       | 417947.29 | 1248561.79 |
|     | 21° 14' 15"  | 79.1  |           |            |
| 765 |              |       | 418021.01 | 1248590.44 |
|     | 37° 13' 45"  | 54.9  |           |            |
| 766 |              |       | 418064.69 | 1248623.63 |
|     | 41° 50' 21"  | 49.2  |           |            |
| 767 |              |       | 418101.38 | 1248656.48 |
|     | 58° 33' 17"  | 64.3  |           |            |
| 768 |              |       | 418134.92 | 1248711.33 |
|     | 64° 24' 41"  | 64    |           |            |
| 769 |              |       | 418162.57 | 1248769.07 |
|     | 70° 9' 23"   | 48.8  |           |            |
| 770 |              |       | 418179.12 | 1248814.93 |
|     | 86° 46' 45"  | 62.1  |           |            |
| 771 |              |       | 418182.61 | 1248876.95 |
|     | 110° 49' 33" | 19.6  |           |            |
| 772 |              |       | 418175.63 | 1248895.3  |
|     | 31° 35' 26"  | 13.3  |           |            |

|     |              |         |           |            |
|-----|--------------|---------|-----------|------------|
| 773 |              |         | 418186.98 | 1248902.28 |
|     | 343° 13' 24" | 57.5    |           |            |
| 774 |              |         | 418242.01 | 1248885.69 |
|     | 5° 54' 10"   | 25.5    |           |            |
| 775 |              |         | 418267.35 | 1248888.31 |
|     | 39° 41' 58"  | 60.2    |           |            |
| 776 |              |         | 418313.64 | 1248926.74 |
|     | 28° 54' 49"  | 187.5   |           |            |
| 777 |              |         | 418477.76 | 1249017.39 |
|     | 270° 43' 1"  | 103.9   |           |            |
| 778 |              |         | 418479.06 | 1248913.54 |
|     | 277° 38' 50" | 68.2    |           |            |
| 779 |              |         | 418488.13 | 1248845.99 |
|     | 275° 3' 24"  | 39.6    |           |            |
| 780 |              |         | 418491.62 | 1248806.55 |
|     | 346° 59' 18" | 107.1   |           |            |
| 781 |              |         | 418596    | 1248782.43 |
|     | 260° 2' 35"  | 93.9    |           |            |
| 782 |              |         | 418579.76 | 1248689.92 |
|     | 189° 4' 56"  | 20.1    |           |            |
| 783 |              |         | 418559.93 | 1248686.75 |
|     | 273° 44' 41" | 74.4    |           |            |
| 784 |              |         | 418564.79 | 1248612.5  |
|     | 169° 50' 14" | 53      |           |            |
| 785 |              |         | 418512.63 | 1248621.85 |
|     | 271° 39' 47" | 48.6    |           |            |
| 786 |              |         | 418514.04 | 1248573.29 |
|     | 173° 53' 16" | 6.1     |           |            |
| 787 |              |         | 418507.97 | 1248573.94 |
|     | 270° 4' 7"   | 1 117.0 |           |            |
| 788 |              |         | 418509.31 | 1247456.94 |
|     | 180° 27' 42" | 504.9   |           |            |
| 789 |              |         | 418004.4  | 1247452.87 |
|     | 181° 26' 51" | 179.3   |           |            |
| 790 |              |         | 417825.13 | 1247448.34 |
|     | 270° 48' 7"  | 5       |           |            |
| 791 |              |         | 417825.2  | 1247443.34 |
|     | 180° 46' 37" | 175.5   |           |            |
| 792 |              |         | 417649.7  | 1247440.96 |
|     | 179° 12' 30" | 73.1    |           |            |
| 793 |              |         | 417576.59 | 1247441.97 |
|     | 181° 19' 17" | 43.8    |           |            |
| 794 |              |         | 417532.81 | 1247440.96 |
|     | 174° 53' 59" | 356.4   |           |            |
| 795 |              |         | 417177.86 | 1247472.64 |
|     | 177° 2' 55"  | 27.4    |           |            |
| 796 |              |         | 417150.51 | 1247474.05 |
|     | 174° 50' 54" | 27.8    |           |            |
| 797 |              |         | 417122.78 | 1247476.55 |
|     | 168° 1' 46"  | 130.5   |           |            |
| 798 |              |         | 416995.15 | 1247503.61 |
|     | 165° 12' 1"  | 106.9   |           |            |
| 799 |              |         | 416891.82 | 1247530.91 |
|     | 163° 6' 19"  | 307.5   |           |            |
| 800 |              |         | 416597.57 | 1247620.28 |
|     | 167° 34' 30" | 164     |           |            |
| 801 |              |         | 416437.44 | 1247655.56 |
|     | 167° 34' 35" | 191     |           |            |
| 802 |              |         | 416250.87 | 1247696.66 |
|     | 165° 44' 54" | 6.5     |           |            |

|     |              |       |           |            |
|-----|--------------|-------|-----------|------------|
| 803 |              |       | 416244.61 | 1247698.25 |
|     | 275° 10' 49" | 37.3  |           |            |
| 804 |              |       | 416247.98 | 1247661.08 |
|     | 273° 46' 1"  | 45.4  |           |            |
| 805 |              |       | 416250.96 | 1247615.82 |
|     | 268° 19' 36" | 18.8  |           |            |
| 806 |              |       | 416250.41 | 1247596.99 |
|     | 275° 42' 19" | 87    |           |            |
| 807 |              |       | 416259.06 | 1247510.41 |
|     | 279° 58' 26" | 143.4 |           |            |
| 808 |              |       | 416283.9  | 1247369.16 |
|     | 166° 40' 1"  | 94.2  |           |            |
| 809 |              |       | 416192.21 | 1247390.89 |
|     | 270° 55' 34" | 60    |           |            |
| 810 |              |       | 416193.18 | 1247330.9  |
|     | 0° 55' 10"   | 86    |           |            |
| 811 |              |       | 416279.16 | 1247332.28 |
|     | 270° 57' 17" | 15    |           |            |
| 812 |              |       | 416279.41 | 1247317.28 |
|     | 271° 2' 8"   | 43.1  |           |            |
| 813 |              |       | 416280.19 | 1247274.14 |
|     | 182° 14' 21" | 78.8  |           |            |
| 814 |              |       | 416201.42 | 1247271.06 |
|     | 279° 36' 40" | 41.7  |           |            |
| 815 |              |       | 416208.39 | 1247229.9  |
|     | 279° 50' 6"  | 45.7  |           |            |
| 816 |              |       | 416216.2  | 1247184.85 |
|     | 282° 55' 52" | 29.8  |           |            |
| 817 |              |       | 416222.87 | 1247155.8  |
|     | 1° 43' 40"   | 46.4  |           |            |
| 818 |              |       | 416269.28 | 1247157.2  |
|     | 271° 23' 48" | 34.5  |           |            |
| 819 |              |       | 416270.12 | 1247122.75 |
|     | 318° 35' 31" | 11.2  |           |            |
| 820 |              |       | 416278.5  | 1247115.36 |
|     | 268° 24' 59" | 43.8  |           |            |
| 821 |              |       | 416277.29 | 1247071.59 |
|     | 258° 33' 25" | 33.8  |           |            |
| 822 |              |       | 416270.59 | 1247038.49 |
|     | 221° 20' 40" | 20.7  |           |            |
| 823 |              |       | 416255.02 | 1247024.79 |
|     | 191° 11' 0"  | 28.4  |           |            |
| 824 |              |       | 416227.15 | 1247019.28 |
|     | 203° 0' 36"  | 22.4  |           |            |
| 825 |              |       | 416206.57 | 1247010.54 |
|     | 240° 38' 2"  | 19.1  |           |            |
| 826 |              |       | 416197.19 | 1246993.87 |
|     | 279° 30' 26" | 29.4  |           |            |
| 827 |              |       | 416202.04 | 1246964.91 |
|     | 291° 37' 38" | 89.9  |           |            |
| 828 |              |       | 416235.17 | 1246881.35 |
|     | 287° 33' 11" | 144.3 |           |            |
| 829 |              |       | 416278.68 | 1246743.8  |
|     | 278° 56' 33" | 102.2 |           |            |
| 830 |              |       | 416294.57 | 1246642.82 |
|     | 272° 38' 21" | 155.3 |           |            |
| 831 |              |       | 416301.72 | 1246487.71 |
|     | 278° 37' 30" | 265.9 |           |            |
| 832 |              |       | 416341.6  | 1246224.8  |
|     | 280° 42' 47" | 93.6  |           |            |



|     |              |       |           |            |
|-----|--------------|-------|-----------|------------|
| 833 |              |       | 416359    | 1246132.83 |
|     | 278° 52' 34" | 106.9 |           |            |
| 834 |              |       | 416375.49 | 1246027.24 |
|     | 265° 49' 28" | 44.1  |           |            |
| 835 |              |       | 416372.28 | 1245983.27 |
|     | 281° 37' 47" | 720.3 |           |            |
| 836 |              |       | 416517.49 | 1245277.73 |
|     | 279° 19' 22" | 668.4 |           |            |
| 837 |              |       | 416625.77 | 1244618.16 |
|     | 279° 9' 22"  | 626.2 |           |            |
| 838 |              |       | 416725.42 | 1243999.91 |
|     | 282° 48' 47" | 468.4 |           |            |
| 839 |              |       | 416829.3  | 1243543.17 |
|     | 280° 38' 51" | 916   |           |            |
| 840 |              |       | 416998.54 | 1242642.98 |
|     | 299° 52' 10" | 41    |           |            |
| 841 |              |       | 417018.98 | 1242607.39 |
|     | 283° 54' 40" | 20    |           |            |
| 842 |              |       | 417023.79 | 1242587.97 |
|     | 21° 24' 49"  | 197.3 |           |            |
| 843 |              |       | 417207.51 | 1242660.02 |
|     | 18° 40' 51"  | 128.2 |           |            |
| 844 |              |       | 417328.95 | 1242701.08 |
|     | 15° 7' 48"   | 210.9 |           |            |
| 845 |              |       | 417532.51 | 1242756.12 |
|     | 10° 52' 13"  | 491.1 |           |            |
| 846 |              |       | 418014.77 | 1242848.73 |
|     | 273° 51' 47" | 752.2 |           |            |
| 847 |              |       | 418065.45 | 1242098.25 |
|     | 3° 54' 14"   | 132.6 |           |            |
| 848 |              |       | 418197.77 | 1242107.28 |
|     | 5° 17' 18"   | 516.4 |           |            |
| 849 |              |       | 418712    | 1242154.88 |
|     | 5° 24' 38"   | 435.2 |           |            |
| 850 |              |       | 419145.3  | 1242195.92 |
|     | 230° 55' 21" | 21.9  |           |            |
| 851 |              |       | 419131.52 | 1242178.95 |
|     | 271° 10' 49" | 147.1 |           |            |
| 852 |              |       | 419134.55 | 1242031.91 |
|     | 272° 14' 34" | 73.1  |           |            |
| 853 |              |       | 419137.41 | 1241958.89 |
|     | 272° 14' 31" | 100.7 |           |            |
| 854 |              |       | 419141.35 | 1241858.25 |
|     | 271° 5' 48"  | 51.7  |           |            |
| 855 |              |       | 419142.34 | 1241806.54 |
|     | 271° 5' 23"  | 51    |           |            |
| 856 |              |       | 419143.31 | 1241755.55 |
|     | 271° 5' 33"  | 96.5  |           |            |
| 857 |              |       | 419145.15 | 1241659.08 |
|     | 271° 5' 36"  | 23.1  |           |            |
| 858 |              |       | 419145.59 | 1241636.03 |
|     | 270° 14' 3"  | 92.9  |           |            |
| 859 |              |       | 419145.97 | 1241543.14 |
|     | 90° 0' 0"    | 58.6  |           |            |
| 860 |              |       | 419145.97 | 1241484.52 |
|     | 267° 12' 16" | 78.1  |           |            |
| 861 |              |       | 419142.16 | 1241406.49 |
|     | 268° 18' 19" | 60.5  |           |            |
| 862 |              |       | 419140.37 | 1241345.99 |
|     | 268° 17' 19" | 16.4  |           |            |

|     |              |       |           |            |
|-----|--------------|-------|-----------|------------|
| 863 |              |       | 419139.88 | 1241329.59 |
|     | 267° 47' 59" | 46.4  |           |            |
| 864 |              |       | 419138.1  | 1241283.26 |
|     | 267° 48' 31" | 43.2  |           |            |
| 865 |              |       | 419136.45 | 1241240.14 |
|     | 269° 34' 33" | 51.4  |           |            |
| 866 |              |       | 419136.07 | 1241188.79 |
|     | 269° 34' 1"  | 50.3  |           |            |
| 867 |              |       | 419135.69 | 1241138.5  |
|     | 268° 2' 15"  | 23.4  |           |            |
| 868 |              |       | 419134.89 | 1241115.15 |
|     | 268° 2' 21"  | 65.8  |           |            |
| 869 |              |       | 419132.64 | 1241049.43 |
|     | 267° 54' 16" | 29.8  |           |            |
| 870 |              |       | 419131.55 | 1241019.64 |
|     | 3° 16' 57"   | 249.7 |           |            |
| 871 |              |       | 419380.87 | 1241033.94 |
|     | 269° 39' 4"  | 396   |           |            |
| 872 |              |       | 419378.46 | 1240637.99 |
|     | 356° 42' 8"  | 52.3  |           |            |
| 873 |              |       | 419430.7  | 1240634.98 |
|     | 357° 33' 25" | 129.5 |           |            |
| 874 |              |       | 419560.08 | 1240629.46 |
|     | 357° 36' 17" | 2.6   |           |            |
| 875 |              |       | 419562.71 | 1240629.35 |
|     | 357° 33' 23" | 96.6  |           |            |
| 876 |              |       | 419659.26 | 1240625.23 |
|     | 357° 5' 42"  | 119.4 |           |            |
| 877 |              |       | 419778.49 | 1240619.18 |
|     | 357° 14' 41" | 227.6 |           |            |
| 878 |              |       | 420005.83 | 1240608.24 |
|     | 357° 3' 50"  | 116   |           |            |
| 879 |              |       | 420121.65 | 1240602.3  |
|     | 357° 34' 9"  | 89.1  |           |            |
| 880 |              |       | 420210.7  | 1240598.52 |
|     | 356° 56' 23" | 70.6  |           |            |
| 881 |              |       | 420281.22 | 1240594.75 |
|     | 357° 9' 21"  | 93.9  |           |            |
| 882 |              |       | 420375.02 | 1240590.09 |
|     | 357° 3' 30"  | 95.7  |           |            |
| 883 |              |       | 420470.57 | 1240585.18 |
|     | 356° 56' 26" | 123.1 |           |            |
| 884 |              |       | 420593.5  | 1240578.61 |
|     | 358° 21' 40" | 107.7 |           |            |
| 885 |              |       | 420701.16 | 1240575.53 |
|     | 11° 56' 10"  | 113.4 |           |            |
| 886 |              |       | 420812.09 | 1240598.98 |
|     | 357° 29' 2"  | 316.9 |           |            |
| 887 |              |       | 421128.67 | 1240585.07 |
|     | 328° 44' 13" | 41.7  |           |            |
| 888 |              |       | 421164.33 | 1240563.42 |
|     | 355° 38' 2"  | 21.5  |           |            |
| 889 |              |       | 421185.81 | 1240561.78 |
|     | 355° 39' 32" | 15.2  |           |            |
| 890 |              |       | 421200.96 | 1240560.63 |
|     | 341° 58' 21" | 42.2  |           |            |
| 891 |              |       | 421241.12 | 1240547.56 |
|     | 357° 27' 58" | 66.5  |           |            |
| 892 |              |       | 421307.56 | 1240544.62 |
|     | 357° 17' 54" | 107.1 |           |            |

|     |              |       |           |            |
|-----|--------------|-------|-----------|------------|
| 893 |              |       | 421414.58 | 1240539.57 |
|     | 357° 16' 10" | 77.7  |           |            |
| 894 |              |       | 421492.16 | 1240535.87 |
|     | 357° 29' 8"  | 87.5  |           |            |
| 895 |              |       | 421579.61 | 1240532.03 |
|     | 357° 27' 52" | 100.8 |           |            |
| 896 |              |       | 421680.33 | 1240527.57 |
|     | 357° 37' 8"  | 136   |           |            |
| 897 |              |       | 421816.21 | 1240521.92 |
|     | 357° 33' 35" | 61.5  |           |            |
| 898 |              |       | 421877.69 | 1240519.3  |
|     | 357° 16' 22" | 218.6 |           |            |
| 899 |              |       | 422096.02 | 1240508.9  |
|     | 357° 36' 16" | 132.3 |           |            |
| 900 |              |       | 422228.22 | 1240503.37 |
|     | 357° 14' 16" | 82.4  |           |            |
| 901 |              |       | 422310.51 | 1240499.4  |
|     | 10° 2' 4"    | 136.8 |           |            |
| 902 |              |       | 422445.18 | 1240523.23 |
|     | 0° 2' 22"    | 43.5  |           |            |
| 903 |              |       | 422488.63 | 1240523.26 |
|     | 352° 9' 12"  | 60.3  |           |            |
| 904 |              |       | 422548.35 | 1240515.03 |
|     | 334° 35' 28" | 41    |           |            |
| 905 |              |       | 422585.38 | 1240497.44 |
|     | 351° 57' 20" | 60.5  |           |            |
| 906 |              |       | 422645.31 | 1240488.97 |
|     | 332° 37' 16" | 9.8   |           |            |
| 907 |              |       | 422653.98 | 1240484.48 |
|     | 356° 43' 33" | 118   |           |            |
| 908 |              |       | 422771.8  | 1240477.74 |
|     | 357° 21' 1"  | 261.7 |           |            |
| 909 |              |       | 423033.26 | 1240465.64 |
|     | 357° 32' 36" | 252   |           |            |
| 910 |              |       | 423285.01 | 1240454.84 |
|     | 357° 3' 33"  | 83.6  |           |            |
| 911 |              |       | 423368.52 | 1240450.55 |
|     | 358° 14' 44" | 54.9  |           |            |
| 912 |              |       | 423423.37 | 1240448.87 |
|     | 359° 40' 39" | 96    |           |            |
| 913 |              |       | 423519.38 | 1240448.33 |
|     | 359° 39' 53" | 15.4  |           |            |
| 914 |              |       | 423534.76 | 1240448.24 |
|     | 15° 16' 50"  | 54.8  |           |            |
| 915 |              |       | 423587.65 | 1240462.69 |
|     | 359° 21' 27" | 13.4  |           |            |
| 916 |              |       | 423601.03 | 1240462.54 |
|     | 77° 55' 22"  | 79.4  |           |            |
| 917 |              |       | 423617.64 | 1240540.17 |
|     | 22° 27' 30"  | 59    |           |            |
| 918 |              |       | 423672.12 | 1240562.69 |
|     | 46° 29' 36"  | 23.6  |           |            |
| 919 |              |       | 423688.37 | 1240579.81 |
|     | 34° 41' 47"  | 27.6  |           |            |
| 920 |              |       | 423711.09 | 1240595.54 |
|     | 5° 51' 13"   | 102.8 |           |            |
| 921 |              |       | 423813.31 | 1240606.02 |
|     | 19° 17' 29"  | 37    |           |            |
| 922 |              |       | 423848.25 | 1240618.25 |
|     | 45° 56' 45"  | 37.7  |           |            |

|     |              |       |           |            |
|-----|--------------|-------|-----------|------------|
| 923 |              |       | 423874.46 | 1240645.34 |
|     | 60° 38' 34"  | 115.9 |           |            |
| 924 |              |       | 423931.26 | 1240746.32 |
|     | 50° 54' 24"  | 51.8  |           |            |
| 925 |              |       | 423963.93 | 1240786.53 |
|     | 50° 53' 46"  | 42.7  |           |            |
| 926 |              |       | 423990.89 | 1240819.7  |
|     | 29° 32' 28"  | 52.7  |           |            |
| 927 |              |       | 424036.75 | 1240845.69 |
|     | 29° 32' 13"  | 52.7  |           |            |
| 928 |              |       | 424082.6  | 1240871.67 |
|     | 359° 32' 23" | 99.6  |           |            |
| 929 |              |       | 424182.2  | 1240870.87 |
|     | 22° 18' 30"  | 34.8  |           |            |
| 930 |              |       | 424214.42 | 1240884.09 |
|     | 335° 10' 42" | 30.3  |           |            |
| 931 |              |       | 424241.9  | 1240871.38 |
|     | 5° 48' 50"   | 110.4 |           |            |
| 932 |              |       | 424351.7  | 1240882.56 |
|     | 8° 15' 56"   | 190.7 |           |            |
| 933 |              |       | 424540.45 | 1240909.98 |
|     | 343° 58' 9"  | 72.9  |           |            |
| 934 |              |       | 424610.51 | 1240889.85 |
|     | 50° 19' 49"  | 143.6 |           |            |
| 935 |              |       | 424702.15 | 1241000.35 |
|     | 48° 8' 42"   | 294.6 |           |            |
| 936 |              |       | 424898.73 | 1241219.79 |
|     | 48° 10' 38"  | 115.2 |           |            |
| 937 |              |       | 424975.55 | 1241305.64 |
|     | 44° 31' 46"  | 134.3 |           |            |
| 938 |              |       | 425071.31 | 1241399.84 |
|     | 40° 18' 8"   | 10.2  |           |            |
| 939 |              |       | 425079.08 | 1241406.43 |
|     | 45° 27' 58"  | 164.2 |           |            |
| 940 |              |       | 425194.26 | 1241523.5  |
|     | 45° 53' 5"   | 589.3 |           |            |
| 941 |              |       | 425604.49 | 1241946.6  |
|     | 48° 1' 4"    | 40.4  |           |            |
| 942 |              |       | 425631.53 | 1241976.65 |
|     | 45° 27' 56"  | 362.8 |           |            |
| 943 |              |       | 425885.99 | 1242235.28 |
|     | 39° 40' 49"  | 423.9 |           |            |
| 944 |              |       | 426212.24 | 1242505.95 |
|     | 319° 54' 16" | 349.2 |           |            |
| 945 |              |       | 426479.36 | 1242281.05 |
|     | 255° 9' 13"  | 135.9 |           |            |
| 946 |              |       | 426444.54 | 1242149.69 |
|     | 345° 57' 32" | 230.9 |           |            |
| 947 |              |       | 426668.54 | 1242093.67 |
|     | 346° 31' 11" | 286.2 |           |            |
| 948 |              |       | 426946.83 | 1242026.96 |
|     | 262° 11' 47" | 106.1 |           |            |
| 949 |              |       | 426932.42 | 1241921.81 |
|     | 348° 0' 17"  | 81.5  |           |            |
| 950 |              |       | 427012.15 | 1241904.87 |
|     | 341° 38' 25" | 252   |           |            |
| 951 |              |       | 427251.31 | 1241825.5  |
|     | 340° 57' 57" | 494.8 |           |            |
| 952 |              |       | 427719.06 | 1241664.13 |
|     | 336° 2' 1"   | 202.8 |           |            |

|     |              |       |           |            |
|-----|--------------|-------|-----------|------------|
| 953 |              |       | 427904.36 | 1241581.76 |
|     | 279° 9' 36"  | 227.9 |           |            |
| 954 |              |       | 427940.64 | 1241356.77 |
|     | 282° 15' 6"  | 171.7 |           |            |
| 955 |              |       | 427977.07 | 1241189.01 |
|     | 280° 31' 29" | 188.4 |           |            |
| 956 |              |       | 428011.48 | 1241003.8  |
|     | 282° 13' 52" | 210.6 |           |            |
| 957 |              |       | 428056.1  | 1240797.97 |
|     | 282° 31' 53" | 114.8 |           |            |
| 958 |              |       | 428081.01 | 1240685.9  |
|     | 282° 30' 59" | 40.8  |           |            |
| 959 |              |       | 428089.85 | 1240646.08 |
|     | 328° 36' 15" | 42.5  |           |            |
| 960 |              |       | 428126.16 | 1240623.92 |
|     | 327° 59' 25" | 42.7  |           |            |
| 961 |              |       | 428162.33 | 1240601.31 |
|     | 329° 37' 4"  | 107.6 |           |            |
| 962 |              |       | 428255.17 | 1240546.88 |
|     | 285° 18' 4"  | 46.9  |           |            |
| 963 |              |       | 428267.55 | 1240501.63 |
|     | 295° 4' 14"  | 5.1   |           |            |
| 964 |              |       | 428269.73 | 1240496.97 |
|     | 270° 39' 26" | 6.1   |           |            |
| 965 |              |       | 428269.8  | 1240490.87 |
|     | 261° 26' 51" | 21.1  |           |            |
| 966 |              |       | 428266.66 | 1240469.99 |
|     | 256° 22' 0"  | 27.6  |           |            |
| 967 |              |       | 428260.16 | 1240443.19 |
|     | 252° 5' 35"  | 11.3  |           |            |
| 968 |              |       | 428256.68 | 1240432.42 |
|     | 253° 34' 22" | 28.1  |           |            |
| 969 |              |       | 428248.64 | 1240405.15 |
|     | 253° 42' 17" | 29.5  |           |            |
| 970 |              |       | 428240.37 | 1240376.86 |
|     | 256° 19' 50" | 7.6   |           |            |
| 971 |              |       | 428238.58 | 1240369.5  |
|     | 253° 14' 4"  | 32.3  |           |            |
| 972 |              |       | 428229.25 | 1240338.53 |
|     | 252° 30' 15" | 30.9  |           |            |
| 973 |              |       | 428219.97 | 1240309.09 |
|     | 253° 32' 6"  | 7.7   |           |            |
| 974 |              |       | 428217.78 | 1240301.68 |
|     | 252° 14' 23" | 26.8  |           |            |
| 975 |              |       | 428209.59 | 1240276.11 |
|     | 253° 17' 0"  | 28.5  |           |            |
| 976 |              |       | 428201.4  | 1240248.84 |
|     | 249° 17' 5"  | 12.6  |           |            |
| 977 |              |       | 428196.93 | 1240237.02 |
|     | 252° 55' 23" | 34.3  |           |            |
| 978 |              |       | 428186.86 | 1240204.24 |
|     | 252° 7' 19"  | 26.7  |           |            |
| 979 |              |       | 428178.67 | 1240178.85 |
|     | 251° 42' 22" | 12.8  |           |            |
| 980 |              |       | 428174.64 | 1240166.66 |
|     | 253° 23' 41" | 26.2  |           |            |
| 981 |              |       | 428167.14 | 1240141.51 |
|     | 255° 7' 50"  | 103.8 |           |            |
| 982 |              |       | 428140.51 | 1240041.21 |
|     | 251° 25' 11" | 124.9 |           |            |

|      |              |       |           |            |
|------|--------------|-------|-----------|------------|
| 983  |              |       | 428100.72 | 1239922.84 |
|      | 343° 21' 55" | 23.8  |           |            |
| 984  |              |       | 428123.48 | 1239916.04 |
|      | 329° 44' 39" | 56.2  |           |            |
| 985  |              |       | 428172.03 | 1239887.72 |
|      | 337° 33' 11" | 89.7  |           |            |
| 986  |              |       | 428254.91 | 1239853.48 |
|      | 349° 28' 5"  | 65.3  |           |            |
| 987  |              |       | 428319.08 | 1239841.55 |
|      | 299° 21' 59" | 59.6  |           |            |
| 988  |              |       | 428348.29 | 1239789.64 |
|      | 318° 1' 25"  | 84.7  |           |            |
| 989  |              |       | 428411.27 | 1239732.98 |
|      | 331° 25' 30" | 124.7 |           |            |
| 990  |              |       | 428520.79 | 1239673.33 |
|      | 322° 59' 56" | 63.8  |           |            |
| 991  |              |       | 428571.72 | 1239634.95 |
|      | 322° 31' 32" | 90.1  |           |            |
| 992  |              |       | 428643.19 | 1239580.16 |
|      | 40° 11' 1"   | 55.5  |           |            |
| 993  |              |       | 428685.59 | 1239615.97 |
|      | 359° 40' 4"  | 82.8  |           |            |
| 994  |              |       | 428768.38 | 1239615.49 |
|      | 4° 56' 41"   | 109.3 |           |            |
| 995  |              |       | 428877.26 | 1239624.91 |
|      | 21° 33' 30"  | 62.2  |           |            |
| 996  |              |       | 428935.12 | 1239647.77 |
|      | 6° 29' 8"    | 137.8 |           |            |
| 997  |              |       | 429071.99 | 1239663.33 |
|      | 28° 46' 6"   | 68.3  |           |            |
| 998  |              |       | 429131.84 | 1239696.19 |
|      | 15° 20' 26"  | 38.8  |           |            |
| 999  |              |       | 429169.24 | 1239706.45 |
|      | 332° 57' 25" | 38.6  |           |            |
| 1000 |              |       | 429203.62 | 1239688.9  |
|      | 309° 33' 3"  | 116.1 |           |            |
| 1001 |              |       | 429277.54 | 1239599.39 |
|      | 318° 26' 1"  | 59.5  |           |            |
| 1002 |              |       | 429322.06 | 1239559.91 |
|      | 325° 56' 34" | 49.8  |           |            |
| 1003 |              |       | 429363.32 | 1239532.02 |
|      | 2° 18' 20"   | 54.4  |           |            |
| 1004 |              |       | 429417.71 | 1239534.21 |
|      | 342° 29' 34" | 76.6  |           |            |
| 1005 |              |       | 429490.72 | 1239511.18 |
|      | 348° 8' 39"  | 120.9 |           |            |
| 1006 |              |       | 429609    | 1239486.35 |
|      | 326° 3' 57"  | 44.3  |           |            |
| 1007 |              |       | 429645.77 | 1239461.61 |
|      | 44° 31' 22"  | 65.4  |           |            |
| 1008 |              |       | 429692.39 | 1239507.46 |
|      | 111° 50' 50" | 32.4  |           |            |
| 1009 |              |       | 429680.33 | 1239537.54 |
|      | 100° 51' 14" | 215   |           |            |
| 1010 |              |       | 429639.85 | 1239748.66 |
|      | 109° 5' 6"   | 49.9  |           |            |
| 1011 |              |       | 429623.54 | 1239795.8  |
|      | 102° 18' 4"  | 101.8 |           |            |
| 1012 |              |       | 429601.85 | 1239895.27 |
|      | 79° 26' 36"  | 242.2 |           |            |

|      |              |       |           |            |
|------|--------------|-------|-----------|------------|
| 1013 |              |       | 429646.23 | 1240133.41 |
|      | 101° 59' 4"  | 108.3 |           |            |
| 1014 |              |       | 429623.75 | 1240239.31 |
|      | 112° 52' 51" | 82.9  |           |            |
| 1015 |              |       | 429591.52 | 1240315.68 |
|      | 120° 40' 8"  | 111.4 |           |            |
| 1016 |              |       | 429534.72 | 1240411.46 |
|      | 117° 5' 5"   | 59.2  |           |            |
| 1017 |              |       | 429507.78 | 1240464.14 |
|      | 92° 23' 10"  | 58.8  |           |            |
| 1018 |              |       | 429505.33 | 1240522.93 |
|      | 73° 42' 3"   | 108.2 |           |            |
| 1019 |              |       | 429535.69 | 1240626.76 |
|      | 21° 24' 34"  | 51.3  |           |            |
| 1020 |              |       | 429583.46 | 1240645.49 |
|      | 58° 9' 24"   | 94.3  |           |            |
| 1021 |              |       | 429633.22 | 1240725.61 |
|      | 65° 30' 52"  | 63.1  |           |            |
| 1022 |              |       | 429659.37 | 1240783.03 |
|      | 56° 54' 31"  | 110.1 |           |            |
| 1023 |              |       | 429719.5  | 1240875.3  |
|      | 82° 50' 14"  | 43.4  |           |            |
| 1024 |              |       | 429724.91 | 1240918.35 |
|      | 63° 42' 23"  | 77.4  |           |            |
| 1025 |              |       | 429759.18 | 1240987.71 |
|      | 59° 36' 19"  | 60.9  |           |            |
| 1026 |              |       | 429790.01 | 1241040.27 |
|      | 77° 34' 47"  | 67.4  |           |            |
| 1027 |              |       | 429804.51 | 1241106.11 |
|      | 80° 31' 36"  | 43.6  |           |            |
| 1028 |              |       | 429811.69 | 1241149.14 |
|      | 74° 8' 2"    | 42.5  |           |            |
| 1029 |              |       | 429823.32 | 1241190.06 |
|      | 51° 5' 9"    | 32    |           |            |
| 1030 |              |       | 429843.43 | 1241214.97 |
|      | 14° 19' 42"  | 27.1  |           |            |
| 1031 |              |       | 429869.7  | 1241221.68 |
|      | 36° 52' 36"  | 182.4 |           |            |
| 1032 |              |       | 430015.61 | 1241331.14 |
|      | 100° 54' 58" | 40    |           |            |
| 1033 |              |       | 430008.04 | 1241370.39 |
|      | 102° 49' 22" | 38    |           |            |
| 1034 |              |       | 429999.6  | 1241407.47 |
|      | 95° 27' 22"  | 132.1 |           |            |
| 1035 |              |       | 429987.04 | 1241538.96 |
|      | 68° 15' 43"  | 351.4 |           |            |
| 1036 |              |       | 430117.2  | 1241865.41 |
|      | 67° 40' 56"  | 280.8 |           |            |
| 1037 |              |       | 430223.85 | 1242125.22 |
|      | 72° 47' 38"  | 202.3 |           |            |
| 1038 |              |       | 430283.69 | 1242318.46 |
|      | 348° 44' 22" | 769.7 |           |            |
| 1039 |              |       | 431038.59 | 1242168.16 |
|      | 351° 46' 1"  | 164.9 |           |            |
| 1040 |              |       | 431201.77 | 1242144.55 |
|      | 352° 36' 20" | 303.1 |           |            |
| 1041 |              |       | 431502.36 | 1242105.54 |
|      | 354° 57' 12" | 343.7 |           |            |
| 1042 |              |       | 431844.68 | 1242075.31 |
|      | 0° 12' 17"   | 427.7 |           |            |

|      |              |       |           |            |
|------|--------------|-------|-----------|------------|
| 1043 |              |       | 432272.39 | 1242076.84 |
|      | 0° 34' 12"   | 177.9 |           |            |
| 1044 |              |       | 432450.27 | 1242078.61 |
|      | 359° 31' 31" | 293.4 |           |            |
| 1045 |              |       | 432743.7  | 1242076.18 |
|      | 3° 23' 59"   | 234.2 |           |            |
| 1046 |              |       | 432977.5  | 1242090.07 |
|      | 2° 47' 16"   | 321.5 |           |            |
| 1047 |              |       | 433298.66 | 1242105.71 |
|      | 355° 15' 39" | 215.1 |           |            |
| 1048 |              |       | 433513.01 | 1242087.94 |
|      | 348° 16' 27" | 201.1 |           |            |
| 1049 |              |       | 433709.87 | 1242047.08 |
|      | 349° 35' 25" | 266.5 |           |            |
| 1050 |              |       | 433971.97 | 1241998.93 |
|      | 350° 38' 52" | 285.3 |           |            |
| 1051 |              |       | 434253.47 | 1241952.57 |
|      | 352° 33' 44" | 314.3 |           |            |
| 1052 |              |       | 434565.09 | 1241911.89 |
|      | 352° 30' 0"  | 269.9 |           |            |
| 1053 |              |       | 434832.69 | 1241876.66 |
|      | 350° 48' 20" | 26.7  |           |            |
| 1054 |              |       | 434859.07 | 1241872.39 |
|      | 350° 48' 25" | 144.8 |           |            |
| 1055 |              |       | 435001.99 | 1241849.26 |
|      | 352° 42' 47" | 40    |           |            |
| 1056 |              |       | 435041.64 | 1241844.19 |
|      | 350° 41' 35" | 3.7   |           |            |
| 1057 |              |       | 435045.26 | 1241843.6  |
|      | 350° 39' 8"  | 176.4 |           |            |
| 1058 |              |       | 435219.31 | 1241814.95 |
|      | 350° 49' 55" | 158.4 |           |            |
| 1059 |              |       | 435375.7  | 1241789.71 |
|      | 351° 13' 44" | 334   |           |            |
| 1060 |              |       | 435705.79 | 1241738.78 |
|      | 77° 59' 44"  | 16.8  |           |            |
| 1061 |              |       | 435709.29 | 1241755.24 |
|      | 76° 37' 10"  | 101.9 |           |            |
| 1062 |              |       | 435732.88 | 1241854.41 |
|      | 75° 36' 56"  | 30.4  |           |            |
| 1063 |              |       | 435740.42 | 1241883.81 |
|      | 74° 49' 22"  | 58    |           |            |
| 1064 |              |       | 435755.6  | 1241939.77 |
|      | 346° 42' 10" | 13.9  |           |            |
| 1065 |              |       | 435769.14 | 1241936.57 |
|      | 344° 30' 5"  | 204.1 |           |            |
| 1066 |              |       | 435965.86 | 1241882.02 |
|      | 342° 24' 38" | 24.9  |           |            |
| 1067 |              |       | 435989.55 | 1241874.51 |
|      | 341° 9' 9"   | 52.3  |           |            |
| 1068 |              |       | 436039.03 | 1241857.62 |
|      | 342° 45' 39" | 30.3  |           |            |
| 1069 |              |       | 436067.97 | 1241848.64 |
|      | 65° 8' 34"   | 220.3 |           |            |
| 1070 |              |       | 436160.56 | 1242048.5  |
|      | 65° 21' 24"  | 326.9 |           |            |
| 1071 |              |       | 436296.85 | 1242345.59 |
|      | 65° 16' 12"  | 281.1 |           |            |
| 1072 |              |       | 436414.45 | 1242600.92 |
|      | 65° 19' 13"  | 371.1 |           |            |



|      |              |       |           |            |
|------|--------------|-------|-----------|------------|
| 1073 |              |       | 436569.4  | 1242938.12 |
|      | 65° 19' 7"   | 233.7 |           |            |
| 1074 |              |       | 436666.99 | 1243150.48 |
|      | 65° 55' 48"  | 232.6 |           |            |
| 1075 |              |       | 436761.84 | 1243362.82 |
|      | 58° 47' 20"  | 41.4  |           |            |
| 1076 |              |       | 436783.27 | 1243398.19 |
|      | 322° 4' 44"  | 452.8 |           |            |
| 1077 |              |       | 437140.48 | 1243119.9  |
|      | 322° 33' 38" | 363   |           |            |
| 1078 |              |       | 437428.68 | 1242899.24 |
|      | 322° 13' 21" | 708.5 |           |            |
| 1079 |              |       | 437988.71 | 1242465.19 |
|      | 131° 14' 33" | 710   |           |            |
| 1    |              |       | 438550.05 | 1242028.91 |
|      |              |       |           |            |
| 1080 |              |       | 429875.61 | 1251718.77 |
|      | 101° 50' 26" | 70.9  |           |            |
| 1081 |              |       | 429861.06 | 1251788.17 |
|      | 146° 58' 55" | 396.5 |           |            |
| 1082 |              |       | 429528.6  | 1252004.22 |
|      | 274° 46' 34" | 113.4 |           |            |
| 1083 |              |       | 429538.04 | 1251891.24 |
|      | 273° 22' 13" | 17.5  |           |            |
| 1084 |              |       | 429539.07 | 1251873.75 |
|      | 272° 18' 2"  | 26.9  |           |            |
| 1085 |              |       | 429540.15 | 1251846.87 |
|      | 185° 44' 55" | 1.5   |           |            |
| 1086 |              |       | 429538.66 | 1251846.72 |
|      | 265° 21' 52" | 1.9   |           |            |
| 1087 |              |       | 429538.51 | 1251844.87 |
|      | 177° 55' 6"  | 9.6   |           |            |
| 1088 |              |       | 429528.88 | 1251845.22 |
|      | 180° 15' 7"  | 22.7  |           |            |
| 1089 |              |       | 429506.14 | 1251845.12 |
|      | 189° 12' 17" | 35.5  |           |            |
| 1090 |              |       | 429471.09 | 1251839.44 |
|      | 183° 56' 38" | 15.8  |           |            |
| 1091 |              |       | 429455.28 | 1251838.35 |
|      | 182° 14' 19" | 30    |           |            |
| 1092 |              |       | 429425.35 | 1251837.18 |
|      | 194° 17' 22" | 16.4  |           |            |
| 1093 |              |       | 429409.41 | 1251833.12 |
|      | 175° 39' 44" | 7.9   |           |            |
| 1094 |              |       | 429401.5  | 1251833.72 |
|      | 184° 28' 52" | 237.7 |           |            |
| 1095 |              |       | 429164.56 | 1251815.15 |
|      | 173° 40' 43" | 36.7  |           |            |
| 1096 |              |       | 429128.09 | 1251819.19 |

|      |              |       |           |            |
|------|--------------|-------|-----------|------------|
|      | 137° 54' 15" | 12.6  |           |            |
| 1097 |              |       | 429118.77 | 1251827.61 |
|      | 225° 23' 45" | 83.9  |           |            |
| 1098 |              |       | 429059.84 | 1251767.86 |
|      | 320° 50' 13" | 203   |           |            |
| 1099 |              |       | 429217.2  | 1251639.69 |
|      | 321° 21' 43" | 86.3  |           |            |
| 1100 |              |       | 429284.64 | 1251585.78 |
|      | 331° 8' 22"  | 29.8  |           |            |
| 1101 |              |       | 429310.75 | 1251571.39 |
|      | 343° 5' 22"  | 141.9 |           |            |
| 1102 |              |       | 429446.53 | 1251530.11 |
|      | 356° 52' 27" | 157.4 |           |            |
| 1103 |              |       | 429603.65 | 1251521.53 |
|      | 16° 19' 52"  | 78.7  |           |            |
| 1104 |              |       | 429679.21 | 1251543.67 |
|      | 58° 43' 9"   | 44.7  |           |            |
| 1105 |              |       | 429702.4  | 1251581.84 |
|      | 82° 20' 48"  | 67.8  |           |            |
| 1106 |              |       | 429711.43 | 1251649.04 |
|      | 47° 19' 21"  | 53.4  |           |            |
| 1107 |              |       | 429747.62 | 1251688.29 |
|      | 25° 56' 58"  | 19.2  |           |            |
| 1108 |              |       | 429764.84 | 1251696.67 |
|      | 32° 34' 8"   | 21.5  |           |            |
| 1109 |              |       | 429783    | 1251708.27 |
|      | 358° 9' 28"  | 56.9  |           |            |
| 1110 |              |       | 429839.9  | 1251706.44 |
|      | 356° 19' 39" | 22.3  |           |            |
| 1111 |              |       | 429862.18 | 1251705.01 |
|      | 323° 33' 55" | 19.2  |           |            |
| 1080 |              |       | 429875.61 | 1251718.77 |
|      |              |       |           |            |
| 1112 |              |       | 435825.72 | 1247302.76 |
|      | 265° 0' 5"   | 105   |           |            |
| 1113 |              |       | 435816.57 | 1247198.14 |
|      | 330° 54' 54" | 1.8   |           |            |
| 1114 |              |       | 435818.17 | 1247197.25 |
|      | 320° 2' 41"  | 55.4  |           |            |
| 1115 |              |       | 435860.64 | 1247161.67 |
|      | 341° 48' 48" | 99.2  |           |            |
| 1116 |              |       | 435954.85 | 1247130.72 |
|      | 331° 17' 23" | 66.6  |           |            |
| 1117 |              |       | 436013.22 | 1247098.75 |
|      | 333° 1' 5"   | 156.2 |           |            |
| 1118 |              |       | 436152.42 | 1247027.88 |

|      |              |         |           |            |
|------|--------------|---------|-----------|------------|
|      | 338° 50' 14" | 129.2   |           |            |
| 1119 |              |         | 436272.95 | 1246981.22 |
|      | 68° 43' 22"  | 44.6    |           |            |
| 1120 |              |         | 436289.15 | 1247022.82 |
|      | 343° 14' 30" | 223.2   |           |            |
| 1121 |              |         | 436502.85 | 1246958.47 |
|      | 73° 15' 3"   | 120.3   |           |            |
| 1122 |              |         | 436537.51 | 1247073.64 |
|      | 79° 50' 31"  | 11.5    |           |            |
| 1123 |              |         | 436539.54 | 1247084.97 |
|      | 161° 38' 6"  | 155.2   |           |            |
| 1124 |              |         | 436392.24 | 1247133.87 |
|      | 163° 2' 4"   | 355.1   |           |            |
| 1125 |              |         | 436052.55 | 1247237.5  |
|      | 163° 48' 8"  | 214.7   |           |            |
| 1126 |              |         | 435846.34 | 1247297.4  |
|      | 165° 19' 15" | 20.3    |           |            |
| 1127 |              |         | 435826.68 | 1247302.55 |
|      | 297° 18' 44" | 0.98    |           |            |
| 1112 |              |         | 435825.72 | 1247302.76 |
|      |              |         |           |            |
| 1128 |              |         | 439956.35 | 1240950.06 |
|      | 86° 6' 39"   | 708.3   |           |            |
| 1129 |              |         | 440004.39 | 1241656.74 |
|      | 171° 25' 5"  | 766.8   |           |            |
| 1130 |              |         | 439246.19 | 1241771.16 |
|      | 198° 22' 37" | 81.5    |           |            |
| 1131 |              |         | 439168.89 | 1241745.48 |
|      | 199° 24' 40" | 176.9   |           |            |
| 1132 |              |         | 439002.08 | 1241686.7  |
|      | 321° 22' 1"  | 183.8   |           |            |
| 1133 |              |         | 439145.68 | 1241571.93 |
|      | 322° 30' 28" | 1 021.7 |           |            |
| 1128 |              |         | 439956.35 | 1240950.06 |
|      |              |         |           |            |
| 1134 |              |         | 435370.98 | 1240589.8  |
|      | 279° 44' 14" | 178.1   |           |            |
| 1135 |              |         | 435401.11 | 1240414.22 |
|      | 342° 17' 45" | 18.8    |           |            |
| 1136 |              |         | 435419.06 | 1240408.49 |
|      | 279° 27' 33" | 119.7   |           |            |
| 1137 |              |         | 435438.74 | 1240290.37 |
|      | 325° 45' 1"  | 19.6    |           |            |
| 1138 |              |         | 435454.94 | 1240279.34 |
|      | 283° 12' 39" | 23.2    |           |            |
| 1139 |              |         | 435460.25 | 1240256.72 |

|      |              |       |           |            |
|------|--------------|-------|-----------|------------|
|      | 276° 18' 21" | 16.7  |           |            |
| 1140 |              |       | 435462.08 | 1240240.16 |
|      | 228° 1' 40"  | 11.2  |           |            |
| 1141 |              |       | 435454.56 | 1240231.8  |
|      | 274° 4' 14"  | 16.5  |           |            |
| 1142 |              |       | 435455.73 | 1240215.36 |
|      | 292° 51' 44" | 14.5  |           |            |
| 1143 |              |       | 435461.38 | 1240201.96 |
|      | 324° 42' 22" | 15.6  |           |            |
| 1144 |              |       | 435474.08 | 1240192.97 |
|      | 344° 51' 39" | 26.8  |           |            |
| 1145 |              |       | 435499.99 | 1240185.96 |
|      | 2° 41' 0"    | 31.2  |           |            |
| 1146 |              |       | 435531.14 | 1240187.42 |
|      | 334° 15' 49" | 78.2  |           |            |
| 1147 |              |       | 435601.61 | 1240153.45 |
|      | 356° 43' 24" | 40.8  |           |            |
| 1148 |              |       | 435642.31 | 1240151.12 |
|      | 348° 30' 19" | 43.2  |           |            |
| 1149 |              |       | 435684.65 | 1240142.51 |
|      | 336° 22' 17" | 37.8  |           |            |
| 1150 |              |       | 435719.28 | 1240127.36 |
|      | 300° 43' 35" | 31.1  |           |            |
| 1151 |              |       | 435735.15 | 1240100.66 |
|      | 277° 1' 58"  | 84.9  |           |            |
| 1152 |              |       | 435745.54 | 1240016.44 |
|      | 302° 5' 59"  | 34.1  |           |            |
| 1153 |              |       | 435763.65 | 1239987.57 |
|      | 325° 51' 45" | 40.1  |           |            |
| 1154 |              |       | 435796.88 | 1239965.04 |
|      | 334° 51' 39" | 45.1  |           |            |
| 1155 |              |       | 435837.71 | 1239945.88 |
|      | 343° 21' 31" | 23.6  |           |            |
| 1156 |              |       | 435860.36 | 1239939.11 |
|      | 0° 31' 46"   | 37.9  |           |            |
| 1157 |              |       | 435898.22 | 1239939.46 |
|      | 43° 6' 41"   | 62    |           |            |
| 1158 |              |       | 435943.49 | 1239981.84 |
|      | 61° 34' 0"   | 66    |           |            |
| 1159 |              |       | 435974.91 | 1240039.87 |
|      | 96° 54' 37"  | 92    |           |            |
| 1160 |              |       | 435963.84 | 1240131.21 |
|      | 67° 2' 1"    | 115.6 |           |            |
| 1161 |              |       | 436008.96 | 1240237.68 |
|      | 86° 41' 30"  | 113.3 |           |            |
| 1162 |              |       | 436015.5  | 1240350.82 |

|      |              |       |           |            |
|------|--------------|-------|-----------|------------|
|      | 116° 16' 45" | 113   |           |            |
| 1163 |              |       | 435965.47 | 1240452.14 |
|      | 84° 35' 25"  | 89    |           |            |
| 1164 |              |       | 435973.86 | 1240540.74 |
|      | 65° 43' 7"   | 113   |           |            |
| 1165 |              |       | 436020.33 | 1240643.75 |
|      | 47° 14' 46"  | 35    |           |            |
| 1166 |              |       | 436044.09 | 1240669.45 |
|      | 31° 25' 53"  | 29    |           |            |
| 1167 |              |       | 436068.83 | 1240684.57 |
|      | 109° 35' 40" | 30    |           |            |
| 1168 |              |       | 436058.77 | 1240712.83 |
|      | 30° 3' 53"   | 113.5 |           |            |
| 1169 |              |       | 436156.98 | 1240769.68 |
|      | 43° 5' 37"   | 115   |           |            |
| 1170 |              |       | 436240.96 | 1240848.25 |
|      | 17° 15' 43"  | 74    |           |            |
| 1171 |              |       | 436311.63 | 1240870.21 |
|      | 0° 56' 10"   | 112   |           |            |
| 1172 |              |       | 436423.62 | 1240872.04 |
|      | 46° 3' 56"   | 27    |           |            |
| 1173 |              |       | 436442.35 | 1240891.48 |
|      | 16° 6' 55"   | 91.7  |           |            |
| 1174 |              |       | 436530.4  | 1240916.92 |
|      | 72° 53' 12"  | 36.6  |           |            |
| 1175 |              |       | 436541.17 | 1240951.9  |
|      | 99° 50' 19"  | 48.3  |           |            |
| 1176 |              |       | 436532.92 | 1240999.47 |
|      | 99° 49' 42"  | 25.7  |           |            |
| 1177 |              |       | 436528.53 | 1241024.81 |
|      | 96° 25' 6"   | 84    |           |            |
| 1178 |              |       | 436519.14 | 1241108.28 |
|      | 53° 51' 51"  | 54    |           |            |
| 1179 |              |       | 436550.99 | 1241151.9  |
|      | 23° 42' 27"  | 68    |           |            |
| 1180 |              |       | 436613.25 | 1241179.24 |
|      | 129° 54' 12" | 9     |           |            |
| 1181 |              |       | 436607.48 | 1241186.14 |
|      | 48° 20' 40"  | 48    |           |            |
| 1182 |              |       | 436639.38 | 1241222    |
|      | 34° 13' 26"  | 75    |           |            |
| 1183 |              |       | 436701.39 | 1241264.18 |
|      | 61° 17' 18"  | 158.5 |           |            |
| 1184 |              |       | 436777.51 | 1241403.15 |
|      | 166° 41' 27" | 181.3 |           |            |
| 1185 |              |       | 436601.06 | 1241444.89 |

|      |              |       |           |            |
|------|--------------|-------|-----------|------------|
|      | 164° 48' 28" | 404.4 |           |            |
| 1186 |              |       | 436210.81 | 1241550.86 |
|      | 166° 39' 39" | 468.6 |           |            |
| 1187 |              |       | 435754.86 | 1241658.97 |
|      | 171° 16' 44" | 441.2 |           |            |
| 1188 |              |       | 435318.74 | 1241725.87 |
|      | 169° 47' 55" | 263.2 |           |            |
| 1189 |              |       | 435059.67 | 1241772.49 |
|      | 286° 1' 33"  | 395   |           |            |
| 1190 |              |       | 435168.71 | 1241392.87 |
|      | 279° 39' 7"  | 127.6 |           |            |
| 1191 |              |       | 435190.1  | 1241267.1  |
|      | 284° 10' 59" | 474.5 |           |            |
| 1192 |              |       | 435306.36 | 1240807.08 |
|      | 284° 16' 7"  | 116   |           |            |
| 1193 |              |       | 435334.94 | 1240694.7  |
|      | 288° 57' 39" | 110.9 |           |            |
| 1134 |              |       | 435370.98 | 1240589.8  |
|      |              |       |           |            |
| 1194 |              |       | 439750.26 | 1236345.2  |
|      | 320° 1' 0"   | 67.4  |           |            |
| 1195 |              |       | 439801.87 | 1236301.92 |
|      | 317° 16' 32" | 566.5 |           |            |
| 1196 |              |       | 440218.02 | 1235917.58 |
|      | 55° 56' 18"  | 209.6 |           |            |
| 1197 |              |       | 440335.42 | 1236091.23 |
|      | 53° 31' 12"  | 256.8 |           |            |
| 1198 |              |       | 440488.11 | 1236297.73 |
|      | 51° 5' 0"    | 279.8 |           |            |
| 1199 |              |       | 440663.86 | 1236515.41 |
|      | 49° 48' 19"  | 20.2  |           |            |
| 1200 |              |       | 440676.88 | 1236530.82 |
|      | 39° 17' 21"  | 5.4   |           |            |
| 1201 |              |       | 440681.06 | 1236534.24 |
|      | 50° 36' 30"  | 143   |           |            |
| 1202 |              |       | 440771.79 | 1236644.73 |
|      | 49° 12' 9"   | 601   |           |            |
| 1203 |              |       | 441164.5  | 1237099.73 |
|      | 72° 34' 28"  | 4.3   |           |            |
| 1204 |              |       | 441165.79 | 1237103.84 |
|      | 49° 34' 32"  | 554.3 |           |            |
| 1205 |              |       | 441525.19 | 1237525.77 |
|      | 152° 44' 58" | 27.7  |           |            |
| 1206 |              |       | 441500.59 | 1237538.44 |
|      | 126° 8' 27"  | 81.1  |           |            |
| 1207 |              |       | 441452.74 | 1237603.96 |

|      |              |      |           |            |
|------|--------------|------|-----------|------------|
|      | 146° 40' 14" | 62.6 |           |            |
| 1208 |              |      | 441400.46 | 1237638.34 |
|      | 129° 55' 38" | 79.5 |           |            |
| 1209 |              |      | 441349.44 | 1237699.3  |
|      | 178° 39' 9"  | 61.2 |           |            |
| 1210 |              |      | 441288.21 | 1237700.74 |
|      | 142° 15' 23" | 36.3 |           |            |
| 1211 |              |      | 441259.48 | 1237722.98 |
|      | 172° 14' 18" | 22   |           |            |
| 1212 |              |      | 441237.69 | 1237725.95 |
|      | 145° 11' 42" | 41.9 |           |            |
| 1213 |              |      | 441203.28 | 1237749.87 |
|      | 181° 54' 17" | 17.4 |           |            |
| 1214 |              |      | 441185.84 | 1237749.29 |
|      | 225° 39' 40" | 14.1 |           |            |
| 1215 |              |      | 441175.99 | 1237739.21 |
|      | 265° 17' 41" | 43.9 |           |            |
| 1216 |              |      | 441172.39 | 1237695.47 |
|      | 239° 38' 28" | 10.9 |           |            |
| 1217 |              |      | 441166.89 | 1237686.08 |
|      | 220° 3' 57"  | 13.2 |           |            |
| 1218 |              |      | 441156.76 | 1237677.56 |
|      | 253° 52' 1"  | 65.5 |           |            |
| 1219 |              |      | 441138.56 | 1237614.64 |
|      | 236° 25' 35" | 6.8  |           |            |
| 1220 |              |      | 441134.79 | 1237608.96 |
|      | 142° 8' 49"  | 4.5  |           |            |
| 1221 |              |      | 441131.2  | 1237611.75 |
|      | 82° 15' 32"  | 26.7 |           |            |
| 1222 |              |      | 441134.79 | 1237638.16 |
|      | 73° 28' 27"  | 57.9 |           |            |
| 1223 |              |      | 441151.26 | 1237693.67 |
|      | 98° 34' 41"  | 31.1 |           |            |
| 1224 |              |      | 441146.62 | 1237724.43 |
|      | 135° 6' 8"   | 19.8 |           |            |
| 1225 |              |      | 441132.59 | 1237738.41 |
|      | 177° 21' 24" | 42.3 |           |            |
| 1226 |              |      | 441090.35 | 1237740.36 |
|      | 204° 44' 13" | 24.1 |           |            |
| 1227 |              |      | 441068.45 | 1237730.27 |
|      | 249° 39' 32" | 45.8 |           |            |
| 1228 |              |      | 441052.52 | 1237687.3  |
|      | 119° 21' 39" | 9.4  |           |            |
| 1229 |              |      | 441047.89 | 1237695.53 |
|      | 82° 16' 44"  | 41.4 |           |            |
| 1230 |              |      | 441053.45 | 1237736.54 |

|      |              |       |           |            |
|------|--------------|-------|-----------|------------|
|      | 37° 1' 0"    | 14.8  |           |            |
| 1231 |              |       | 441065.28 | 1237745.46 |
|      | 14° 7' 55"   | 55.1  |           |            |
| 1232 |              |       | 441118.7  | 1237758.91 |
|      | 52° 43' 58"  | 17    |           |            |
| 1233 |              |       | 441129.01 | 1237772.46 |
|      | 96° 57' 38"  | 54    |           |            |
| 1234 |              |       | 441122.46 | 1237826.11 |
|      | 112° 5' 2"   | 18.8  |           |            |
| 1235 |              |       | 441115.38 | 1237843.56 |
|      | 131° 15' 36" | 23.2  |           |            |
| 1236 |              |       | 441100.08 | 1237861    |
|      | 178° 38' 13" | 24.4  |           |            |
| 1237 |              |       | 441075.7  | 1237861.58 |
|      | 142° 56' 10" | 7.7   |           |            |
| 1238 |              |       | 441069.57 | 1237866.21 |
|      | 75° 24' 53"  | 37.7  |           |            |
| 1239 |              |       | 441079.07 | 1237902.72 |
|      | 114° 13' 30" | 102.5 |           |            |
| 1240 |              |       | 441037    | 1237996.22 |
|      | 113° 43' 12" | 83.8  |           |            |
| 1241 |              |       | 441003.29 | 1238072.94 |
|      | 163° 13' 13" | 20.5  |           |            |
| 1242 |              |       | 440983.69 | 1238078.85 |
|      | 137° 46' 14" | 103.3 |           |            |
| 1243 |              |       | 440907.22 | 1238148.26 |
|      | 171° 10' 36" | 39.6  |           |            |
| 1244 |              |       | 440868.05 | 1238154.34 |
|      | 195° 25' 24" | 39.7  |           |            |
| 1245 |              |       | 440829.81 | 1238143.79 |
|      | 223° 36' 20" | 35.5  |           |            |
| 1246 |              |       | 440804.14 | 1238119.34 |
|      | 243° 51' 9"  | 64.4  |           |            |
| 1247 |              |       | 440775.75 | 1238061.51 |
|      | 209° 53' 1"  | 13.8  |           |            |
| 1248 |              |       | 440763.76 | 1238054.62 |
|      | 157° 38' 56" | 8.5   |           |            |
| 1249 |              |       | 440755.88 | 1238057.86 |
|      | 109° 16' 35" | 14    |           |            |
| 1250 |              |       | 440751.26 | 1238071.07 |
|      | 84° 43' 47"  | 87    |           |            |
| 1251 |              |       | 440759.25 | 1238157.69 |
|      | 90° 22' 36"  | 60.8  |           |            |
| 1252 |              |       | 440758.85 | 1238218.53 |
|      | 119° 8' 14"  | 21.5  |           |            |
| 1253 |              |       | 440748.37 | 1238237.33 |



|      |              |       |           |            |
|------|--------------|-------|-----------|------------|
|      | 165° 35' 6"  | 52.1  |           |            |
| 1254 |              |       | 440697.91 | 1238250.3  |
|      | 174° 0' 1"   | 9.5   |           |            |
| 1255 |              |       | 440688.49 | 1238251.29 |
|      | 207° 22' 16" | 5.7   |           |            |
| 1256 |              |       | 440683.41 | 1238248.66 |
|      | 129° 47' 14" | 4     |           |            |
| 1257 |              |       | 440680.82 | 1238251.77 |
|      | 213° 41' 24" | 0     |           |            |
| 1258 |              |       | 440680.79 | 1238251.75 |
|      | 141° 43' 25" | 37.6  |           |            |
| 1259 |              |       | 440651.3  | 1238275.02 |
|      | 156° 22' 35" | 34    |           |            |
| 1260 |              |       | 440620.16 | 1238288.64 |
|      | 154° 47' 48" | 30.9  |           |            |
| 1261 |              |       | 440592.24 | 1238301.78 |
|      | 162° 26' 45" | 19.1  |           |            |
| 1262 |              |       | 440574    | 1238307.55 |
|      | 184° 12' 57" | 40.7  |           |            |
| 1263 |              |       | 440533.44 | 1238304.56 |
|      | 182° 56' 3"  | 122.3 |           |            |
| 1264 |              |       | 440411.31 | 1238298.3  |
|      | 209° 58' 32" | 22.8  |           |            |
| 1265 |              |       | 440391.58 | 1238286.92 |
|      | 173° 0' 37"  | 27.3  |           |            |
| 1266 |              |       | 440364.5  | 1238290.24 |
|      | 164° 2' 8"   | 29.3  |           |            |
| 1267 |              |       | 440336.36 | 1238298.29 |
|      | 125° 0' 8"   | 13.6  |           |            |
| 1268 |              |       | 440328.58 | 1238309.4  |
|      | 162° 49' 45" | 32.2  |           |            |
| 1269 |              |       | 440297.77 | 1238318.92 |
|      | 143° 58' 9"  | 25.7  |           |            |
| 1270 |              |       | 440277.01 | 1238334.02 |
|      | 122° 41' 58" | 9.6   |           |            |
| 1271 |              |       | 440271.81 | 1238342.12 |
|      | 235° 7' 7"   | 11.9  |           |            |
| 1272 |              |       | 440265.02 | 1238332.38 |
|      | 230° 38' 10" | 35.9  |           |            |
| 1273 |              |       | 440242.28 | 1238304.66 |
|      | 303° 14' 35" | 16    |           |            |
| 1274 |              |       | 440251.05 | 1238291.28 |
|      | 317° 11' 12" | 20.6  |           |            |
| 1275 |              |       | 440266.14 | 1238277.3  |
|      | 47° 39' 47"  | 29.4  |           |            |
| 1276 |              |       | 440285.92 | 1238299.01 |

|      |              |       |           |            |
|------|--------------|-------|-----------|------------|
|      | 317° 25' 56" | 62.8  |           |            |
| 1277 |              |       | 440332.18 | 1238256.52 |
|      | 227° 47' 51" | 40.6  |           |            |
| 1278 |              |       | 440304.93 | 1238226.47 |
|      | 320° 38' 56" | 45.2  |           |            |
| 1279 |              |       | 440339.87 | 1238197.82 |
|      | 44° 51' 36"  | 49.3  |           |            |
| 1280 |              |       | 440374.81 | 1238232.59 |
|      | 311° 40' 53" | 76.3  |           |            |
| 1281 |              |       | 440425.58 | 1238175.57 |
|      | 316° 29' 57" | 34.6  |           |            |
| 1282 |              |       | 440450.67 | 1238151.76 |
|      | 310° 41' 29" | 75    |           |            |
| 1283 |              |       | 440499.58 | 1238094.88 |
|      | 302° 48' 55" | 53.2  |           |            |
| 1284 |              |       | 440528.43 | 1238050.14 |
|      | 317° 37' 15" | 4     |           |            |
| 1285 |              |       | 440531.4  | 1238047.43 |
|      | 234° 38' 13" | 176.1 |           |            |
| 1286 |              |       | 440429.51 | 1237903.86 |
|      | 250° 13' 17" | 52.6  |           |            |
| 1287 |              |       | 440411.71 | 1237854.36 |
|      | 261° 37' 39" | 23.4  |           |            |
| 1288 |              |       | 440408.3  | 1237831.19 |
|      | 260° 59' 42" | 1.9   |           |            |
| 1289 |              |       | 440408.01 | 1237829.36 |
|      | 261° 34' 6"  | 49.7  |           |            |
| 1290 |              |       | 440400.72 | 1237780.18 |
|      | 256° 4' 25"  | 16.4  |           |            |
| 1291 |              |       | 440396.77 | 1237764.25 |
|      | 235° 26' 43" | 17.3  |           |            |
| 1292 |              |       | 440386.97 | 1237750.02 |
|      | 225° 0' 0"   | 0.8   |           |            |
| 1293 |              |       | 440386.43 | 1237749.48 |
|      | 202° 54' 20" | 0.8   |           |            |
| 1294 |              |       | 440385.72 | 1237749.18 |
|      | 191° 47' 50" | 391.6 |           |            |
| 1295 |              |       | 440002.41 | 1237669.12 |
|      | 192° 8' 26"  | 262.8 |           |            |
| 1296 |              |       | 439745.49 | 1237613.85 |
|      | 222° 54' 3"  | 8.1   |           |            |
| 1297 |              |       | 439739.55 | 1237608.33 |
|      | 234° 30' 44" | 61.3  |           |            |
| 1298 |              |       | 439703.98 | 1237558.44 |
|      | 234° 6' 26"  | 3.8   |           |            |
| 1299 |              |       | 439701.78 | 1237555.4  |

|      |              |       |           |            |
|------|--------------|-------|-----------|------------|
|      | 267° 20' 13" | 22.4  |           |            |
| 1300 |              |       | 439700.74 | 1237533.04 |
|      | 247° 53' 59" | 29.9  |           |            |
| 1301 |              |       | 439689.48 | 1237505.31 |
|      | 235° 26' 24" | 30    |           |            |
| 1302 |              |       | 439672.48 | 1237480.63 |
|      | 225° 21' 1"  | 176.9 |           |            |
| 1303 |              |       | 439548.14 | 1237354.76 |
|      | 227° 20' 48" | 174.4 |           |            |
| 1304 |              |       | 439429.96 | 1237226.48 |
|      | 309° 11' 51" | 18.5  |           |            |
| 1305 |              |       | 439441.63 | 1237212.17 |
|      | 301° 40' 16" | 25.3  |           |            |
| 1306 |              |       | 439454.9  | 1237190.66 |
|      | 279° 19' 11" | 33    |           |            |
| 1307 |              |       | 439460.25 | 1237158.06 |
|      | 242° 41' 37" | 29.7  |           |            |
| 1308 |              |       | 439446.61 | 1237131.64 |
|      | 236° 7' 18"  | 32.1  |           |            |
| 1309 |              |       | 439428.71 | 1237104.98 |
|      | 264° 56' 53" | 55.3  |           |            |
| 1310 |              |       | 439423.84 | 1237049.89 |
|      | 316° 32' 13" | 392   |           |            |
| 1311 |              |       | 439708.37 | 1236780.23 |
|      | 350° 13' 52" | 71    |           |            |
| 1312 |              |       | 439778.36 | 1236768.18 |
|      | 332° 20' 48" | 16.5  |           |            |
| 1313 |              |       | 439792.96 | 1236760.53 |
|      | 308° 21' 48" | 14.2  |           |            |
| 1314 |              |       | 439801.77 | 1236749.4  |
|      | 272° 23' 44" | 61    |           |            |
| 1315 |              |       | 439804.32 | 1236688.45 |
|      | 316° 43' 1"  | 188.8 |           |            |
| 1316 |              |       | 439941.75 | 1236559.02 |
|      | 228° 1' 49"  | 269.3 |           |            |
| 1317 |              |       | 439761.69 | 1236358.83 |
|      | 230° 1' 1"   | 17.8  |           |            |
| 1194 |              |       | 439750.26 | 1236345.2  |
|      |              |       |           |            |
| 1318 |              |       | 437228.49 | 1236702.34 |
|      | 353° 54' 14" | 19.7  |           |            |
| 1319 |              |       | 437248.06 | 1236700.25 |
|      | 356° 57' 8"  | 453.5 |           |            |
| 1320 |              |       | 437700.89 | 1236676.14 |
|      | 333° 42' 34" | 97    |           |            |
| 1321 |              |       | 437787.89 | 1236633.16 |

|      |              |       |           |            |
|------|--------------|-------|-----------|------------|
|      | 322° 44' 20" | 112   |           |            |
| 1322 |              |       | 437876.99 | 1236565.38 |
|      | 322° 4' 1"   | 154.6 |           |            |
| 1323 |              |       | 437998.93 | 1236470.34 |
|      | 338° 50' 41" | 74.6  |           |            |
| 1324 |              |       | 438068.47 | 1236443.43 |
|      | 344° 5' 21"  | 90.5  |           |            |
| 1325 |              |       | 438155.47 | 1236418.63 |
|      | 340° 2' 24"  | 133.1 |           |            |
| 1326 |              |       | 438280.56 | 1236373.2  |
|      | 340° 31' 10" | 187.5 |           |            |
| 1327 |              |       | 438457.36 | 1236310.66 |
|      | 339° 30' 33" | 104.8 |           |            |
| 1328 |              |       | 438555.54 | 1236273.97 |
|      | 71° 25' 55"  | 45    |           |            |
| 1329 |              |       | 438569.86 | 1236316.6  |
|      | 53° 7' 16"   | 38.4  |           |            |
| 1330 |              |       | 438592.93 | 1236347.35 |
|      | 49° 42' 40"  | 84.3  |           |            |
| 1331 |              |       | 438647.43 | 1236411.64 |
|      | 45° 59' 3"   | 129.2 |           |            |
| 1332 |              |       | 438737.23 | 1236504.58 |
|      | 47° 33' 43"  | 138.3 |           |            |
| 1333 |              |       | 438830.52 | 1236606.61 |
|      | 47° 14' 9"   | 253.2 |           |            |
| 1334 |              |       | 439002.43 | 1236792.49 |
|      | 48° 26' 9"   | 189.6 |           |            |
| 1335 |              |       | 439128.22 | 1236934.35 |
|      | 44° 5' 30"   | 197.6 |           |            |
| 1336 |              |       | 439270.16 | 1237071.86 |
|      | 45° 42' 45"  | 88.1  |           |            |
| 1337 |              |       | 439331.7  | 1237134.95 |
|      | 47° 17' 56"  | 308.5 |           |            |
| 1338 |              |       | 439540.91 | 1237361.66 |
|      | 45° 20' 49"  | 176.2 |           |            |
| 1339 |              |       | 439664.76 | 1237487.02 |
|      | 55° 24' 48"  | 28    |           |            |
| 1340 |              |       | 439680.66 | 1237510.08 |
|      | 67° 49' 19"  | 27.1  |           |            |
| 1341 |              |       | 439690.9  | 1237535.2  |
|      | 87° 25' 49"  | 29.2  |           |            |
| 1342 |              |       | 439692.21 | 1237564.39 |
|      | 150° 43' 44" | 311   |           |            |
| 1343 |              |       | 439420.92 | 1237716.45 |
|      | 147° 52' 19" | 891.3 |           |            |
| 1344 |              |       | 438666.15 | 1238190.43 |

|      |              |       |           |            |
|------|--------------|-------|-----------|------------|
|      | 225° 46' 53" | 109.4 |           |            |
| 1345 |              |       | 438589.87 | 1238112.04 |
|      | 233° 33' 47" | 78.8  |           |            |
| 1346 |              |       | 438543.05 | 1238048.62 |
|      | 224° 20' 18" | 43.5  |           |            |
| 1347 |              |       | 438511.95 | 1238018.23 |
|      | 204° 14' 27" | 134.9 |           |            |
| 1348 |              |       | 438388.96 | 1237962.85 |
|      | 115° 10' 41" | 51.7  |           |            |
| 1349 |              |       | 438366.95 | 1238009.67 |
|      | 143° 24' 3"  | 60.9  |           |            |
| 1350 |              |       | 438318.03 | 1238046    |
|      | 168° 18' 33" | 186.3 |           |            |
| 1351 |              |       | 438135.64 | 1238083.74 |
|      | 157° 51' 40" | 120.5 |           |            |
| 1352 |              |       | 438024    | 1238129.16 |
|      | 213° 35' 48" | 105.7 |           |            |
| 1353 |              |       | 437935.94 | 1238070.66 |
|      | 123° 35' 45" | 33.8  |           |            |
| 1354 |              |       | 437917.24 | 1238098.81 |
|      | 124° 39' 11" | 821.1 |           |            |
| 1355 |              |       | 437450.36 | 1238774.25 |
|      | 213° 37' 54" | 265.1 |           |            |
| 1356 |              |       | 437229.63 | 1238627.42 |
|      | 214° 1' 31"  | 818.2 |           |            |
| 1357 |              |       | 436551.53 | 1238169.6  |
|      | 303° 55' 20" | 16.4  |           |            |
| 1358 |              |       | 436560.69 | 1238155.98 |
|      | 228° 43' 51" | 63.6  |           |            |
| 1359 |              |       | 436518.76 | 1238108.2  |
|      | 90° 0' 0"    | 29.5  |           |            |
| 1360 |              |       | 436518.76 | 1238078.67 |
|      | 309° 43' 23" | 24.1  |           |            |
| 1361 |              |       | 436534.14 | 1238060.16 |
|      | 295° 41' 26" | 51.6  |           |            |
| 1362 |              |       | 436556.5  | 1238013.68 |
|      | 29° 28' 20"  | 75.6  |           |            |
| 1363 |              |       | 436622.36 | 1238050.9  |
|      | 304° 5' 25"  | 270.2 |           |            |
| 1364 |              |       | 436773.83 | 1237827.1  |
|      | 210° 17' 7"  | 110.8 |           |            |
| 1365 |              |       | 436678.13 | 1237771.21 |
|      | 296° 49' 19" | 368.8 |           |            |
| 1366 |              |       | 436844.52 | 1237442.13 |
|      | 306° 3' 40"  | 31    |           |            |
| 1367 |              |       | 436862.79 | 1237417.04 |

|      |              |       |           |            |
|------|--------------|-------|-----------|------------|
|      | 280° 52' 44" | 53.5  |           |            |
| 1368 |              |       | 436872.88 | 1237364.54 |
|      | 298° 21' 33" | 323.7 |           |            |
| 1369 |              |       | 437026.62 | 1237079.72 |
|      | 303° 38' 42" | 60.2  |           |            |
| 1370 |              |       | 437059.99 | 1237029.58 |
|      | 298° 52' 39" | 350.5 |           |            |
| 1371 |              |       | 437229.28 | 1236722.63 |
|      | 350° 6' 53"  | 20.3  |           |            |
| 1318 |              |       | 437228.49 | 1236702.34 |
|      |              |       |           |            |
| 1372 |              |       | 438437.3  | 1236512.12 |
|      | 70° 16' 42"  | 198.8 |           |            |
| 1373 |              |       | 438504.4  | 1236699.3  |
|      | 116° 39' 13" | 103.9 |           |            |
| 1374 |              |       | 438457.8  | 1236792.14 |
|      | 88° 38' 47"  | 90.6  |           |            |
| 1375 |              |       | 438459.94 | 1236882.71 |
|      | 154° 43' 49" | 3.6   |           |            |
| 1376 |              |       | 438456.72 | 1236884.23 |
|      | 145° 58' 34" | 24.8  |           |            |
| 1377 |              |       | 438436.19 | 1236898.09 |
|      | 167° 0' 19"  | 4.9   |           |            |
| 1378 |              |       | 438431.38 | 1236899.2  |
|      | 166° 42' 3"  | 36.4  |           |            |
| 1379 |              |       | 438395.97 | 1236907.57 |
|      | 148° 20' 21" | 110.7 |           |            |
| 1380 |              |       | 438301.77 | 1236965.66 |
|      | 236° 15' 51" | 20.9  |           |            |
| 1381 |              |       | 438290.19 | 1236948.32 |
|      | 196° 33' 8"  | 44.9  |           |            |
| 1382 |              |       | 438247.19 | 1236935.54 |
|      | 245° 7' 35"  | 154.8 |           |            |
| 1383 |              |       | 438182.06 | 1236795.06 |
|      | 250° 14' 42" | 59.6  |           |            |
| 1384 |              |       | 438161.92 | 1236738.98 |
|      | 191° 18' 39" | 110.9 |           |            |
| 1385 |              |       | 438053.13 | 1236717.22 |
|      | 214° 14' 15" | 81.6  |           |            |
| 1386 |              |       | 437985.7  | 1236671.33 |
|      | 179° 54' 30" | 62.6  |           |            |
| 1387 |              |       | 437923.12 | 1236671.43 |
|      | 249° 42' 52" | 7.9   |           |            |
| 1388 |              |       | 437920.37 | 1236663.99 |
|      | 322° 1' 44"  | 85.3  |           |            |
| 1389 |              |       | 437987.65 | 1236611.48 |

|      |              |       |           |            |
|------|--------------|-------|-----------|------------|
|      | 317° 10' 34" | 28.9  |           |            |
| 1390 |              |       | 438008.82 | 1236591.86 |
|      | 273° 18' 22" | 41.3  |           |            |
| 1391 |              |       | 438011.2  | 1236550.66 |
|      | 335° 10' 25" | 103.6 |           |            |
| 1392 |              |       | 438105.23 | 1236507.16 |
|      | 340° 59' 20" | 82.1  |           |            |
| 1393 |              |       | 438182.84 | 1236480.42 |
|      | 343° 50' 22" | 88.5  |           |            |
| 1394 |              |       | 438267.87 | 1236455.78 |
|      | 90° 0' 0"    | 37    |           |            |
| 1395 |              |       | 438304.85 | 1236455.78 |
|      | 62° 4' 16"   | 96.4  |           |            |
| 1396 |              |       | 438350    | 1236540.95 |
|      | 171° 48' 40" | 91.9  |           |            |
| 1372 |              |       | 438437.3  | 1236512.12 |

## Статья 8

Внести в Закон Тамбовской области от 21 июня 1996 года № 72-З «Об административно-территориальном устройстве Тамбовской области» (газета «Тамбовская жизнь», 1996, 10 июля; 1998, 1 августа; 1999, 12 января; 2008, 10 июня, 1 августа, 26 декабря; 2009, 8 мая, 31 июля; 2010, 9 февраля, 8 октября; 2011, 11 февраля, 6 декабря; 2012, 13 апреля; сайт сетевого издания «Тамбовская жизнь» ([www.tamlife.ru](http://www.tamlife.ru)), 2013, 4 июня, 11 ноября; 2014, 7 июня, 31 июля; 2015, 16 июня; 2017, 27 июля, 27 декабря; 2018, 5 апреля; Официальный интернет-портал правовой информации ([www.pravo.gov.ru](http://www.pravo.gov.ru)), 2019, 7 февраля, № 6800201902070004, 30 июля, № 6800201907300009; 2020, 3 декабря, № 6800202012030002; 2021, 22 сентября, № 6800202109220007; 2022, 2 февраля, № 6800202202020007, 28 октября, № 6800202210280015) следующие изменения:

1) в статье 7:

а) в части 1:

абзац второй изложить в следующей редакции:

«город областного значения с подчиненной ему территорией: город областного значения - Тамбов (внутригородские районы: Ленинский, Октябрьский, Советский), пос. Первомайский, пос. Строитель, с. Бокино, д. Лужки, пос. Тригуляй, д. Перикса, с. Покрово-Пригородное; города областного значения: Кирсанов, Котовск, Мичуринск, Моршанск, Рассказово, Уварово;»;

подпункты «д», «ф» и «э» пункта 20 признать утратившими силу;

б) абзацы седьмой, двадцать третий, тридцатый пункта 20 части 2 признать утратившими силу;

2) в абзаце втором статьи 10 слова «городским представительным органом» заменить словами «органом местного самоуправления»;

3) часть 5 статьи 17 признать утратившей силу.

## Статья 9

Внести в Закон Тамбовской области от 25 февраля 2017 года № 86-З «Об отдельных вопросах организации местного самоуправления в Тамбовской области» (Официальный интернет-портал правовой информации ([www.pravo.gov.ru](http://www.pravo.gov.ru)), 2017, 3 марта, № 6800201703030021; сайт сетевого издания «Тамбовская жизнь» ([www.tamlife.ru](http://www.tamlife.ru)), 2017, 27 июля) следующие изменения:

1) в приложении 1 слова «Бокинский сельский Совет народных депутатов Тамбовского района Тамбовской области», «Покрово-Пригородный сельский Совет народных депутатов Тамбовского района Тамбовской области», «Цнинский сельский Совет народных депутатов Тамбовского района Тамбовской области» исключить;

2) в приложении 2 слова «глава Бокинского сельсовета Тамбовского района Тамбовской области», «глава Покрово-Пригородного сельсовета Тамбовского района Тамбовской области», «глава Цнинского сельсовета Тамбовского района Тамбовской области» исключить.

## Статья 10

Внести в статью 1 Закона Тамбовской области от 17 сентября 2004 года № 231-З «О наделении муниципальных образований Тамбовской области статусом сельского, городского поселения, городского округа, муниципального района» (газета «Тамбовская жизнь», 2004, 18 сентября; 2009, 3 июня; 2010, 6 января, 7 мая, 8 октября; 2011, 11 февраля; сайт сетевого издания «Тамбовская жизнь» ([www.tamlife.ru](http://www.tamlife.ru)), 2013, 4 июня; 2014, 7 июня, 31 июля; 2017, 27 июля) следующее изменение:

в пункте 20 слова «Бокинский сельсовет;», «Покрово-Пригородный сельсовет;», «Цнинский сельсовет;» исключить.

## Статья 11

Внести в Закон Тамбовской области от 30 ноября 2018 года № 295-З «Об установлении границ муниципальных образований Тамбовского района Тамбовской области и определении места нахождения их представительных органов и о признании утратившими силу отдельных положений некоторых законодательных актов Тамбовской области» (сайт сетевого издания «Тамбовская жизнь» ([www.tamlife.ru](http://www.tamlife.ru)), 2018, 30 ноября; 2021, 22 сентября; Официальный интернет-портал правовой информации ([www.pravo.gov.ru](http://www.pravo.gov.ru)), 2022, 3 марта, № 6800202203030020) следующие изменения:

- 1) пункты 5, 16, 23 статьи 2 признать утратившими силу;
- 2) пункты 5, 17, 24 статьи 4 признать утратившими силу;
- 3) приложение 1 изложить в следующей редакции:



«Приложение 1  
к Закону Тамбовской области  
«Об установлении границ муниципальных образований Тамбовского района Тамбовской области и определении места нахождения их представительных органов и о признании утратившими силу отдельных положений некоторых законодательных актов Тамбовской области»

**Схема границ  
муниципального образования - Тамбовский район  
Тамбовской области**



**Описание  
границ муниципального образования - Тамбовский район  
Тамбовской области**

**Участок 1**

**I. Участок границы с муниципальным образованием - Сосновский район Тамбовской области (от А до Б).**

Граница с муниципальным образованием - Сосновский район Тамбовской области проходит:

- от т. 1(А) до т. 521(Б) по границе Сосновского района Тамбовской области.

**II. Участок границы с муниципальным образованием - Бондарский район Тамбовской области (от Б до В).**

Граница с муниципальным образованием - Бондарский район Тамбовской области проходит:

- от т. 521(Б) до т. 807(В) по границе Бондарского района Тамбовской области.

**III. Участок границы с муниципальным образованием - Рассказовский район Тамбовской области (от В до Г).**

Граница с муниципальным образованием - Рассказовский район Тамбовской области проходит:

- от т. 807(В) до т. 915 по правому берегу пруда, затем по ручью, далее по краю лесного массива, пересекая ручей, от ручья по краю лесного массива, затем пересекая лесной массив;

- от т. 915 до т. 1029 пересекая лесной массив, затем по северной стороне лесного массива, далее по северо-западной границе лесного массива и по западной границе лесного массива;

- от т. 1029 до т. 1102 пересекая лесной массив, затем по южной стороне полосы отвода железной дороги, по границе приусадебных земель н.п. пос. Военсовхоз «Новая Ляда», далее по юго-западной стороны полосы отвода железной дороги;

- от т. 1102 до т. 1133 по границе приусадебных земель ж.-д. станции Рада;

- от т. 1133 до т. 1137 по границе лесного участка;

- от т. 1137 до т. 1144 по юго-восточной стороне полосы отвода железной дороги;

- от т. 1144 до т. 1166 по границе приусадебных земель пос. Георгиевский;

- от т. 1166 до т. 1173(Г) по юго-восточной стороне полосы отвода железной дороги.

**IV. Участок границы с муниципальным образованием - город Тамбов Тамбовской области (от Г до Д).**

Граница с муниципальным образованием - город Тамбов Тамбовской области проходит:

- от т. 1173(Г) до т. 1188 по южной стороне полосы отвода железной дороги;
- от т. 1188 до т. 1203 по правому берегу реки Цна;
- от т. 1203 до т. 1627 по границе города Тамбова;
- от т. 1627 до т. 1642 в общем восточном направлении по границе земельных участков, предназначенных для жилищного строительства;
- от т. 1642 до т. 1653 в общем северном направлении по границе земельных участков, предназначенных для жилищного строительства;
- от т. 1653 до 1655 на юго-запад по земельному участку акционерного общества Племенного завода «Пригородный»;
- от т. 1655 до т. 1679 на северо-запад вдоль восточной стороны строящейся автодороги;
- от т. 1679 до т. 1681 на юго-запад вдоль строящейся автодороги;
- от т. 1681 до т. 1684 в общем северо-западном направлении по проселочной дороге вдоль лесополосы;
- от т. 1684 до т. 1686 на юго-запад по южной стороне лесополосы;
- от т. 1686 до т. 1689 на север по западной стороне лесополосы;
- от т. 1689 до т. 1696 на запад по проселочной дороге, огибая микрорайон «Майский», до лесополосы;
- от т. 1696 до т. 1699 на юго-запад вдоль земельного участка акционерного общества Племенного завода «Пригородный»;
- от т. 1699 до т. 1700 на север вдоль древесно-кустарниковой растительности;
- от т. 1700 до т. 1705 вдоль южной стороны лесополосы;
- от т. 1705 до т. 1708 вдоль восточной стороны автодороги «Тамбов - Пенза»;
- от т. 1708 до т. 1709 по северо-восточной стороне ул. Мичуринской до восточной стороны автодороги «Тамбов - Пенза»;
- от т. 1709 до т. 1845 по границе города Тамбова;
- от т. 1845 до т. 1855 по юго-восточной стороне лесополосы;
- от т. 1855 до т. 1873 по пересыхающему ручью, пересекая полосу отвода автодороги «Воронеж - Тамбов»;
- от т. 1873 до т. 1917 по восточной стороне полосы отвода автодороги «Каспий»;
- от т. 1917 до т. 1918 по меже пахотных угодий;
- от т. 1918 до т. 1919 по восточной стороне лесополосы, затем по меже;
- от т. 1919 до т. 1939 по северной стороне лесополосы;
- от 1939 до т. 1942 по восточной стороне Татарского вала;
- от т. 1942 до т. 1943 по меже;
- от т. 1943 до т. 1947 по западной стороне лесополосы;
- от т. 1947 до т. 1981 по границе пахотных угодий, затем по южной стороне лесополосы, далее по меже нарушенных земель и пастбищного участка и доходит до полосы отвода ж/д «Тамбов - Обловка»;
- от т. 1981 до т. 1983 пересекает полосу отвода ж/д «Тамбов - Обловка» до полосы отвода а/д «Тамбов - Котовск - Кузьмино-Гать»;

- от т. 1983 до т. 1985(Д) пересекает полосу отвода а/д «Тамбов - Котовск - Кузьмино-Гать».

#### **V. Участок границы с муниципальным образованием - город Котовск Тамбовской области (от Д до Е).**

Граница с муниципальным образованием - город Котовск Тамбовской области проходит:

- от т. 1985(Д) до т. 2291(Е) по северо-восточной стороне полосы отвода автомобильной дороги «Тамбов-Котовск». Пересекая полосу отвода автомобильной дороги «Тамбов - Котовск» по южной стороне полосы отвода автомобильной дороги «Тамбов - Котовск», затем по заболоченной местности до полосы отвода автомобильной дороги, далее по южной стороне полосы отвода автомобильной дороги «Тамбов-Котовск». По грунтовой дороге до полосы отвода автомобильной дороги «Тамбов-Котовск», затем по восточной окраине дороги «Тамбов - Кузьмино - Гать», далее от автомобильной дороги «Тамбов - Кузьмино - Гать» по окраине с. Кузьмино-Гать. От окраины с. Кузьмино-Гать по старому руслу реки Цна, затем по середине реки Цна, далее по границе лесных кварталов и далее по границе складов ФКП «Тамбовский пороховой завод».

#### **VI. Участок границы с муниципальным образованием - Рассказовский район Тамбовской области (от Е до Ж).**

Граница с муниципальным образованием - Рассказовский район Тамбовской области проходит:

- от 2291(Е) до т. 2313(Ж) пересекая лесной массив, затем по берегу водохранилища, далее по плотине.

#### **VII. Участок границы с муниципальным образованием - Знаменский район Тамбовской области (от Ж до З).**

Граница с муниципальным образованием - Знаменский район Тамбовской области проходит:

- от т. 2313(Ж) до т. 2497 по границе лесного массива, затем по середине реки Лесной Тамбов, далее по границе лесного массива, пересекая пастбищный участок по юго-восточной стороне полевой дороги. Пересекая реку Лесной Тамбов и автодорогу «Тамбов - Котовск» - Старчики - Кариан - Строганово - Сампур, затем по юго-западной стороне автодороги «Тамбов - Котовск» - Старчики - Кариан - Строганово - Сампур и по северо-западной стороне полевой дороги, далее по середине реки Цна, пересекая лесной участок и железную дорогу по границе пастбищного участка и далее пересекает лесной массив;

- от т. 2497 до т. 2649 по середине реки Цна, затем по границе лесного массива, далее по середине реки Липовица и пересекая лесной массив по середине реки Липовица;

- от т. 2649 до т. 2710 по середине реки Липовица, затем по пастбищному участку, далее по северо-восточной стороне полевой дороги и по участку, занятому древесно - кустарниковой растительностью;
- от т. 2710 до т. 2789 по северо-восточной стороне автодороги Р-22 «Каспий» («Автомобильная дорога М-4 «Дон» - Тамбов - Волгоград - Астрахань»), затем пересекая автодорогу по юго-западной стороне автодороги Р-22 «Каспий» («Автомобильная дорога М 4 «Дон» - Тамбов - Волгоград - Астрахань»), далее по пастбищному участку и пересекая реку Б. Липовица по ручью. Пересекая реку Б. Липовица и автодорогу по юго-восточной стороне лесополосы, затем по северо-западной стороне полевой дороги, по юго-западной стороне лесополосы, далее по юго-восточной стороне полевой дороги и затем по юго-западной стороне лесополосы. По пастбищному участку, затем по северо-восточной и северной сторонам полевой дороги, далее по юго-восточной и северо-восточной сторонам полевой дороги;
- от т. 2789 до т. 2803 по юго-восточной стороне лесополосы, далее по меже;
- от т. 2803 до т. 3030 по пастбищному участку, по ручью, затем по пастбищному участку, далее по южной, западной и юго-западной сторонам лесополосы. По пастбищному участку, затем по середине пруда, плотине, далее по юго-западной стороне лесополосы. Пересекая автодорогу Р-193 «Воронеж-Тамбов» и лесополосы по западной и северной сторонам лесополосы, затем по пастбищному участку, далее по середине реки Бол. Липовица и по ручью. По юго-восточной, юго-западной сторонам лесополосы, затем по северо-западной стороне лесополосы, далее по юго-западной стороне полевой дороги и далее по пастбищному участку;
- от т. 3030 до т. 3078(З) по ручью, затем по юго-западной стороне полевой дороги, далее по северо-восточной стороне лесополосы и далее по северо-западной стороне полевой дороги.

### **VIII. Участок границы с муниципальным образованием - Петровский район Тамбовской области (от З до И).**

Граница с муниципальным образованием - Петровский район Тамбовской области проходит:

- от т. 3078(З) до т. 3272(И) по границе Петровского района Тамбовской области.

### **IX. Участок границы с муниципальным образованием - Никифоровский район Тамбовской области (от И до А).**

Граница с муниципальным образованием - Никифоровский район Тамбовской области проходит:

- от т. 3272(И) до т. 3416 по юго-западной стороне лесополосы, затем по северо-западной стороне полевой дороги, далее по юго-западной стороне лесополосы. По юго-восточной стороне полосы отвода автодороги Р-119 «Орел - Ливны - Елец - Липецк - Тамбов», затем пересекая автодорогу по

северо-восточной стороне автодороги, далее по северо-восточной стороне автодороги. По северо-западной стороне лесополосы, затем пересекая ручей по северо-западной стороне полевой дороги, далее по меже и пересекая автодорогу по пастбищному участку. По ручью, затем по середине реки Малая Сурина, далее по меже и по северо-западной стороне полевой дороги;

- от т. 3416 до т. 3435 по северо-западной и северной сторонам полевой дороги, затем по северной стороне лесополосы, далее по пастбищному участку. По середине пруда, затем по пастбищному участку, далее по северо-западной стороне полевой дороги и далее по юго-западной стороне лесополосы;

- от т. 3435 до т. 3479 по северо-восточной и восточной сторонам полевой дороги, затем пересекая ручей по западной стороне полевой дороги, далее по пастбищному участку и далее по северо-восточной стороне лесополосы;

- от т. 3479 до т. 3658 по юго-восточной стороне автодороги, затем по меже, далее по ручью и по меже. По границе приусадебных земель н.п. Красная Криуша, затем по середине реки Криуша, по ручью, далее по меже и далее пересекая ручей по юго-восточной стороне лесополосы;

- от т. 3658 до т. 3701 пересекая железную дорогу по юго-восточной стороне лесополосы, затем по границе участка, занятого многолетними насаждениями, далее по ручью;

- от т. 3701 до т. 1(А) по границе пастбищного участка, далее пересекая лесополосу.

#### **Х. Участок границы с муниципальным образованием - город Тамбов Тамбовской области (от К до К).**

Граница с муниципальным образованием - город Тамбов Тамбовской области проходит:

- от т. 3966(К) до т. 3966(К) по границе города Тамбова.

#### **XI. Участок границы с муниципальным образованием - город Тамбов Тамбовской области (от Л до Л).**

Граница с муниципальным образованием - город Тамбов Тамбовской области проходит:

- от т. 4020(Л) до т. 4020(Л) по границе города Тамбова.

#### **XII. Участок границы с муниципальным образованием - город Тамбов Тамбовской области (от М до М).**

Граница с муниципальным образованием - город Тамбов Тамбовской области проходит:

- от т. 4144(М) до т. 4144(М) по границе города Тамбова.

**XIII. Участок границы с муниципальным образованием - город Тамбов Тамбовской области (от Н до Н).**

Граница с муниципальным образованием - город Тамбов Тамбовской области проходит:

- от т. 4204(Н) до т. 4204(Н) по границе города Тамбова.

**Участок 2**

**XIV. Участок границы с муниципальным образованием - город Тамбов Тамбовской области (от О до О).**

Граница с муниципальным образованием - город Тамбов Тамбовской области проходит:

- от т. 4210(О) до т. 4210(О) по границе города Тамбова.

**Участок 3**

**XV. Участок границы с муниципальным образованием - город Тамбов Тамбовской области (от П до П).**

Граница с муниципальным образованием - город Тамбов Тамбовской области проходит:

- от т. 4242(П) до т. 4242(П) по границе города Тамбова.

**Участок 4**

**XVI. Участок границы с муниципальным образованием - город Тамбов Тамбовской области (от Р до Р).**

Граница с муниципальным образованием - город Тамбов Тамбовской области проходит:

- от т. 4267(Р) до т. 4268 по границе города Тамбова;

- от т. 4268 до т. 4277 в северо-западном, меняя направление на северо-восток, по границе земельных участков, предназначенных для жилищного строительства;

- от т. 4277 до т. 4278 на северо-восток, пересекая пустырь;

- от т. 4278 до т. 4267(Р) на юго-восток по восточной стороне автодороги.

**Каталог координат  
характерных точек границ муниципального образования -  
Тамбовский район Тамбовской области**

| Название<br>(номер)<br>межевого<br>знака | Дирекционные углы<br>(град. мин. сек.) | Длина линии<br>(м) | Х координата | У координата |
|--|--|--------------------|--------------|--------------|
| 1  |  |                    | 448840.44    | 1225408.38   |
| 2  | 138° 11' 25"                           | 73.6               | 448785.61    | 1225457.42   |
| 3  | 141° 19' 38"                           | 160.7              | 448660.18    | 1225557.81   |
|  | 142° 21' 8"                            | 105.2              |              |              |

|    |              |         |           |            |
|----|--------------|---------|-----------|------------|
| 4  |              |         | 448576.88 | 1225622.07 |
|    | 123° 21' 2"  | 198.6   |           |            |
| 5  |              |         | 448467.7  | 1225787.96 |
|    | 121° 58' 17" | 80.5    |           |            |
| 6  |              |         | 448425.05 | 1225856.29 |
|    | 124° 32' 44" | 152.3   |           |            |
| 7  |              |         | 448338.69 | 1225981.73 |
|    | 108° 56' 23" | 70.7    |           |            |
| 8  |              |         | 448315.75 | 1226048.58 |
|    | 109° 12' 32" | 295.4   |           |            |
| 9  |              |         | 448218.55 | 1226327.56 |
|    | 108° 43' 3"  | 392.4   |           |            |
| 10 |              |         | 448092.62 | 1226699.23 |
|    | 108° 35' 36" | 411.5   |           |            |
| 11 |              |         | 447961.41 | 1227089.26 |
|    | 86° 44' 50"  | 369.6   |           |            |
| 12 |              |         | 447982.38 | 1227458.24 |
|    | 88° 27' 3"   | 310.4   |           |            |
| 13 |              |         | 447990.77 | 1227768.51 |
|    | 73° 31' 15"  | 383.7   |           |            |
| 14 |              |         | 448099.61 | 1228136.44 |
|    | 3° 28' 18"   | 4.8     |           |            |
| 15 |              |         | 448104.39 | 1228136.73 |
|    | 75° 0' 38"   | 5.1     |           |            |
| 16 |              |         | 448105.71 | 1228141.66 |
|    | 74° 31' 43"  | 12.8    |           |            |
| 17 |              |         | 448109.12 | 1228153.98 |
|    | 74° 28' 33"  | 8.4     |           |            |
| 18 |              |         | 448111.37 | 1228162.08 |
|    | 181° 52' 49" | 7.3     |           |            |
| 19 |              |         | 448104.06 | 1228161.84 |
|    | 73° 18' 35"  | 286.5   |           |            |
| 20 |              |         | 448186.33 | 1228436.23 |
|    | 81° 19' 59"  | 345.8   |           |            |
| 21 |              |         | 448238.44 | 1228778.09 |
|    | 80° 0' 5"    | 1 134.2 |           |            |
| 22 |              |         | 448435.36 | 1229895.05 |
|    | 12° 13' 25"  | 36.9    |           |            |
| 23 |              |         | 448471.41 | 1229902.86 |
|    | 13° 29' 48"  | 169.5   |           |            |
| 24 |              |         | 448636.23 | 1229942.42 |
|    | 12° 20' 13"  | 41.1    |           |            |
| 25 |              |         | 448676.42 | 1229951.21 |
|    | 19° 22' 12"  | 11.8    |           |            |
| 26 |              |         | 448687.57 | 1229955.13 |
|    | 12° 41' 23"  | 176.2   |           |            |
| 27 |              |         | 448859.48 | 1229993.84 |
|    | 357° 31' 11" | 125.9   |           |            |
| 28 |              |         | 448985.3  | 1229988.39 |
|    | 356° 50' 31" | 297.7   |           |            |
| 29 |              |         | 449282.54 | 1229971.99 |
|    | 356° 16' 51" | 131.5   |           |            |
| 30 |              |         | 449413.77 | 1229963.46 |
|    | 355° 35' 16" | 23      |           |            |
| 31 |              |         | 449436.71 | 1229961.69 |
|    | 65° 17' 43"  | 779.7   |           |            |
| 32 |              |         | 449762.56 | 1230669.99 |
|    | 61° 59' 29"  | 228.3   |           |            |
| 33 |              |         | 449869.77 | 1230871.55 |
|    | 64° 29' 36"  | 365.5   |           |            |



|    |              |       |           |            |
|----|--------------|-------|-----------|------------|
| 34 |              |       | 450027.16 | 1231201.43 |
|    | 64° 40' 52"  | 511.6 |           |            |
| 35 |              |       | 450245.93 | 1231663.85 |
|    | 353° 38' 52" | 458.6 |           |            |
| 36 |              |       | 450701.72 | 1231613.11 |
|    | 353° 12' 16" | 288.6 |           |            |
| 37 |              |       | 450988.3  | 1231578.96 |
|    | 65° 13' 54"  | 144.1 |           |            |
| 38 |              |       | 451048.65 | 1231709.76 |
|    | 62° 21' 37"  | 18.6  |           |            |
| 39 |              |       | 451057.28 | 1231726.24 |
|    | 64° 49' 27"  | 219.8 |           |            |
| 40 |              |       | 451150.8  | 1231925.2  |
|    | 37° 53' 43"  | 7.4   |           |            |
| 41 |              |       | 451156.62 | 1231929.73 |
|    | 162° 39' 1"  | 37.9  |           |            |
| 42 |              |       | 451120.45 | 1231941.03 |
|    | 174° 9' 3"   | 61.7  |           |            |
| 43 |              |       | 451059.05 | 1231947.32 |
|    | 160° 39' 41" | 47.9  |           |            |
| 44 |              |       | 451013.83 | 1231963.19 |
|    | 136° 23' 9"  | 43.9  |           |            |
| 45 |              |       | 450982.08 | 1231993.44 |
|    | 117° 17' 33" | 31.3  |           |            |
| 46 |              |       | 450967.71 | 1232021.29 |
|    | 77° 22' 4"   | 15    |           |            |
| 47 |              |       | 450971    | 1232035.97 |
|    | 68° 25' 7"   | 41.5  |           |            |
| 48 |              |       | 450986.28 | 1232074.6  |
|    | 83° 39' 54"  | 35.3  |           |            |
| 49 |              |       | 450990.17 | 1232109.64 |
|    | 93° 33' 15"  | 38.7  |           |            |
| 50 |              |       | 450987.77 | 1232148.28 |
|    | 103° 29' 27" | 38.5  |           |            |
| 51 |              |       | 450978.79 | 1232185.71 |
|    | 41° 9' 37"   | 29.6  |           |            |
| 52 |              |       | 451001.05 | 1232205.17 |
|    | 36° 2' 21"   | 837   |           |            |
| 53 |              |       | 451677.86 | 1232697.61 |
|    | 166° 37' 47" | 222.2 |           |            |
| 54 |              |       | 451461.69 | 1232748.99 |
|    | 206° 0' 5"   | 458   |           |            |
| 55 |              |       | 451050.06 | 1232548.21 |
|    | 203° 55' 26" | 73.9  |           |            |
| 56 |              |       | 450982.55 | 1232518.26 |
|    | 205° 44' 22" | 46.3  |           |            |
| 57 |              |       | 450940.88 | 1232498.17 |
|    | 205° 48' 52" | 64.2  |           |            |
| 58 |              |       | 450883.1  | 1232470.22 |
|    | 205° 19' 6"  | 33.5  |           |            |
| 59 |              |       | 450852.81 | 1232455.89 |
|    | 205° 47' 38" | 100   |           |            |
| 60 |              |       | 450762.74 | 1232412.36 |
|    | 206° 1' 54"  | 76.4  |           |            |
| 61 |              |       | 450694.07 | 1232378.82 |
|    | 206° 2' 22"  | 21.5  |           |            |
| 62 |              |       | 450674.79 | 1232369.4  |
|    | 213° 12' 50" | 170.3 |           |            |
| 63 |              |       | 450532.32 | 1232276.12 |
|    | 149° 38' 17" | 57.5  |           |            |

|    |              |       |           |            |
|----|--------------|-------|-----------|------------|
| 64 |              |       | 450482.73 | 1232305.17 |
|    | 160° 27' 2"  | 52.4  |           |            |
| 65 |              |       | 450433.39 | 1232322.69 |
|    | 149° 2' 53"  | 40.9  |           |            |
| 66 |              |       | 450398.34 | 1232343.71 |
|    | 122° 44' 0"  | 42    |           |            |
| 67 |              |       | 450375.61 | 1232379.07 |
|    | 83° 29' 56"  | 25.2  |           |            |
| 68 |              |       | 450378.46 | 1232404.08 |
|    | 100° 28' 45" | 44.9  |           |            |
| 69 |              |       | 450370.29 | 1232448.25 |
|    | 85° 52' 11"  | 56.8  |           |            |
| 70 |              |       | 450374.38 | 1232504.89 |
|    | 73° 30' 50"  | 43.2  |           |            |
| 71 |              |       | 450386.65 | 1232546.35 |
|    | 81° 15' 10"  | 46.1  |           |            |
| 72 |              |       | 450393.66 | 1232591.91 |
|    | 97° 16' 7"   | 27.7  |           |            |
| 73 |              |       | 450390.16 | 1232619.35 |
|    | 109° 11' 11" | 28.5  |           |            |
| 74 |              |       | 450380.81 | 1232646.22 |
|    | 137° 15' 14" | 31.8  |           |            |
| 75 |              |       | 450357.44 | 1232667.82 |
|    | 148° 30' 48" | 42.5  |           |            |
| 76 |              |       | 450321.21 | 1232690.01 |
|    | 158° 12' 17" | 50.3  |           |            |
| 77 |              |       | 450274.47 | 1232708.7  |
|    | 124° 46' 12" | 25.6  |           |            |
| 78 |              |       | 450259.87 | 1232729.73 |
|    | 129° 9' 8"   | 186   |           |            |
| 79 |              |       | 450142.43 | 1232873.97 |
|    | 91° 18' 55"  | 152.5 |           |            |
| 80 |              |       | 450138.93 | 1233026.39 |
|    | 109° 30' 57" | 100.9 |           |            |
| 81 |              |       | 450105.22 | 1233121.5  |
|    | 135° 44' 51" | 6     |           |            |
| 82 |              |       | 450100.95 | 1233125.66 |
|    | 95° 39' 1"   | 314.5 |           |            |
| 83 |              |       | 450069.98 | 1233438.68 |
|    | 83° 44' 33"  | 300.2 |           |            |
| 84 |              |       | 450102.7  | 1233737.09 |
|    | 128° 5' 36"  | 171.4 |           |            |
| 85 |              |       | 449996.95 | 1233871.99 |
|    | 153° 47' 11" | 306.7 |           |            |
| 86 |              |       | 449721.76 | 1234007.48 |
|    | 153° 43' 56" | 208.5 |           |            |
| 87 |              |       | 449534.8  | 1234099.75 |
|    | 215° 38' 35" | 165.4 |           |            |
| 88 |              |       | 449400.42 | 1234003.39 |
|    | 156° 15' 53" | 265.5 |           |            |
| 89 |              |       | 449157.37 | 1234110.26 |
|    | 91° 3' 25"   | 158.3 |           |            |
| 90 |              |       | 449154.45 | 1234268.52 |
|    | 97° 43' 19"  | 195.7 |           |            |
| 91 |              |       | 449128.16 | 1234462.4  |
|    | 98° 40' 56"  | 199.7 |           |            |
| 92 |              |       | 449098.02 | 1234659.77 |
|    | 58° 50' 46"  | 63.1  |           |            |
| 93 |              |       | 449130.67 | 1234713.78 |
|    | 16° 4' 28"   | 19.5  |           |            |

|     |              |       |           |            |
|-----|--------------|-------|-----------|------------|
| 94  |              |       | 449149.41 | 1234719.18 |
|     | 68° 26' 39"  | 49.8  |           |            |
| 95  |              |       | 449167.7  | 1234765.48 |
|     | 7° 40' 40"   | 273.5 |           |            |
| 96  |              |       | 449438.74 | 1234802.02 |
|     | 354° 15' 4"  | 140.6 |           |            |
| 97  |              |       | 449578.6  | 1234787.94 |
|     | 284° 45' 46" | 103.4 |           |            |
| 98  |              |       | 449604.96 | 1234687.91 |
|     | 353° 5' 55"  | 226.9 |           |            |
| 99  |              |       | 449830.18 | 1234660.65 |
|     | 25° 56' 37"  | 98.6  |           |            |
| 100 |              |       | 449918.83 | 1234703.78 |
|     | 342° 38' 52" | 90.4  |           |            |
| 101 |              |       | 450005.08 | 1234676.83 |
|     | 308° 39' 28" | 90.1  |           |            |
| 102 |              |       | 450061.38 | 1234606.45 |
|     | 307° 5' 35"  | 92.4  |           |            |
| 103 |              |       | 450117.09 | 1234532.77 |
|     | 296° 11' 14" | 21    |           |            |
| 104 |              |       | 450126.37 | 1234513.9  |
|     | 286° 42' 6"  | 65.7  |           |            |
| 105 |              |       | 450145.24 | 1234451.01 |
|     | 340° 16' 47" | 84.3  |           |            |
| 106 |              |       | 450224.61 | 1234422.56 |
|     | 340° 46' 12" | 184.6 |           |            |
| 107 |              |       | 450398.91 | 1234361.76 |
|     | 339° 42' 18" | 69.9  |           |            |
| 108 |              |       | 450464.43 | 1234337.53 |
|     | 339° 59' 52" | 48.7  |           |            |
| 109 |              |       | 450510.17 | 1234320.88 |
|     | 313° 40' 26" | 146.4 |           |            |
| 110 |              |       | 450611.25 | 1234215.01 |
|     | 313° 26' 34" | 101.5 |           |            |
| 111 |              |       | 450681.03 | 1234141.33 |
|     | 331° 42' 56" | 158   |           |            |
| 112 |              |       | 450820.17 | 1234066.46 |
|     | 330° 9' 29"  | 154.9 |           |            |
| 113 |              |       | 450954.55 | 1233989.37 |
|     | 271° 45' 7"  | 76.5  |           |            |
| 114 |              |       | 450956.89 | 1233912.87 |
|     | 327° 54' 49" | 151.7 |           |            |
| 115 |              |       | 451085.43 | 1233832.28 |
|     | 329° 32' 3"  | 141.7 |           |            |
| 116 |              |       | 451207.54 | 1233760.45 |
|     | 22° 13' 57"  | 169.8 |           |            |
| 117 |              |       | 451364.7  | 1233824.69 |
|     | 23° 43' 21"  | 124   |           |            |
| 118 |              |       | 451478.23 | 1233874.58 |
|     | 23° 43' 49"  | 24.1  |           |            |
| 119 |              |       | 451500.25 | 1233884.26 |
|     | 33° 45' 53"  | 104   |           |            |
| 120 |              |       | 451586.72 | 1233942.07 |
|     | 34° 49' 31"  | 194.3 |           |            |
| 121 |              |       | 451746.22 | 1234053.03 |
|     | 35° 14' 46"  | 141.7 |           |            |
| 122 |              |       | 451861.91 | 1234134.78 |
|     | 304° 0' 57"  | 177.5 |           |            |
| 123 |              |       | 451961.23 | 1233987.62 |
|     | 65° 14' 14"  | 206.4 |           |            |

|     |              |       |           |            |
|-----|--------------|-------|-----------|------------|
| 124 |              |       | 452047.7  | 1234175.08 |
|     | 64° 35' 3"   | 193.3 |           |            |
| 125 |              |       | 452130.67 | 1234349.69 |
|     | 354° 20' 41" | 248.9 |           |            |
| 126 |              |       | 452378.39 | 1234325.16 |
|     | 92° 21' 58"  | 141.5 |           |            |
| 127 |              |       | 452372.55 | 1234466.49 |
|     | 341° 5' 42"  | 66.7  |           |            |
| 128 |              |       | 452435.65 | 1234444.88 |
|     | 310° 4' 53"  | 67    |           |            |
| 129 |              |       | 452478.77 | 1234393.64 |
|     | 310° 5' 11"  | 44.9  |           |            |
| 130 |              |       | 452507.69 | 1234359.28 |
|     | 312° 30' 23" | 252.2 |           |            |
| 131 |              |       | 452678.12 | 1234173.33 |
|     | 308° 54' 59" | 213.9 |           |            |
| 132 |              |       | 452812.5  | 1234006.89 |
|     | 316° 46' 25" | 223.4 |           |            |
| 133 |              |       | 452975.3  | 1233853.87 |
|     | 316° 45' 9"  | 18.7  |           |            |
| 134 |              |       | 452988.94 | 1233841.04 |
|     | 320° 41' 55" | 87.6  |           |            |
| 135 |              |       | 453056.72 | 1233785.56 |
|     | 320° 22' 9"  | 292.1 |           |            |
| 136 |              |       | 453281.66 | 1233599.27 |
|     | 309° 25' 53" | 310   |           |            |
| 137 |              |       | 453478.55 | 1233359.84 |
|     | 347° 28' 36" | 10.8  |           |            |
| 138 |              |       | 453489.13 | 1233357.49 |
|     | 347° 27' 36" | 212.4 |           |            |
| 139 |              |       | 453696.48 | 1233311.37 |
|     | 22° 23' 9"   | 21.1  |           |            |
| 140 |              |       | 453716    | 1233319.41 |
|     | 25° 0' 39"   | 169.8 |           |            |
| 141 |              |       | 453869.92 | 1233391.22 |
|     | 101° 17' 8"  | 130.3 |           |            |
| 142 |              |       | 453844.42 | 1233519    |
|     | 88° 4' 25"   | 31.2  |           |            |
| 143 |              |       | 453845.47 | 1233550.22 |
|     | 43° 15' 20"  | 341.7 |           |            |
| 144 |              |       | 454094.36 | 1233784.4  |
|     | 318° 36' 52" | 177.5 |           |            |
| 145 |              |       | 454227.57 | 1233667.02 |
|     | 41° 47' 13"  | 58.3  |           |            |
| 146 |              |       | 454271.03 | 1233705.86 |
|     | 318° 16' 22" | 68.1  |           |            |
| 147 |              |       | 454321.87 | 1233660.52 |
|     | 37° 35' 12"  | 105.8 |           |            |
| 148 |              |       | 454405.73 | 1233725.07 |
|     | 139° 18' 26" | 82.9  |           |            |
| 149 |              |       | 454342.84 | 1233779.15 |
|     | 92° 2' 48"   | 53.8  |           |            |
| 150 |              |       | 454340.92 | 1233832.87 |
|     | 36° 15' 37"  | 79    |           |            |
| 151 |              |       | 454404.6  | 1233879.58 |
|     | 16° 20' 36"  | 91.3  |           |            |
| 152 |              |       | 454492.24 | 1233905.28 |
|     | 17° 19' 3"   | 17.8  |           |            |
| 153 |              |       | 454509.27 | 1233910.59 |
|     | 17° 18' 29"  | 96    |           |            |

|     |              |       |           |            |
|-----|--------------|-------|-----------|------------|
| 154 |              |       | 454600.92 | 1233939.15 |
|     | 325° 49' 14" | 129.9 |           |            |
| 155 |              |       | 454708.42 | 1233866.15 |
|     | 326° 6' 57"  | 90.1  |           |            |
| 156 |              |       | 454783.2  | 1233815.93 |
|     | 346° 3' 14"  | 193.9 |           |            |
| 157 |              |       | 454971.34 | 1233769.21 |
|     | 315° 1' 0"   | 71.9  |           |            |
| 158 |              |       | 455022.17 | 1233718.41 |
|     | 316° 44' 52" | 231.8 |           |            |
| 159 |              |       | 455191.02 | 1233559.56 |
|     | 338° 17' 26" | 77.3  |           |            |
| 160 |              |       | 455262.88 | 1233530.95 |
|     | 283° 20' 21" | 66.4  |           |            |
| 161 |              |       | 455278.2  | 1233466.34 |
|     | 234° 1' 46"  | 88.9  |           |            |
| 162 |              |       | 455225.96 | 1233394.36 |
|     | 325° 27' 49" | 72.1  |           |            |
| 163 |              |       | 455285.36 | 1233353.48 |
|     | 323° 44' 22" | 80.1  |           |            |
| 164 |              |       | 455349.94 | 1233306.11 |
|     | 324° 28' 35" | 135.7 |           |            |
| 165 |              |       | 455460.36 | 1233227.28 |
|     | 303° 55' 33" | 124.6 |           |            |
| 166 |              |       | 455529.89 | 1233123.91 |
|     | 30° 18' 15"  | 123.8 |           |            |
| 167 |              |       | 455636.81 | 1233186.4  |
|     | 33° 32' 9"   | 131.1 |           |            |
| 168 |              |       | 455746.06 | 1233258.81 |
|     | 16° 47' 36"  | 64.7  |           |            |
| 169 |              |       | 455807.99 | 1233277.5  |
|     | 16° 14' 44"  | 194.1 |           |            |
| 170 |              |       | 455994.37 | 1233331.81 |
|     | 17° 11' 53"  | 189.6 |           |            |
| 171 |              |       | 456175.49 | 1233387.87 |
|     | 19° 49' 53"  | 218.6 |           |            |
| 172 |              |       | 456381.15 | 1233462.04 |
|     | 295° 19' 40" | 119.5 |           |            |
| 173 |              |       | 456432.28 | 1233354.01 |
|     | 296° 28' 54" | 323.2 |           |            |
| 174 |              |       | 456576.41 | 1233064.7  |
|     | 296° 40' 56" | 305.6 |           |            |
| 175 |              |       | 456713.64 | 1232791.64 |
|     | 358° 34' 27" | 477.5 |           |            |
| 176 |              |       | 457191.02 | 1232779.76 |
|     | 359° 0' 57"  | 23.3  |           |            |
| 177 |              |       | 457214.31 | 1232779.36 |
|     | 74° 29' 30"  | 98.3  |           |            |
| 178 |              |       | 457240.59 | 1232874.07 |
|     | 357° 37' 30" | 87.1  |           |            |
| 179 |              |       | 457327.63 | 1232870.46 |
|     | 336° 25' 1"  | 65.6  |           |            |
| 180 |              |       | 457387.74 | 1232844.22 |
|     | 332° 45' 49" | 13.7  |           |            |
| 181 |              |       | 457399.96 | 1232837.93 |
|     | 332° 31' 51" | 44.8  |           |            |
| 182 |              |       | 457439.7  | 1232817.27 |
|     | 356° 18' 47" | 56.3  |           |            |
| 183 |              |       | 457495.88 | 1232813.65 |
|     | 357° 3' 36"  | 74.9  |           |            |

|     |              |       |           |            |
|-----|--------------|-------|-----------|------------|
| 184 |              |       | 457570.65 | 1232809.81 |
|     | 355° 5' 5"   | 40.9  |           |            |
| 185 |              |       | 457611.35 | 1232806.31 |
|     | 353° 16' 3"  | 43.2  |           |            |
| 186 |              |       | 457654.3  | 1232801.24 |
|     | 273° 26' 36" | 3.5   |           |            |
| 187 |              |       | 457654.51 | 1232797.75 |
|     | 350° 29' 19" | 157.7 |           |            |
| 188 |              |       | 457810.05 | 1232771.69 |
|     | 35° 22' 4"   | 104.3 |           |            |
| 189 |              |       | 457895.1  | 1232832.06 |
|     | 33° 14' 44"  | 483.6 |           |            |
| 190 |              |       | 458299.57 | 1233097.2  |
|     | 32° 26' 29"  | 165.5 |           |            |
| 191 |              |       | 458439.21 | 1233185.96 |
|     | 33° 20' 6"   | 190.2 |           |            |
| 192 |              |       | 458598.13 | 1233290.49 |
|     | 32° 52' 0"   | 114.1 |           |            |
| 193 |              |       | 458693.95 | 1233352.4  |
|     | 7° 11' 22"   | 60.6  |           |            |
| 194 |              |       | 458754.12 | 1233359.99 |
|     | 7° 9' 49"    | 192   |           |            |
| 195 |              |       | 458944.59 | 1233383.93 |
|     | 7° 41' 13"   | 139.7 |           |            |
| 196 |              |       | 459083.06 | 1233402.62 |
|     | 4° 33' 25"   | 250.1 |           |            |
| 197 |              |       | 459332.35 | 1233422.49 |
|     | 7° 10' 29"   | 129.6 |           |            |
| 198 |              |       | 459460.96 | 1233438.68 |
|     | 7° 14' 27"   | 22.1  |           |            |
| 199 |              |       | 459482.84 | 1233441.46 |
|     | 2° 5' 12"    | 45    |           |            |
| 200 |              |       | 459527.85 | 1233443.1  |
|     | 7° 50' 47"   | 29.4  |           |            |
| 201 |              |       | 459557.02 | 1233447.12 |
|     | 9° 17' 36"   | 434.9 |           |            |
| 202 |              |       | 459986.26 | 1233517.36 |
|     | 21° 58' 39"  | 6     |           |            |
| 203 |              |       | 459991.86 | 1233519.62 |
|     | 10° 11' 31"  | 221.4 |           |            |
| 204 |              |       | 460209.73 | 1233558.79 |
|     | 14° 2' 10"   | 66.3  |           |            |
| 205 |              |       | 460274.09 | 1233574.88 |
|     | 9° 27' 48"   | 82.4  |           |            |
| 206 |              |       | 460355.38 | 1233588.43 |
|     | 7° 19' 25"   | 413.4 |           |            |
| 207 |              |       | 460765.42 | 1233641.13 |
|     | 0° 59' 1"    | 390.2 |           |            |
| 208 |              |       | 461155.59 | 1233647.83 |
|     | 1° 20' 48"   | 102.1 |           |            |
| 209 |              |       | 461257.68 | 1233650.23 |
|     | 0° 32' 7"    | 39.6  |           |            |
| 210 |              |       | 461297.27 | 1233650.6  |
|     | 0° 32' 42"   | 145   |           |            |
| 211 |              |       | 461442.3  | 1233651.98 |
|     | 0° 30' 3"    | 132.6 |           |            |
| 212 |              |       | 461574.93 | 1233653.14 |
|     | 23° 51' 26"  | 566   |           |            |
| 213 |              |       | 462092.58 | 1233882.07 |
|     | 82° 4' 15"   | 501.9 |           |            |

|     |              |       |           |            |
|-----|--------------|-------|-----------|------------|
| 214 |              |       | 462161.81 | 1234379.14 |
|     | 82° 17' 50"  | 748.2 |           |            |
| 215 |              |       | 462262.09 | 1235120.58 |
|     | 121° 53' 26" | 552.3 |           |            |
| 216 |              |       | 461970.33 | 1235589.48 |
|     | 121° 27' 14" | 360.8 |           |            |
| 217 |              |       | 461782.08 | 1235897.23 |
|     | 120° 59' 4"  | 170.8 |           |            |
| 218 |              |       | 461694.15 | 1236043.66 |
|     | 121° 23' 15" | 722.4 |           |            |
| 219 |              |       | 461317.91 | 1236660.34 |
|     | 118° 57' 27" | 215.8 |           |            |
| 220 |              |       | 461213.45 | 1236849.12 |
|     | 121° 38' 6"  | 119.1 |           |            |
| 221 |              |       | 461150.97 | 1236950.54 |
|     | 96° 46' 13"  | 475.3 |           |            |
| 222 |              |       | 461094.94 | 1237422.5  |
|     | 95° 32' 51"  | 98.3  |           |            |
| 223 |              |       | 461085.44 | 1237520.31 |
|     | 96° 27' 47"  | 244.7 |           |            |
| 224 |              |       | 461057.9  | 1237763.41 |
|     | 92° 34' 22"  | 155.5 |           |            |
| 225 |              |       | 461050.92 | 1237918.74 |
|     | 91° 30' 5"   | 190.1 |           |            |
| 226 |              |       | 461045.94 | 1238108.73 |
|     | 89° 27' 31"  | 550.4 |           |            |
| 227 |              |       | 461051.14 | 1238659.1  |
|     | 138° 34' 32" | 279.2 |           |            |
| 228 |              |       | 460841.75 | 1238843.86 |
|     | 101° 47' 58" | 240.9 |           |            |
| 229 |              |       | 460792.48 | 1239079.71 |
|     | 101° 52' 21" | 258.1 |           |            |
| 230 |              |       | 460739.37 | 1239332.33 |
|     | 100° 52' 14" | 500.2 |           |            |
| 231 |              |       | 460645.03 | 1239823.59 |
|     | 99° 45' 27"  | 611.6 |           |            |
| 232 |              |       | 460541.38 | 1240426.32 |
|     | 98° 33' 23"  | 696.8 |           |            |
| 233 |              |       | 460437.7  | 1241115.41 |
|     | 100° 37' 6"  | 56.2  |           |            |
| 234 |              |       | 460427.34 | 1241170.67 |
|     | 101° 34' 40" | 283.5 |           |            |
| 235 |              |       | 460370.44 | 1241448.41 |
|     | 95° 15' 3"   | 85.3  |           |            |
| 236 |              |       | 460362.63 | 1241533.39 |
|     | 353° 28' 3"  | 58.3  |           |            |
| 237 |              |       | 460420.53 | 1241526.76 |
|     | 353° 24' 25" | 4     |           |            |
| 238 |              |       | 460424.51 | 1241526.3  |
|     | 353° 23' 59" | 136.5 |           |            |
| 239 |              |       | 460560.11 | 1241510.61 |
|     | 353° 35' 50" | 225.2 |           |            |
| 240 |              |       | 460783.88 | 1241485.5  |
|     | 352° 52' 55" | 159.7 |           |            |
| 241 |              |       | 460942.36 | 1241465.71 |
|     | 353° 13' 42" | 149.4 |           |            |
| 242 |              |       | 461090.75 | 1241448.09 |
|     | 354° 8' 43"  | 71.3  |           |            |
| 243 |              |       | 461161.65 | 1241440.82 |
|     | 352° 54' 37" | 38.2  |           |            |

|     |              |       |           |            |
|-----|--------------|-------|-----------|------------|
| 244 |              |       | 461199.52 | 1241436.11 |
|     | 354° 20' 40" | 372.5 |           |            |
| 245 |              |       | 461570.23 | 1241399.4  |
|     | 353° 52' 31" | 64    |           |            |
| 246 |              |       | 461633.88 | 1241392.57 |
|     | 353° 47' 20" | 150.7 |           |            |
| 247 |              |       | 461783.66 | 1241376.27 |
|     | 354° 8' 37"  | 173.3 |           |            |
| 248 |              |       | 461956.03 | 1241358.59 |
|     | 354° 11' 7"  | 191.7 |           |            |
| 249 |              |       | 462146.73 | 1241339.17 |
|     | 354° 9' 23"  | 63.6  |           |            |
| 250 |              |       | 462209.95 | 1241332.7  |
|     | 353° 32' 39" | 69.6  |           |            |
| 251 |              |       | 462279.06 | 1241324.88 |
|     | 354° 24' 57" | 14    |           |            |
| 252 |              |       | 462292.97 | 1241323.52 |
|     | 353° 51' 2"  | 20.5  |           |            |
| 253 |              |       | 462313.39 | 1241321.32 |
|     | 353° 31' 47" | 59.5  |           |            |
| 254 |              |       | 462372.47 | 1241314.62 |
|     | 353° 32' 41" | 45.1  |           |            |
| 255 |              |       | 462417.28 | 1241309.55 |
|     | 354° 3' 35"  | 31.8  |           |            |
| 256 |              |       | 462448.9  | 1241306.26 |
|     | 353° 26' 19" | 162   |           |            |
| 257 |              |       | 462609.83 | 1241287.75 |
|     | 353° 38' 45" | 41.3  |           |            |
| 258 |              |       | 462650.87 | 1241283.18 |
|     | 353° 31' 50" | 13.2  |           |            |
| 259 |              |       | 462664.01 | 1241281.69 |
|     | 354° 16' 7"  | 79.9  |           |            |
| 260 |              |       | 462743.52 | 1241273.71 |
|     | 353° 59' 4"  | 203.5 |           |            |
| 261 |              |       | 462945.94 | 1241252.38 |
|     | 354° 8' 42"  | 28    |           |            |
| 262 |              |       | 462973.83 | 1241249.52 |
|     | 354° 48' 13" | 81    |           |            |
| 263 |              |       | 463054.54 | 1241242.18 |
|     | 74° 10' 21"  | 115.3 |           |            |
| 264 |              |       | 463085.99 | 1241353.12 |
|     | 67° 1' 32"   | 53.7  |           |            |
| 265 |              |       | 463106.95 | 1241402.56 |
|     | 58° 44' 56"  | 42.1  |           |            |
| 266 |              |       | 463128.79 | 1241438.55 |
|     | 44° 50' 0"   | 41.4  |           |            |
| 267 |              |       | 463158.14 | 1241467.73 |
|     | 31° 45' 3"   | 45.8  |           |            |
| 268 |              |       | 463197.1  | 1241491.84 |
|     | 37° 46' 30"  | 83.6  |           |            |
| 269 |              |       | 463263.14 | 1241543.02 |
|     | 43° 10' 39"  | 46.5  |           |            |
| 270 |              |       | 463297.03 | 1241574.82 |
|     | 55° 5' 9"    | 40.9  |           |            |
| 271 |              |       | 463320.44 | 1241608.36 |
|     | 69° 32' 0"   | 39    |           |            |
| 272 |              |       | 463334.07 | 1241644.88 |
|     | 95° 46' 46"  | 17.4  |           |            |
| 273 |              |       | 463332.32 | 1241662.17 |
|     | 110° 44' 45" | 50.8  |           |            |



|     |              |       |           |            |
|-----|--------------|-------|-----------|------------|
| 274 |              |       | 463314.32 | 1241709.69 |
|     | 115° 47' 27" | 75.5  |           |            |
| 275 |              |       | 463281.48 | 1241777.65 |
|     | 108° 19' 38" | 60.6  |           |            |
| 276 |              |       | 463262.44 | 1241835.13 |
|     | 90° 0' 0"    | 40.7  |           |            |
| 277 |              |       | 463262.44 | 1241875.83 |
|     | 105° 33' 38" | 17.6  |           |            |
| 278 |              |       | 463257.72 | 1241892.78 |
|     | 117° 36' 8"  | 64.5  |           |            |
| 279 |              |       | 463227.85 | 1241949.91 |
|     | 113° 25' 33" | 65.5  |           |            |
| 280 |              |       | 463201.81 | 1242010.01 |
|     | 117° 6' 56"  | 32.6  |           |            |
| 281 |              |       | 463186.96 | 1242039.01 |
|     | 102° 5' 57"  | 44.1  |           |            |
| 282 |              |       | 463177.71 | 1242082.16 |
|     | 93° 19' 40"  | 33.2  |           |            |
| 283 |              |       | 463175.78 | 1242115.35 |
|     | 78° 10' 3"   | 45.2  |           |            |
| 284 |              |       | 463185.04 | 1242159.55 |
|     | 74° 29' 37"  | 46.4  |           |            |
| 285 |              |       | 463197.45 | 1242204.28 |
|     | 76° 27' 57"  | 34.3  |           |            |
| 286 |              |       | 463205.48 | 1242237.64 |
|     | 60° 50' 53"  | 64.2  |           |            |
| 287 |              |       | 463236.76 | 1242293.72 |
|     | 52° 54' 57"  | 102.3 |           |            |
| 288 |              |       | 463298.43 | 1242375.31 |
|     | 50° 58' 52"  | 130.4 |           |            |
| 289 |              |       | 463380.54 | 1242476.64 |
|     | 49° 23' 58"  | 61.2  |           |            |
| 290 |              |       | 463420.37 | 1242523.11 |
|     | 56° 22' 33"  | 45.7  |           |            |
| 291 |              |       | 463445.7  | 1242561.2  |
|     | 65° 46' 43"  | 32.4  |           |            |
| 292 |              |       | 463458.98 | 1242590.72 |
|     | 73° 31' 52"  | 38.8  |           |            |
| 293 |              |       | 463469.98 | 1242627.93 |
|     | 77° 8' 38"   | 40.9  |           |            |
| 294 |              |       | 463479.07 | 1242667.76 |
|     | 69° 11' 4"   | 39.8  |           |            |
| 295 |              |       | 463493.22 | 1242704.98 |
|     | 78° 17' 6"   | 25    |           |            |
| 296 |              |       | 463498.29 | 1242729.43 |
|     | 88° 10' 12"  | 43.5  |           |            |
| 297 |              |       | 463499.68 | 1242772.94 |
|     | 346° 12' 41" | 274.2 |           |            |
| 298 |              |       | 463765.93 | 1242707.6  |
|     | 345° 1' 48"  | 239.8 |           |            |
| 299 |              |       | 463997.58 | 1242645.66 |
|     | 346° 4' 21"  | 540.4 |           |            |
| 300 |              |       | 464522.05 | 1242515.6  |
|     | 346° 36' 46" | 927.4 |           |            |
| 301 |              |       | 465424.22 | 1242300.89 |
|     | 347° 16' 56" | 622.1 |           |            |
| 302 |              |       | 466031.05 | 1242163.94 |
|     | 50° 11' 30"  | 27.1  |           |            |
| 303 |              |       | 466048.41 | 1242184.77 |
|     | 38° 57' 59"  | 74.7  |           |            |

|     |              |       |           |            |
|-----|--------------|-------|-----------|------------|
| 304 |              |       | 466106.47 | 1242231.73 |
|     | 64° 31' 11"  | 90    |           |            |
| 305 |              |       | 466145.18 | 1242312.96 |
|     | 74° 2' 32"   | 32.3  |           |            |
| 306 |              |       | 466154.07 | 1242344.05 |
|     | 41° 58' 47"  | 46    |           |            |
| 307 |              |       | 466188.29 | 1242374.84 |
|     | 44° 28' 35"  | 28.6  |           |            |
| 308 |              |       | 466208.72 | 1242394.9  |
|     | 92° 3' 32"   | 25.3  |           |            |
| 309 |              |       | 466207.81 | 1242420.21 |
|     | 96° 54' 47"  | 26.8  |           |            |
| 310 |              |       | 466204.58 | 1242446.85 |
|     | 82° 25' 4"   | 139.1 |           |            |
| 311 |              |       | 466222.94 | 1242584.78 |
|     | 94° 22' 8"   | 80.3  |           |            |
| 312 |              |       | 466216.82 | 1242664.88 |
|     | 117° 41' 7"  | 76.6  |           |            |
| 313 |              |       | 466181.22 | 1242732.73 |
|     | 106° 34' 53" | 54.6  |           |            |
| 314 |              |       | 466165.65 | 1242785.02 |
|     | 62° 38' 41"  | 36.3  |           |            |
| 315 |              |       | 466182.34 | 1242817.28 |
|     | 34° 38' 27"  | 74.4  |           |            |
| 316 |              |       | 466243.52 | 1242859.55 |
|     | 43° 29' 44"  | 59.8  |           |            |
| 317 |              |       | 466286.9  | 1242900.71 |
|     | 62° 14' 25"  | 71.6  |           |            |
| 318 |              |       | 466320.27 | 1242964.11 |
|     | 91° 7' 14"   | 56.8  |           |            |
| 319 |              |       | 466319.16 | 1243020.85 |
|     | 121° 38' 51" | 56.2  |           |            |
| 320 |              |       | 466289.68 | 1243068.68 |
|     | 97° 7' 18"   | 22.4  |           |            |
| 321 |              |       | 466286.9  | 1243090.93 |
|     | 40° 58' 23"  | 56    |           |            |
| 322 |              |       | 466329.17 | 1243127.64 |
|     | 20° 32' 51"  | 47.5  |           |            |
| 323 |              |       | 466373.67 | 1243144.32 |
|     | 70° 33' 43"  | 60.2  |           |            |
| 324 |              |       | 466393.69 | 1243201.05 |
|     | 141° 36' 37" | 109.3 |           |            |
| 325 |              |       | 466308.04 | 1243268.91 |
|     | 113° 58' 4"  | 11    |           |            |
| 326 |              |       | 466303.59 | 1243278.92 |
|     | 41° 25' 23"  | 50.4  |           |            |
| 327 |              |       | 466341.41 | 1243312.29 |
|     | 70° 15' 36"  | 46.1  |           |            |
| 328 |              |       | 466356.98 | 1243355.68 |
|     | 99° 5' 27"   | 56.3  |           |            |
| 329 |              |       | 466348.08 | 1243411.3  |
|     | 112° 6' 31"  | 76.8  |           |            |
| 330 |              |       | 466319.16 | 1243482.49 |
|     | 63° 2' 55"   | 73.6  |           |            |
| 331 |              |       | 466352.53 | 1243548.12 |
|     | 98° 44' 46"  | 58.5  |           |            |
| 332 |              |       | 466343.63 | 1243605.97 |
|     | 40° 57' 59"  | 56    |           |            |
| 333 |              |       | 466385.91 | 1243642.68 |
|     | 30° 43' 38"  | 78.6  |           |            |

|     |              |       |           |            |
|-----|--------------|-------|-----------|------------|
| 334 |              |       | 466453.44 | 1243682.82 |
|     | 29° 19' 42"  | 85.3  |           |            |
| 335 |              |       | 466527.84 | 1243724.62 |
|     | 80° 1' 50"   | 169.5 |           |            |
| 336 |              |       | 466557.18 | 1243891.54 |
|     | 83° 32' 3"   | 601   |           |            |
| 337 |              |       | 466624.86 | 1244488.73 |
|     | 348° 56' 7"  | 446.6 |           |            |
| 338 |              |       | 467063.11 | 1244403.03 |
|     | 355° 39' 44" | 306.1 |           |            |
| 339 |              |       | 467368.31 | 1244379.88 |
|     | 356° 47' 38" | 179   |           |            |
| 340 |              |       | 467547.01 | 1244369.87 |
|     | 356° 46' 39" | 19.4  |           |            |
| 341 |              |       | 467566.37 | 1244368.78 |
|     | 355° 8' 1"   | 158.3 |           |            |
| 342 |              |       | 467724.12 | 1244355.35 |
|     | 69° 56' 30"  | 262.4 |           |            |
| 343 |              |       | 467814.1  | 1244601.79 |
|     | 70° 13' 51"  | 295.4 |           |            |
| 344 |              |       | 467914.01 | 1244879.77 |
|     | 64° 49' 36"  | 277.5 |           |            |
| 345 |              |       | 468032.03 | 1245130.88 |
|     | 65° 10' 2"   | 292.1 |           |            |
| 346 |              |       | 468154.72 | 1245396.01 |
|     | 352° 40' 54" | 925.6 |           |            |
| 347 |              |       | 469072.76 | 1245278.11 |
|     | 352° 29' 7"  | 255   |           |            |
| 348 |              |       | 469325.58 | 1245244.76 |
|     | 60° 7' 28"   | 196.6 |           |            |
| 349 |              |       | 469423.49 | 1245415.2  |
|     | 82° 23' 10"  | 229.5 |           |            |
| 350 |              |       | 469453.9  | 1245642.7  |
|     | 92° 27' 57"  | 211.3 |           |            |
| 351 |              |       | 469444.81 | 1245853.78 |
|     | 95° 18' 48"  | 298.2 |           |            |
| 352 |              |       | 469417.2  | 1246150.65 |
|     | 41° 47' 49"  | 255   |           |            |
| 353 |              |       | 469607.31 | 1246320.61 |
|     | 41° 14' 35"  | 177.3 |           |            |
| 354 |              |       | 469740.63 | 1246437.5  |
|     | 103° 46' 1"  | 170.4 |           |            |
| 355 |              |       | 469700.09 | 1246602.96 |
|     | 105° 26' 47" | 68    |           |            |
| 356 |              |       | 469681.98 | 1246668.5  |
|     | 133° 5' 11"  | 331.9 |           |            |
| 357 |              |       | 469455.29 | 1246910.86 |
|     | 127° 54' 34" | 55.2  |           |            |
| 358 |              |       | 469421.36 | 1246954.43 |
|     | 132° 9' 39"  | 55.4  |           |            |
| 359 |              |       | 469384.18 | 1246995.49 |
|     | 147° 38' 3"  | 111.6 |           |            |
| 360 |              |       | 469289.92 | 1247055.23 |
|     | 140° 58' 38" | 34.3  |           |            |
| 361 |              |       | 469263.28 | 1247076.82 |
|     | 140° 38' 50" | 107.6 |           |            |
| 362 |              |       | 469180.1  | 1247145.03 |
|     | 147° 42' 2"  | 127.9 |           |            |
| 363 |              |       | 469072.01 | 1247213.36 |
|     | 65° 45' 9"   | 43.9  |           |            |

|     |              |       |           |            |
|-----|--------------|-------|-----------|------------|
| 364 |              |       | 469090.04 | 1247253.39 |
|     | 68° 35' 33"  | 310.8 |           |            |
| 365 |              |       | 469203.47 | 1247542.72 |
|     | 332° 41' 32" | 138.7 |           |            |
| 366 |              |       | 469326.75 | 1247479.07 |
|     | 321° 46' 18" | 136.8 |           |            |
| 367 |              |       | 469434.25 | 1247394.39 |
|     | 340° 30' 47" | 129.5 |           |            |
| 368 |              |       | 469556.36 | 1247351.18 |
|     | 357° 19' 56" | 176.2 |           |            |
| 369 |              |       | 469732.36 | 1247342.98 |
|     | 357° 19' 51" | 74.7  |           |            |
| 370 |              |       | 469807.01 | 1247339.5  |
|     | 18° 41' 8"   | 164.1 |           |            |
| 371 |              |       | 469962.42 | 1247392.06 |
|     | 6° 11' 33"   | 129.9 |           |            |
| 372 |              |       | 470091.54 | 1247406.07 |
|     | 4° 30' 0"    | 74.4  |           |            |
| 373 |              |       | 470165.74 | 1247411.91 |
|     | 337° 8' 50"  | 52.6  |           |            |
| 374 |              |       | 470214.24 | 1247391.47 |
|     | 333° 30' 56" | 50.8  |           |            |
| 375 |              |       | 470259.72 | 1247368.81 |
|     | 333° 48' 2"  | 114.9 |           |            |
| 376 |              |       | 470362.82 | 1247318.08 |
|     | 326° 29' 43" | 164.5 |           |            |
| 377 |              |       | 470499.95 | 1247227.3  |
|     | 352° 52' 31" | 168.4 |           |            |
| 378 |              |       | 470667.08 | 1247206.41 |
|     | 21° 4' 13"   | 110.9 |           |            |
| 379 |              |       | 470770.59 | 1247246.29 |
|     | 350° 38' 38" | 508.2 |           |            |
| 380 |              |       | 471271.99 | 1247163.68 |
|     | 351° 17' 53" | 209.7 |           |            |
| 381 |              |       | 471479.3  | 1247131.95 |
|     | 350° 41' 5"  | 99.2  |           |            |
| 382 |              |       | 471577.21 | 1247115.89 |
|     | 342° 51' 25" | 4.2   |           |            |
| 383 |              |       | 471581.23 | 1247114.65 |
|     | 351° 27' 1"  | 51    |           |            |
| 384 |              |       | 471631.65 | 1247107.07 |
|     | 350° 36' 12" | 93    |           |            |
| 385 |              |       | 471723.38 | 1247091.89 |
|     | 351° 1' 51"  | 213.5 |           |            |
| 386 |              |       | 471934.3  | 1247058.6  |
|     | 351° 33' 18" | 163   |           |            |
| 387 |              |       | 472095.55 | 1247034.66 |
|     | 350° 32' 33" | 152.8 |           |            |
| 388 |              |       | 472246.29 | 1247009.55 |
|     | 351° 31' 43" | 233.9 |           |            |
| 389 |              |       | 472477.66 | 1246975.09 |
|     | 351° 26' 5"  | 31.3  |           |            |
| 390 |              |       | 472508.6  | 1246970.43 |
|     | 352° 18' 52" | 254.2 |           |            |
| 391 |              |       | 472760.55 | 1246936.43 |
|     | 322° 1' 6"   | 395.5 |           |            |
| 392 |              |       | 473072.32 | 1246693.01 |
|     | 322° 41' 32" | 200.1 |           |            |
| 393 |              |       | 473231.44 | 1246571.76 |
|     | 321° 55' 12" | 269.1 |           |            |

|     |              |       |           |            |
|-----|--------------|-------|-----------|------------|
| 394 |              |       | 473443.3  | 1246405.76 |
|     | 321° 56' 41" | 318.9 |           |            |
| 395 |              |       | 473694.4  | 1246209.19 |
|     | 326° 2' 11"  | 11    |           |            |
| 396 |              |       | 473703.56 | 1246203.02 |
|     | 322° 37' 24" | 701.8 |           |            |
| 397 |              |       | 474261.23 | 1245777.01 |
|     | 290° 48' 24" | 2.1   |           |            |
| 398 |              |       | 474261.99 | 1245775.01 |
|     | 56° 16' 54"  | 380.1 |           |            |
| 399 |              |       | 474473    | 1246091.19 |
|     | 63° 4' 32"   | 955.6 |           |            |
| 400 |              |       | 474905.71 | 1246943.21 |
|     | 63° 17' 39"  | 788.1 |           |            |
| 401 |              |       | 475259.9  | 1247647.26 |
|     | 137° 35' 2"  | 419.9 |           |            |
| 402 |              |       | 474949.92 | 1247930.47 |
|     | 140° 6' 52"  | 465.9 |           |            |
| 403 |              |       | 474592.41 | 1248229.24 |
|     | 142° 15' 6"  | 58.7  |           |            |
| 404 |              |       | 474545.99 | 1248265.18 |
|     | 146° 59' 43" | 22.5  |           |            |
| 405 |              |       | 474527.13 | 1248277.43 |
|     | 140° 3' 32"  | 513   |           |            |
| 406 |              |       | 474133.78 | 1248606.8  |
|     | 147° 14' 30" | 488.5 |           |            |
| 407 |              |       | 473722.93 | 1248871.15 |
|     | 158° 11' 16" | 307.1 |           |            |
| 408 |              |       | 473437.86 | 1248985.24 |
|     | 96° 16' 54"  | 423.1 |           |            |
| 409 |              |       | 473391.56 | 1249405.84 |
|     | 69° 5' 1"    | 241.3 |           |            |
| 410 |              |       | 473477.69 | 1249631.2  |
|     | 87° 7' 43"   | 104.6 |           |            |
| 411 |              |       | 473482.93 | 1249735.68 |
|     | 91° 34' 26"  | 330.5 |           |            |
| 412 |              |       | 473473.85 | 1250066.1  |
|     | 127° 40' 56" | 409.3 |           |            |
| 413 |              |       | 473223.67 | 1250390    |
|     | 148° 8' 27"  | 230.4 |           |            |
| 414 |              |       | 473028    | 1250511.6  |
|     | 142° 38' 39" | 189.4 |           |            |
| 415 |              |       | 472877.41 | 1250626.55 |
|     | 158° 14' 3"  | 214.8 |           |            |
| 416 |              |       | 472677.9  | 1250706.21 |
|     | 149° 34' 25" | 430.4 |           |            |
| 417 |              |       | 472306.77 | 1250924.18 |
|     | 131° 59' 13" | 82.1  |           |            |
| 418 |              |       | 472251.87 | 1250985.18 |
|     | 136° 56' 5"  | 125.7 |           |            |
| 419 |              |       | 472160.07 | 1251070.98 |
|     | 179° 38' 23" | 119.3 |           |            |
| 420 |              |       | 472040.78 | 1251071.73 |
|     | 178° 37' 14" | 250.9 |           |            |
| 421 |              |       | 471789.91 | 1251077.77 |
|     | 179° 39' 3"  | 108.4 |           |            |
| 422 |              |       | 471681.54 | 1251078.43 |
|     | 219° 48' 1"  | 56.5  |           |            |
| 423 |              |       | 471638.14 | 1251042.27 |
|     | 198° 52' 53" | 37.7  |           |            |

|     |              |       |           |            |
|-----|--------------|-------|-----------|------------|
| 424 |              |       | 471602.44 | 1251030.06 |
|     | 215° 54' 19" | 669.6 |           |            |
| 425 |              |       | 471060.08 | 1250637.38 |
|     | 225° 11' 43" | 294.4 |           |            |
| 426 |              |       | 470852.6  | 1250428.48 |
|     | 219° 13' 26" | 32.7  |           |            |
| 427 |              |       | 470827.29 | 1250407.82 |
|     | 223° 29' 32" | 40    |           |            |
| 428 |              |       | 470798.24 | 1250380.26 |
|     | 208° 16' 51" | 62.6  |           |            |
| 429 |              |       | 470743.13 | 1250350.61 |
|     | 151° 33' 13" | 49    |           |            |
| 430 |              |       | 470700.01 | 1250373.97 |
|     | 154° 2' 22"  | 101.3 |           |            |
| 431 |              |       | 470608.96 | 1250418.3  |
|     | 154° 4' 16"  | 128.9 |           |            |
| 432 |              |       | 470493.06 | 1250474.65 |
|     | 157° 4' 51"  | 183.6 |           |            |
| 433 |              |       | 470324    | 1250546.13 |
|     | 163° 47' 58" | 30.3  |           |            |
| 434 |              |       | 470294.95 | 1250554.57 |
|     | 95° 30' 36"  | 238.7 |           |            |
| 435 |              |       | 470272.03 | 1250792.16 |
|     | 93° 51' 18"  | 54.9  |           |            |
| 436 |              |       | 470268.34 | 1250846.92 |
|     | 119° 8' 21"  | 132.2 |           |            |
| 437 |              |       | 470203.95 | 1250962.42 |
|     | 119° 44' 59" | 171.6 |           |            |
| 438 |              |       | 470118.79 | 1251111.42 |
|     | 118° 15' 24" | 100.6 |           |            |
| 439 |              |       | 470071.17 | 1251200.02 |
|     | 75° 45' 12"  | 64.7  |           |            |
| 440 |              |       | 470087.1  | 1251262.76 |
|     | 71° 10' 25"  | 8.3   |           |            |
| 441 |              |       | 470089.79 | 1251270.65 |
|     | 76° 30' 2"   | 77.6  |           |            |
| 442 |              |       | 470107.91 | 1251346.13 |
|     | 51° 49' 43"  | 41.4  |           |            |
| 443 |              |       | 470133.49 | 1251378.67 |
|     | 120° 52' 25" | 24    |           |            |
| 444 |              |       | 470121.15 | 1251399.31 |
|     | 70° 10' 9"   | 36    |           |            |
| 445 |              |       | 470133.35 | 1251433.14 |
|     | 76° 58' 52"  | 152.1 |           |            |
| 446 |              |       | 470167.62 | 1251581.36 |
|     | 97° 27' 59"  | 315.2 |           |            |
| 447 |              |       | 470126.66 | 1251893.89 |
|     | 51° 49' 32"  | 11.2  |           |            |
| 448 |              |       | 470133.61 | 1251902.73 |
|     | 355° 56' 13" | 222.6 |           |            |
| 449 |              |       | 470355.63 | 1251886.96 |
|     | 355° 26' 35" | 95.5  |           |            |
| 450 |              |       | 470450.86 | 1251879.37 |
|     | 28° 46' 4"   | 189.3 |           |            |
| 451 |              |       | 470616.79 | 1251970.47 |
|     | 27° 37' 49"  | 110.2 |           |            |
| 452 |              |       | 470714.39 | 1252021.56 |
|     | 25° 42' 10"  | 379.8 |           |            |
| 453 |              |       | 471056.65 | 1252186.3  |
|     | 56° 39' 25"  | 223.8 |           |            |

|     |              |       |           |            |
|-----|--------------|-------|-----------|------------|
| 454 |              |       | 471179.64 | 1252373.23 |
|     | 65° 29' 27"  | 465.8 |           |            |
| 455 |              |       | 471372.87 | 1252797.06 |
|     | 45° 28' 46"  | 104.8 |           |            |
| 456 |              |       | 471446.34 | 1252871.77 |
|     | 55° 52' 4"   | 119   |           |            |
| 457 |              |       | 471513.13 | 1252970.3  |
|     | 33° 6' 21"   | 211.6 |           |            |
| 458 |              |       | 471690.42 | 1253085.9  |
|     | 22° 7' 6"    | 140   |           |            |
| 459 |              |       | 471820.11 | 1253138.61 |
|     | 36° 52' 16"  | 90    |           |            |
| 460 |              |       | 471892.08 | 1253192.59 |
|     | 31° 53' 7"   | 64.8  |           |            |
| 461 |              |       | 471947.12 | 1253226.83 |
|     | 48° 0' 3"    | 98.5  |           |            |
| 462 |              |       | 472013    | 1253300    |
|     | 48° 42' 57"  | 17.6  |           |            |
| 463 |              |       | 472024.59 | 1253313.2  |
|     | 77° 55' 57"  | 45.1  |           |            |
| 464 |              |       | 472034.02 | 1253357.31 |
|     | 85° 54' 41"  | 41.8  |           |            |
| 465 |              |       | 472037    | 1253399    |
|     | 93° 18' 8"   | 150.5 |           |            |
| 466 |              |       | 472028.33 | 1253549.26 |
|     | 141° 31' 6"  | 32.6  |           |            |
| 467 |              |       | 472002.78 | 1253569.57 |
|     | 140° 42' 1"  | 52    |           |            |
| 468 |              |       | 471962.51 | 1253602.53 |
|     | 163° 16' 0"  | 116.5 |           |            |
| 469 |              |       | 471850.95 | 1253636.07 |
|     | 163° 56' 38" | 191.7 |           |            |
| 470 |              |       | 471666.76 | 1253689.08 |
|     | 164° 12' 12" | 96.8  |           |            |
| 471 |              |       | 471573.62 | 1253715.43 |
|     | 165° 57' 40" | 160.5 |           |            |
| 472 |              |       | 471417.89 | 1253754.37 |
|     | 166° 11' 28" | 142.4 |           |            |
| 473 |              |       | 471279.6  | 1253788.36 |
|     | 164° 58' 7"  | 27    |           |            |
| 474 |              |       | 471253.57 | 1253795.35 |
|     | 169° 0' 39"  | 43.1  |           |            |
| 475 |              |       | 471211.29 | 1253803.56 |
|     | 156° 12' 19" | 234.3 |           |            |
| 476 |              |       | 470996.93 | 1253898.08 |
|     | 159° 50' 51" | 137.9 |           |            |
| 477 |              |       | 470867.47 | 1253945.59 |
|     | 157° 44' 56" | 166.1 |           |            |
| 478 |              |       | 470713.73 | 1254008.49 |
|     | 160° 39' 56" | 84.4  |           |            |
| 479 |              |       | 470634.07 | 1254036.44 |
|     | 170° 7' 9"   | 117.9 |           |            |
| 480 |              |       | 470517.87 | 1254056.68 |
|     | 94° 5' 21"   | 281.4 |           |            |
| 481 |              |       | 470497.8  | 1254337.41 |
|     | 158° 7' 48"  | 188.4 |           |            |
| 482 |              |       | 470322.98 | 1254407.58 |
|     | 93° 58' 1"   | 61.7  |           |            |
| 483 |              |       | 470318.71 | 1254469.15 |
|     | 130° 13' 42" | 207.4 |           |            |

|     |              |       |           |            |
|-----|--------------|-------|-----------|------------|
| 484 |              |       | 470184.75 | 1254627.51 |
|     | 146° 21' 4"  | 598.6 |           |            |
| 485 |              |       | 469686.45 | 1254959.19 |
|     | 142° 3' 59"  | 352.4 |           |            |
| 486 |              |       | 469408.5  | 1255175.83 |
|     | 146° 10' 12" | 316.9 |           |            |
| 487 |              |       | 469145.22 | 1255352.28 |
|     | 145° 47' 34" | 397.8 |           |            |
| 488 |              |       | 468816.26 | 1255575.9  |
|     | 131° 49' 31" | 377.2 |           |            |
| 489 |              |       | 468564.73 | 1255856.97 |
|     | 131° 49' 30" | 345.4 |           |            |
| 490 |              |       | 468334.42 | 1256114.33 |
|     | 135° 41' 1"  | 372.1 |           |            |
| 491 |              |       | 468068.18 | 1256374.29 |
|     | 133° 29' 45" | 592.9 |           |            |
| 492 |              |       | 467660.07 | 1256804.41 |
|     | 134° 42' 19" | 433.1 |           |            |
| 493 |              |       | 467355.39 | 1257112.24 |
|     | 130° 19' 25" | 148.5 |           |            |
| 494 |              |       | 467259.3  | 1257225.45 |
|     | 130° 52' 43" | 134   |           |            |
| 495 |              |       | 467171.6  | 1257326.77 |
|     | 132° 26' 41" | 127.4 |           |            |
| 496 |              |       | 467085.64 | 1257420.76 |
|     | 165° 47' 16" | 85.4  |           |            |
| 497 |              |       | 467002.84 | 1257441.73 |
|     | 169° 46' 12" | 218.4 |           |            |
| 498 |              |       | 466787.95 | 1257480.51 |
|     | 172° 41' 9"  | 343.1 |           |            |
| 499 |              |       | 466447.63 | 1257524.19 |
|     | 167° 14' 55" | 158.8 |           |            |
| 500 |              |       | 466292.79 | 1257559.23 |
|     | 104° 28' 43" | 58.7  |           |            |
| 501 |              |       | 466278.11 | 1257616.08 |
|     | 94° 35' 50"  | 361.1 |           |            |
| 502 |              |       | 466249.17 | 1257975.97 |
|     | 98° 30' 36"  | 283.3 |           |            |
| 503 |              |       | 466207.24 | 1258256.19 |
|     | 99° 0' 27"   | 267.8 |           |            |
| 504 |              |       | 466165.31 | 1258520.7  |
|     | 101° 42' 36" | 265.1 |           |            |
| 505 |              |       | 466111.5  | 1258780.31 |
|     | 105° 15' 1"  | 320.1 |           |            |
| 506 |              |       | 466027.29 | 1259089.18 |
|     | 104° 24' 33" | 442.3 |           |            |
| 507 |              |       | 465917.23 | 1259517.55 |
|     | 134° 26' 31" | 558.4 |           |            |
| 508 |              |       | 465526.24 | 1259916.23 |
|     | 116° 21' 19" | 726.4 |           |            |
| 509 |              |       | 465203.74 | 1260567.17 |
|     | 116° 25' 7"  | 552.1 |           |            |
| 510 |              |       | 464958.11 | 1261061.58 |
|     | 117° 7' 13"  | 531.9 |           |            |
| 511 |              |       | 464715.62 | 1261535.03 |
|     | 117° 5' 58"  | 500.1 |           |            |
| 512 |              |       | 464487.82 | 1261980.2  |
|     | 116° 27' 45" | 687.7 |           |            |
| 513 |              |       | 464181.38 | 1262595.83 |
|     | 115° 3' 18"  | 444.7 |           |            |



|     |              |         |           |            |
|-----|--------------|---------|-----------|------------|
| 514 |              |         | 463993.05 | 1262998.69 |
|     | 114° 12' 43" | 357.8   |           |            |
| 515 |              |         | 463846.3  | 1263325.04 |
|     | 114° 34' 27" | 346.2   |           |            |
| 516 |              |         | 463702.34 | 1263639.85 |
|     | 114° 3' 29"  | 318     |           |            |
| 517 |              |         | 463572.71 | 1263930.21 |
|     | 115° 23' 59" | 492     |           |            |
| 518 |              |         | 463361.67 | 1264374.66 |
|     | 115° 37' 45" | 344.5   |           |            |
| 519 |              |         | 463212.65 | 1264685.28 |
|     | 114° 55' 4"  | 736.4   |           |            |
| 520 |              |         | 462902.37 | 1265353.17 |
|     | 115° 54' 8"  | 209.2   |           |            |
| 521 |              |         | 462811    | 1265541.32 |
|     | 204° 15' 1"  | 151.4   |           |            |
| 522 |              |         | 462672.99 | 1265479.15 |
|     | 203° 21' 14" | 265.8   |           |            |
| 523 |              |         | 462428.98 | 1265373.79 |
|     | 205° 15' 2"  | 136.7   |           |            |
| 524 |              |         | 462305.37 | 1265315.49 |
|     | 208° 19' 22" | 240.1   |           |            |
| 525 |              |         | 462094    | 1265201.57 |
|     | 209° 49' 24" | 172.1   |           |            |
| 526 |              |         | 461944.71 | 1265115.99 |
|     | 225° 34' 44" | 146.3   |           |            |
| 527 |              |         | 461842.34 | 1265011.53 |
|     | 232° 19' 44" | 91.7    |           |            |
| 528 |              |         | 461786.31 | 1264938.96 |
|     | 229° 38' 3"  | 373.4   |           |            |
| 529 |              |         | 461544.45 | 1264654.43 |
|     | 230° 25' 32" | 159.6   |           |            |
| 530 |              |         | 461442.78 | 1264531.42 |
|     | 224° 0' 35"  | 58.9    |           |            |
| 531 |              |         | 461400.4  | 1264490.48 |
|     | 224° 0' 4"   | 29.6    |           |            |
| 532 |              |         | 461379.1  | 1264469.91 |
|     | 219° 35' 37" | 156.9   |           |            |
| 533 |              |         | 461258.17 | 1264369.89 |
|     | 214° 54' 19" | 311.2   |           |            |
| 534 |              |         | 461002.92 | 1264191.79 |
|     | 204° 40' 23" | 73      |           |            |
| 535 |              |         | 460936.57 | 1264161.31 |
|     | 203° 32' 53" | 200.2   |           |            |
| 536 |              |         | 460753.05 | 1264081.33 |
|     | 203° 44' 36" | 1 093.6 |           |            |
| 537 |              |         | 459752.02 | 1263641    |
|     | 203° 36' 42" | 419.5   |           |            |
| 538 |              |         | 459367.63 | 1263472.97 |
|     | 203° 21' 22" | 140.4   |           |            |
| 539 |              |         | 459238.76 | 1263417.32 |
|     | 203° 21' 9"  | 249.6   |           |            |
| 540 |              |         | 459009.65 | 1263318.4  |
|     | 204° 13' 0"  | 293.4   |           |            |
| 541 |              |         | 458742.09 | 1263198.06 |
|     | 203° 0' 14"  | 76.5    |           |            |
| 542 |              |         | 458671.64 | 1263168.15 |
|     | 203° 0' 11"  | 108.6   |           |            |
| 543 |              |         | 458571.65 | 1263125.7  |
|     | 203° 0' 15"  | 120     |           |            |

|     |              |       |           |            |
|-----|--------------|-------|-----------|------------|
| 544 |              |       | 458461.16 | 1263078.79 |
|     | 203° 1' 29"  | 283.2 |           |            |
| 545 |              |       | 458200.54 | 1262968.03 |
|     | 203° 1' 0"   | 81.9  |           |            |
| 546 |              |       | 458125.12 | 1262935.99 |
|     | 203° 9' 25"  | 383.5 |           |            |
| 547 |              |       | 457772.48 | 1262785.16 |
|     | 202° 49' 45" | 76.8  |           |            |
| 548 |              |       | 457701.69 | 1262755.36 |
|     | 202° 50' 0"  | 207.1 |           |            |
| 549 |              |       | 457510.81 | 1262674.99 |
|     | 166° 59' 16" | 277.9 |           |            |
| 550 |              |       | 457240.05 | 1262737.56 |
|     | 170° 32' 29" | 120.4 |           |            |
| 551 |              |       | 457121.26 | 1262757.35 |
|     | 165° 51' 19" | 3.8   |           |            |
| 552 |              |       | 457117.53 | 1262758.29 |
|     | 165° 58' 30" | 49.1  |           |            |
| 553 |              |       | 457069.89 | 1262770.19 |
|     | 162° 38' 46" | 225.9 |           |            |
| 554 |              |       | 456854.24 | 1262837.58 |
|     | 164° 51' 19" | 313.2 |           |            |
| 555 |              |       | 456551.9  | 1262919.41 |
|     | 164° 17' 52" | 318.5 |           |            |
| 556 |              |       | 456245.24 | 1263005.62 |
|     | 164° 18' 13" | 108.3 |           |            |
| 557 |              |       | 456140.94 | 1263034.93 |
|     | 164° 42' 18" | 94.8  |           |            |
| 558 |              |       | 456049.45 | 1263059.95 |
|     | 164° 41' 13" | 439.9 |           |            |
| 559 |              |       | 455625.14 | 1263176.13 |
|     | 221° 9' 15"  | 245.9 |           |            |
| 560 |              |       | 455440.02 | 1263014.33 |
|     | 219° 36' 53" | 143.8 |           |            |
| 561 |              |       | 455329.22 | 1262922.62 |
|     | 220° 47' 19" | 330.8 |           |            |
| 562 |              |       | 455078.79 | 1262706.54 |
|     | 221° 17' 15" | 132.6 |           |            |
| 563 |              |       | 454979.17 | 1262619.06 |
|     | 221° 17' 14" | 266.6 |           |            |
| 564 |              |       | 454778.88 | 1262443.18 |
|     | 221° 8' 30"  | 175.7 |           |            |
| 565 |              |       | 454646.56 | 1262327.58 |
|     | 221° 8' 15"  | 95.1  |           |            |
| 566 |              |       | 454574.93 | 1262265.01 |
|     | 219° 50' 14" | 354   |           |            |
| 567 |              |       | 454303.1  | 1262038.23 |
|     | 222° 36' 6"  | 233.9 |           |            |
| 568 |              |       | 454130.95 | 1261879.92 |
|     | 222° 29' 45" | 254.4 |           |            |
| 569 |              |       | 453943.36 | 1261708.05 |
|     | 224° 48' 9"  | 195   |           |            |
| 570 |              |       | 453804.99 | 1261570.63 |
|     | 153° 29' 27" | 173.9 |           |            |
| 571 |              |       | 453649.35 | 1261648.26 |
|     | 153° 31' 28" | 202.9 |           |            |
| 572 |              |       | 453467.72 | 1261738.72 |
|     | 153° 19' 46" | 199.4 |           |            |
| 573 |              |       | 453289.58 | 1261828.2  |
|     | 153° 29' 8"  | 186.4 |           |            |

|     |              |         |           |            |
|-----|--------------|---------|-----------|------------|
| 574 |              |         | 453122.81 | 1261911.4  |
|     | 152° 46' 25" | 186.4   |           |            |
| 575 |              |         | 452957.08 | 1261996.67 |
|     | 153° 36' 41" | 75.4    |           |            |
| 576 |              |         | 452889.5  | 1262030.2  |
|     | 153° 32' 45" | 267.8   |           |            |
| 577 |              |         | 452649.76 | 1262149.49 |
|     | 153° 26' 5"  | 6.8     |           |            |
| 578 |              |         | 452643.66 | 1262152.54 |
|     | 153° 15' 59" | 127.7   |           |            |
| 579 |              |         | 452529.6  | 1262209.99 |
|     | 174° 16' 1"  | 79.6    |           |            |
| 580 |              |         | 452450.41 | 1262217.94 |
|     | 175° 8' 38"  | 108.3   |           |            |
| 581 |              |         | 452342.47 | 1262227.11 |
|     | 207° 23' 13" | 65.8    |           |            |
| 582 |              |         | 452284.06 | 1262196.85 |
|     | 206° 17' 49" | 611.9   |           |            |
| 583 |              |         | 451735.5  | 1261925.77 |
|     | 208° 51' 35" | 208.4   |           |            |
| 584 |              |         | 451552.98 | 1261825.18 |
|     | 175° 41' 18" | 46.4    |           |            |
| 585 |              |         | 451506.69 | 1261828.67 |
|     | 161° 45' 42" | 563.8   |           |            |
| 586 |              |         | 450971.22 | 1262005.12 |
|     | 97° 9' 59"   | 403.2   |           |            |
| 587 |              |         | 450920.92 | 1262405.16 |
|     | 97° 4' 58"   | 85.9    |           |            |
| 588 |              |         | 450910.33 | 1262490.39 |
|     | 97° 55' 18"  | 115.9   |           |            |
| 589 |              |         | 450894.35 | 1262605.23 |
|     | 97° 38' 5"   | 315.5   |           |            |
| 590 |              |         | 450852.43 | 1262917.95 |
|     | 93° 26' 24"  | 39.7    |           |            |
| 591 |              |         | 450850.05 | 1262957.54 |
|     | 95° 16' 27"  | 420.8   |           |            |
| 592 |              |         | 450811.37 | 1263376.54 |
|     | 92° 55' 36"  | 307.9   |           |            |
| 593 |              |         | 450795.65 | 1263684.02 |
|     | 89° 51' 46"  | 217.4   |           |            |
| 594 |              |         | 450796.17 | 1263901.46 |
|     | 179° 37' 41" | 393     |           |            |
| 595 |              |         | 450403.22 | 1263904.01 |
|     | 179° 25' 51" | 492.3   |           |            |
| 596 |              |         | 449910.91 | 1263908.9  |
|     | 178° 14' 57" | 303.1   |           |            |
| 597 |              |         | 449607.97 | 1263918.16 |
|     | 178° 38' 28" | 1 053.4 |           |            |
| 598 |              |         | 448554.86 | 1263943.14 |
|     | 180° 41' 42" | 1 079.7 |           |            |
| 599 |              |         | 447475.19 | 1263930.04 |
|     | 180° 47' 54" | 1 065.8 |           |            |
| 600 |              |         | 446409.5  | 1263915.19 |
|     | 91° 15' 18"  | 1 078.4 |           |            |
| 601 |              |         | 446385.88 | 1264993.29 |
|     | 91° 14' 55"  | 283.1   |           |            |
| 602 |              |         | 446379.71 | 1265276.37 |
|     | 91° 22' 54"  | 230.2   |           |            |
| 603 |              |         | 446374.16 | 1265506.46 |
|     | 90° 50' 15"  | 236     |           |            |

|     |              |       |           |            |
|-----|--------------|-------|-----------|------------|
| 604 |              |       | 446370.71 | 1265742.44 |
|     | 90° 31' 6"   | 317.2 |           |            |
| 605 |              |       | 446367.84 | 1266059.6  |
|     | 90° 31' 10"  | 166.5 |           |            |
| 606 |              |       | 446366.33 | 1266226.14 |
|     | 90° 13' 59"  | 476.4 |           |            |
| 607 |              |       | 446364.39 | 1266702.56 |
|     | 90° 19' 2"   | 339.5 |           |            |
| 608 |              |       | 446362.51 | 1267042.05 |
|     | 90° 56' 40"  | 100.1 |           |            |
| 609 |              |       | 446360.86 | 1267142.13 |
|     | 90° 56' 41"  | 210.5 |           |            |
| 610 |              |       | 446357.39 | 1267352.56 |
|     | 90° 27' 56"  | 521.6 |           |            |
| 611 |              |       | 446353.15 | 1267874.13 |
|     | 90° 24' 6"   | 329.4 |           |            |
| 612 |              |       | 446350.84 | 1268203.55 |
|     | 87° 48' 6"   | 181.7 |           |            |
| 613 |              |       | 446357.81 | 1268385.14 |
|     | 86° 37' 1"   | 4.1   |           |            |
| 614 |              |       | 446358.05 | 1268389.2  |
|     | 358° 46' 0"  | 282.5 |           |            |
| 615 |              |       | 446640.52 | 1268383.12 |
|     | 39° 47' 25"  | 170.7 |           |            |
| 616 |              |       | 446771.69 | 1268492.37 |
|     | 43° 45' 33"  | 15    |           |            |
| 617 |              |       | 446782.54 | 1268502.76 |
|     | 43° 46' 14"  | 9.9   |           |            |
| 618 |              |       | 446789.68 | 1268509.6  |
|     | 37° 28' 29"  | 32.8  |           |            |
| 619 |              |       | 446815.69 | 1268529.54 |
|     | 35° 27' 12"  | 22.2  |           |            |
| 620 |              |       | 446833.75 | 1268542.4  |
|     | 39° 20' 41"  | 248.9 |           |            |
| 621 |              |       | 447026.2  | 1268700.17 |
|     | 40° 42' 14"  | 200   |           |            |
| 622 |              |       | 447177.84 | 1268830.62 |
|     | 68° 48' 46"  | 161.2 |           |            |
| 623 |              |       | 447236.11 | 1268980.95 |
|     | 65° 30' 55"  | 7     |           |            |
| 624 |              |       | 447239.02 | 1268987.34 |
|     | 65° 29' 5"   | 14    |           |            |
| 625 |              |       | 447244.83 | 1269000.08 |
|     | 65° 26' 53"  | 18.5  |           |            |
| 626 |              |       | 447252.5  | 1269016.87 |
|     | 68° 37' 56"  | 84.1  |           |            |
| 627 |              |       | 447283.15 | 1269095.21 |
|     | 72° 13' 6"   | 39.1  |           |            |
| 628 |              |       | 447295.09 | 1269132.44 |
|     | 69° 18' 22"  | 60.4  |           |            |
| 629 |              |       | 447316.44 | 1269188.96 |
|     | 69° 3' 13"   | 586.3 |           |            |
| 630 |              |       | 447526.05 | 1269736.55 |
|     | 309° 19' 37" | 443   |           |            |
| 631 |              |       | 447806.81 | 1269393.86 |
|     | 310° 57' 16" | 101.1 |           |            |
| 632 |              |       | 447873.1  | 1269317.48 |
|     | 312° 13' 33" | 92.3  |           |            |
| 633 |              |       | 447935.16 | 1269249.1  |
|     | 310° 59' 58" | 348.2 |           |            |

|     |              |       |           |            |
|-----|--------------|-------|-----------|------------|
| 634 |              |       | 448163.58 | 1268986.33 |
|     | 309° 34' 11" | 48.9  |           |            |
| 635 |              |       | 448194.71 | 1268948.66 |
|     | 315° 25' 21" | 6.7   |           |            |
| 636 |              |       | 448199.49 | 1268943.95 |
|     | 34° 12' 18"  | 8.9   |           |            |
| 637 |              |       | 448206.89 | 1268948.98 |
|     | 40° 31' 0"   | 20.6  |           |            |
| 638 |              |       | 448222.57 | 1268962.38 |
|     | 33° 54' 48"  | 87.5  |           |            |
| 639 |              |       | 448295.2  | 1269011.21 |
|     | 35° 27' 23"  | 152.7 |           |            |
| 640 |              |       | 448419.57 | 1269099.78 |
|     | 95° 26' 17"  | 178.3 |           |            |
| 641 |              |       | 448402.67 | 1269277.3  |
|     | 96° 13' 28"  | 443.2 |           |            |
| 642 |              |       | 448354.62 | 1269717.84 |
|     | 203° 11' 25" | 202   |           |            |
| 643 |              |       | 448168.93 | 1269638.29 |
|     | 208° 51' 41" | 63.2  |           |            |
| 644 |              |       | 448113.61 | 1269607.8  |
|     | 109° 41' 56" | 206.3 |           |            |
| 645 |              |       | 448044.08 | 1269802    |
|     | 110° 16' 7"  | 65.1  |           |            |
| 646 |              |       | 448021.52 | 1269863.09 |
|     | 110° 12' 23" | 29.2  |           |            |
| 647 |              |       | 448011.45 | 1269890.45 |
|     | 92° 3' 55"   | 173.7 |           |            |
| 648 |              |       | 448005.19 | 1270064.03 |
|     | 16° 57' 39"  | 154.2 |           |            |
| 649 |              |       | 448152.64 | 1270109    |
|     | 72° 5' 19"   | 182.6 |           |            |
| 650 |              |       | 448208.81 | 1270282.79 |
|     | 197° 34' 15" | 43    |           |            |
| 651 |              |       | 448167.82 | 1270269.81 |
|     | 197° 56' 29" | 601.4 |           |            |
| 652 |              |       | 447595.63 | 1270084.54 |
|     | 131° 55' 54" | 454.3 |           |            |
| 653 |              |       | 447292.02 | 1270422.54 |
|     | 131° 27' 20" | 435.9 |           |            |
| 654 |              |       | 447003.44 | 1270749.23 |
|     | 133° 8' 54"  | 79.9  |           |            |
| 655 |              |       | 446948.81 | 1270807.51 |
|     | 132° 1' 31"  | 21.1  |           |            |
| 656 |              |       | 446934.67 | 1270823.2  |
|     | 130° 31' 47" | 4.4   |           |            |
| 657 |              |       | 446931.84 | 1270826.51 |
|     | 134° 36' 17" | 2.1   |           |            |
| 658 |              |       | 446930.4  | 1270827.97 |
|     | 133° 59' 20" | 2.4   |           |            |
| 659 |              |       | 446928.73 | 1270829.7  |
|     | 28° 33' 55"  | 212.3 |           |            |
| 660 |              |       | 447115.18 | 1270931.21 |
|     | 27° 13' 43"  | 652   |           |            |
| 661 |              |       | 447694.97 | 1271229.55 |
|     | 39° 26' 23"  | 51.7  |           |            |
| 662 |              |       | 447734.93 | 1271262.42 |
|     | 54° 48' 41"  | 44.2  |           |            |
| 663 |              |       | 447760.42 | 1271298.57 |
|     | 61° 50' 59"  | 58.7  |           |            |

|     |              |       |           |            |
|-----|--------------|-------|-----------|------------|
| 664 |              |       | 447788.11 | 1271350.32 |
|     | 48° 26' 4"   | 120.9 |           |            |
| 665 |              |       | 447868.3  | 1271440.75 |
|     | 55° 2' 39"   | 316.4 |           |            |
| 666 |              |       | 448049.58 | 1271700.07 |
|     | 318° 37' 45" | 207.8 |           |            |
| 667 |              |       | 448205.5  | 1271562.75 |
|     | 220° 33' 56" | 138.2 |           |            |
| 668 |              |       | 448100.52 | 1271472.88 |
|     | 306° 47' 58" | 380.2 |           |            |
| 669 |              |       | 448328.29 | 1271168.41 |
|     | 38° 8' 26"   | 50.7  |           |            |
| 670 |              |       | 448368.15 | 1271199.71 |
|     | 34° 56' 53"  | 249.4 |           |            |
| 671 |              |       | 448572.54 | 1271342.55 |
|     | 35° 30' 16"  | 100.6 |           |            |
| 672 |              |       | 448654.4  | 1271400.95 |
|     | 117° 20' 18" | 163   |           |            |
| 673 |              |       | 448579.54 | 1271545.75 |
|     | 118° 29' 55" | 31.1  |           |            |
| 674 |              |       | 448564.68 | 1271573.12 |
|     | 119° 21' 29" | 357.6 |           |            |
| 675 |              |       | 448389.38 | 1271884.76 |
|     | 118° 49' 37" | 137.8 |           |            |
| 676 |              |       | 448322.95 | 1272005.46 |
|     | 119° 10' 43" | 292.3 |           |            |
| 677 |              |       | 448180.42 | 1272260.71 |
|     | 118° 33' 4"  | 249.8 |           |            |
| 678 |              |       | 448061.02 | 1272480.15 |
|     | 118° 8' 51"  | 171.6 |           |            |
| 679 |              |       | 447980.05 | 1272631.49 |
|     | 62° 37' 29"  | 10.4  |           |            |
| 680 |              |       | 447984.85 | 1272640.76 |
|     | 71° 9' 30"   | 31.6  |           |            |
| 681 |              |       | 447995.07 | 1272670.71 |
|     | 52° 11' 26"  | 41.2  |           |            |
| 682 |              |       | 448020.35 | 1272703.29 |
|     | 71° 2' 4"    | 51.9  |           |            |
| 683 |              |       | 448037.22 | 1272752.38 |
|     | 29° 1' 50"   | 58.1  |           |            |
| 684 |              |       | 448088.03 | 1272780.58 |
|     | 52° 13' 33"  | 25.4  |           |            |
| 685 |              |       | 448103.56 | 1272800.62 |
|     | 35° 9' 26"   | 31.5  |           |            |
| 686 |              |       | 448129.33 | 1272818.77 |
|     | 50° 51' 56"  | 42.6  |           |            |
| 687 |              |       | 448156.23 | 1272851.83 |
|     | 22° 25' 29"  | 38.9  |           |            |
| 688 |              |       | 448192.19 | 1272866.67 |
|     | 353° 37' 24" | 43.5  |           |            |
| 689 |              |       | 448235.41 | 1272861.84 |
|     | 291° 24' 38" | 4.6   |           |            |
| 690 |              |       | 448237.1  | 1272857.53 |
|     | 351° 57' 50" | 31    |           |            |
| 691 |              |       | 448267.77 | 1272853.2  |
|     | 1° 13' 19"   | 18.3  |           |            |
| 692 |              |       | 448286.05 | 1272853.59 |
|     | 39° 3' 21"   | 14.7  |           |            |
| 693 |              |       | 448297.45 | 1272862.84 |
|     | 58° 27' 47"  | 21.8  |           |            |

|     |              |         |           |            |
|-----|--------------|---------|-----------|------------|
| 694 |              |         | 448308.84 | 1272881.4  |
|     | 42° 39' 47"  | 27.4    |           |            |
| 695 |              |         | 448328.99 | 1272899.97 |
|     | 78° 53' 49"  | 16.8    |           |            |
| 696 |              |         | 448332.23 | 1272916.48 |
|     | 66° 48' 5"   | 18      |           |            |
| 697 |              |         | 448339.31 | 1272933    |
|     | 33° 25' 36"  | 23.5    |           |            |
| 698 |              |         | 448358.96 | 1272945.97 |
|     | 49° 7' 13"   | 17.4    |           |            |
| 699 |              |         | 448370.36 | 1272959.14 |
|     | 37° 20' 57"  | 9.6     |           |            |
| 700 |              |         | 448377.96 | 1272964.94 |
|     | 98° 20' 26"  | 7.3     |           |            |
| 701 |              |         | 448376.9  | 1272972.17 |
|     | 37° 21' 34"  | 36.3    |           |            |
| 702 |              |         | 448405.73 | 1272994.18 |
|     | 350° 37' 32" | 53.5    |           |            |
| 703 |              |         | 448458.49 | 1272985.47 |
|     | 24° 25' 42"  | 88.6    |           |            |
| 704 |              |         | 448539.2  | 1273022.13 |
|     | 41° 8' 28"   | 77      |           |            |
| 705 |              |         | 448597.2  | 1273072.8  |
|     | 5° 45' 34"   | 121.9   |           |            |
| 706 |              |         | 448718.45 | 1273085.03 |
|     | 30° 27' 52"  | 34.5    |           |            |
| 707 |              |         | 448748.15 | 1273102.5  |
|     | 22° 23' 59"  | 99      |           |            |
| 708 |              |         | 448839.69 | 1273140.23 |
|     | 41° 40' 21"  | 119.2   |           |            |
| 709 |              |         | 448928.69 | 1273219.45 |
|     | 148° 9' 53"  | 63.8    |           |            |
| 710 |              |         | 448874.46 | 1273253.12 |
|     | 144° 18' 59" | 162.2   |           |            |
| 711 |              |         | 448742.73 | 1273347.72 |
|     | 179° 27' 26" | 218.5   |           |            |
| 712 |              |         | 448524.21 | 1273349.79 |
|     | 158° 42' 34" | 293.1   |           |            |
| 713 |              |         | 448251.12 | 1273456.21 |
|     | 93° 45' 23"  | 312     |           |            |
| 714 |              |         | 448230.68 | 1273767.53 |
|     | 37° 44' 28"  | 303.1   |           |            |
| 715 |              |         | 448470.37 | 1273953.06 |
|     | 95° 28' 10"  | 198     |           |            |
| 716 |              |         | 448451.5  | 1274150.13 |
|     | 33° 33' 54"  | 422.5   |           |            |
| 717 |              |         | 448803.53 | 1274383.71 |
|     | 140° 48' 9"  | 233.2   |           |            |
| 718 |              |         | 448622.82 | 1274531.08 |
|     | 141° 32' 49" | 36.8    |           |            |
| 719 |              |         | 448594.02 | 1274553.95 |
|     | 141° 46' 45" | 78.6    |           |            |
| 720 |              |         | 448532.23 | 1274602.61 |
|     | 142° 3' 47"  | 1 331.2 |           |            |
| 721 |              |         | 447482.3  | 1275421.04 |
|     | 128° 31' 37" | 99      |           |            |
| 722 |              |         | 447420.61 | 1275498.52 |
|     | 128° 16' 11" | 180.6   |           |            |
| 723 |              |         | 447308.76 | 1275640.3  |
|     | 128° 6' 53"  | 118.6   |           |            |

|     |              |       |           |            |
|-----|--------------|-------|-----------|------------|
| 724 |              |       | 447235.58 | 1275733.58 |
|     | 128° 7' 13"  | 25.4  |           |            |
| 725 |              |       | 447219.91 | 1275753.55 |
|     | 128° 7' 37"  | 217.3 |           |            |
| 726 |              |       | 447085.73 | 1275924.51 |
|     | 128° 13' 9"  | 307.4 |           |            |
| 727 |              |       | 446895.54 | 1276166.03 |
|     | 127° 42' 1"  | 49.5  |           |            |
| 728 |              |       | 446865.25 | 1276205.22 |
|     | 137° 5' 34"  | 4.3   |           |            |
| 729 |              |       | 446862.13 | 1276208.12 |
|     | 128° 20' 40" | 58.8  |           |            |
| 730 |              |       | 446825.68 | 1276254.2  |
|     | 130° 47' 35" | 107.8 |           |            |
| 731 |              |       | 446755.27 | 1276335.79 |
|     | 200° 46' 35" | 156.9 |           |            |
| 732 |              |       | 446608.59 | 1276280.14 |
|     | 209° 35' 30" | 175.1 |           |            |
| 733 |              |       | 446456.29 | 1276193.65 |
|     | 223° 47' 56" | 81.3  |           |            |
| 734 |              |       | 446397.61 | 1276137.38 |
|     | 229° 12' 27" | 66.7  |           |            |
| 735 |              |       | 446354.04 | 1276086.89 |
|     | 229° 37' 34" | 28.1  |           |            |
| 736 |              |       | 446335.81 | 1276065.45 |
|     | 221° 21' 20" | 30.8  |           |            |
| 737 |              |       | 446312.68 | 1276045.09 |
|     | 243° 29' 36" | 30.7  |           |            |
| 738 |              |       | 446298.98 | 1276017.62 |
|     | 229° 33' 23" | 66.1  |           |            |
| 739 |              |       | 446256.08 | 1275967.29 |
|     | 208° 7' 29"  | 40.6  |           |            |
| 740 |              |       | 446220.29 | 1275948.16 |
|     | 230° 7' 30"  | 76.1  |           |            |
| 741 |              |       | 446171.47 | 1275889.72 |
|     | 195° 48' 0"  | 67.8  |           |            |
| 742 |              |       | 446106.27 | 1275871.27 |
|     | 242° 40' 39" | 52.8  |           |            |
| 743 |              |       | 446082.04 | 1275824.37 |
|     | 203° 28' 51" | 36.2  |           |            |
| 744 |              |       | 446048.8  | 1275809.93 |
|     | 169° 42' 30" | 53.8  |           |            |
| 745 |              |       | 445995.82 | 1275819.55 |
|     | 142° 45' 2"  | 41.4  |           |            |
| 746 |              |       | 445962.89 | 1275844.59 |
|     | 100° 27' 20" | 22.8  |           |            |
| 747 |              |       | 445958.76 | 1275866.97 |
|     | 161° 23' 51" | 10.8  |           |            |
| 748 |              |       | 445948.51 | 1275870.42 |
|     | 184° 25' 19" | 75.6  |           |            |
| 749 |              |       | 445873.12 | 1275864.59 |
|     | 139° 37' 32" | 66.8  |           |            |
| 750 |              |       | 445822.22 | 1275907.87 |
|     | 149° 19' 59" | 72.8  |           |            |
| 751 |              |       | 445759.62 | 1275944.99 |
|     | 154° 23' 35" | 127   |           |            |
| 752 |              |       | 445645.07 | 1275999.89 |
|     | 162° 54' 35" | 77.5  |           |            |
| 753 |              |       | 445571.01 | 1276022.66 |
|     | 185° 32' 43" | 30    |           |            |



|     |              |       |           |            |
|-----|--------------|-------|-----------|------------|
| 754 |              |       | 445541.14 | 1276019.76 |
|     | 175° 3' 45"  | 27.7  |           |            |
| 755 |              |       | 445513.59 | 1276022.14 |
|     | 181° 1' 54"  | 30    |           |            |
| 756 |              |       | 445483.61 | 1276021.6  |
|     | 168° 5' 43"  | 31.6  |           |            |
| 757 |              |       | 445452.73 | 1276028.11 |
|     | 197° 1' 32"  | 42    |           |            |
| 758 |              |       | 445412.53 | 1276015.8  |
|     | 176° 23' 20" | 25.9  |           |            |
| 759 |              |       | 445386.7  | 1276017.43 |
|     | 209° 43' 9"  | 55.8  |           |            |
| 760 |              |       | 445338.21 | 1275989.75 |
|     | 184° 39' 57" | 58.5  |           |            |
| 761 |              |       | 445279.89 | 1275984.99 |
|     | 195° 9' 0"   | 76.5  |           |            |
| 762 |              |       | 445206.06 | 1275965    |
|     | 187° 35' 36" | 69.5  |           |            |
| 763 |              |       | 445137.2  | 1275955.82 |
|     | 204° 24' 52" | 53.2  |           |            |
| 764 |              |       | 445088.8  | 1275933.85 |
|     | 183° 20' 11" | 67.4  |           |            |
| 765 |              |       | 445021.56 | 1275929.93 |
|     | 154° 57' 17" | 46.7  |           |            |
| 766 |              |       | 444979.25 | 1275949.7  |
|     | 205° 14' 30" | 72.6  |           |            |
| 767 |              |       | 444913.56 | 1275918.73 |
|     | 221° 20' 10" | 57.8  |           |            |
| 768 |              |       | 444870.19 | 1275880.58 |
|     | 204° 48' 12" | 49.5  |           |            |
| 769 |              |       | 444825.29 | 1275859.83 |
|     | 187° 1' 47"  | 48.5  |           |            |
| 770 |              |       | 444777.12 | 1275853.89 |
|     | 216° 56' 1"  | 44.8  |           |            |
| 771 |              |       | 444741.31 | 1275826.97 |
|     | 201° 32' 54" | 31.6  |           |            |
| 772 |              |       | 444711.96 | 1275815.38 |
|     | 203° 21' 53" | 32.1  |           |            |
| 773 |              |       | 444682.47 | 1275802.64 |
|     | 184° 54' 40" | 29.3  |           |            |
| 774 |              |       | 444653.26 | 1275800.13 |
|     | 198° 3' 39"  | 54.7  |           |            |
| 775 |              |       | 444601.22 | 1275783.16 |
|     | 169° 9' 45"  | 118.9 |           |            |
| 776 |              |       | 444484.42 | 1275805.52 |
|     | 192° 51' 4"  | 62    |           |            |
| 777 |              |       | 444423.93 | 1275791.72 |
|     | 191° 25' 17" | 32.2  |           |            |
| 778 |              |       | 444392.35 | 1275785.34 |
|     | 188° 41' 17" | 234.7 |           |            |
| 779 |              |       | 444160.36 | 1275749.89 |
|     | 185° 5' 42"  | 254.3 |           |            |
| 780 |              |       | 443907.11 | 1275727.31 |
|     | 164° 26' 41" | 48.4  |           |            |
| 781 |              |       | 443860.48 | 1275740.29 |
|     | 186° 55' 55" | 49.4  |           |            |
| 782 |              |       | 443811.46 | 1275734.33 |
|     | 150° 29' 26" | 85.7  |           |            |
| 783 |              |       | 443736.9  | 1275776.53 |
|     | 194° 55' 37" | 66.3  |           |            |

|     |              |       |           |            |
|-----|--------------|-------|-----------|------------|
| 784 |              |       | 443672.83 | 1275759.45 |
|     | 176° 29' 41" | 70.8  |           |            |
| 785 |              |       | 443602.14 | 1275763.78 |
|     | 150° 54' 34" | 51.3  |           |            |
| 786 |              |       | 443557.35 | 1275788.7  |
|     | 181° 7' 48"  | 64.9  |           |            |
| 787 |              |       | 443492.46 | 1275787.42 |
|     | 153° 11' 54" | 71.5  |           |            |
| 788 |              |       | 443428.66 | 1275819.65 |
|     | 160° 48' 45" | 102.8 |           |            |
| 789 |              |       | 443331.56 | 1275853.44 |
|     | 186° 55' 10" | 41.8  |           |            |
| 790 |              |       | 443290.03 | 1275848.4  |
|     | 133° 41' 7"  | 27.7  |           |            |
| 791 |              |       | 443270.87 | 1275868.46 |
|     | 196° 46' 1"  | 68    |           |            |
| 792 |              |       | 443205.75 | 1275848.84 |
|     | 170° 16' 36" | 86.3  |           |            |
| 793 |              |       | 443120.66 | 1275863.42 |
|     | 157° 15' 4"  | 53.4  |           |            |
| 794 |              |       | 443071.46 | 1275884.05 |
|     | 166° 2' 35"  | 50.7  |           |            |
| 795 |              |       | 443022.25 | 1275896.28 |
|     | 158° 55' 38" | 39.7  |           |            |
| 796 |              |       | 442985.19 | 1275910.56 |
|     | 137° 43' 39" | 116.5 |           |            |
| 797 |              |       | 442898.99 | 1275988.92 |
|     | 158° 11' 6"  | 142   |           |            |
| 798 |              |       | 442767.13 | 1276041.7  |
|     | 157° 58' 48" | 66.3  |           |            |
| 799 |              |       | 442705.71 | 1276066.54 |
|     | 199° 3' 23"  | 46.1  |           |            |
| 800 |              |       | 442662.17 | 1276051.5  |
|     | 185° 27' 59" | 49.5  |           |            |
| 801 |              |       | 442612.85 | 1276046.78 |
|     | 166° 42' 32" | 48.7  |           |            |
| 802 |              |       | 442565.48 | 1276057.97 |
|     | 182° 14' 58" | 49.2  |           |            |
| 803 |              |       | 442516.35 | 1276056.04 |
|     | 163° 28' 12" | 53.5  |           |            |
| 804 |              |       | 442465.1  | 1276071.25 |
|     | 185° 41' 21" | 61.7  |           |            |
| 805 |              |       | 442403.67 | 1276065.13 |
|     | 162° 36' 12" | 48.3  |           |            |
| 806 |              |       | 442357.55 | 1276079.58 |
|     | 127° 45' 22" | 4.7   |           |            |
| 807 |              |       | 442354.7  | 1276083.26 |
|     | 182° 32' 37" | 36.3  |           |            |
| 808 |              |       | 442318.46 | 1276081.65 |
|     | 177° 24' 46" | 74.4  |           |            |
| 809 |              |       | 442244.1  | 1276085.01 |
|     | 188° 33' 5"  | 34.2  |           |            |
| 810 |              |       | 442210.25 | 1276079.92 |
|     | 180° 48' 40" | 116.5 |           |            |
| 811 |              |       | 442093.73 | 1276078.27 |
|     | 90° 0' 0"    | 73    |           |            |
| 812 |              |       | 442020.73 | 1276078.27 |
|     | 192° 13' 20" | 24.8  |           |            |
| 813 |              |       | 441996.54 | 1276073.03 |
|     | 192° 58' 18" | 43.3  |           |            |

|     |              |       |           |            |
|-----|--------------|-------|-----------|------------|
| 814 |              |       | 441954.3  | 1276063.3  |
|     | 181° 35' 17" | 72.9  |           |            |
| 815 |              |       | 441881.44 | 1276061.28 |
|     | 177° 43' 17" | 62.1  |           |            |
| 816 |              |       | 441819.36 | 1276063.75 |
|     | 175° 15' 10" | 83.3  |           |            |
| 817 |              |       | 441736.39 | 1276070.64 |
|     | 175° 15' 33" | 85.1  |           |            |
| 818 |              |       | 441651.62 | 1276077.67 |
|     | 180° 18' 3"  | 26.7  |           |            |
| 819 |              |       | 441624.96 | 1276077.53 |
|     | 202° 39' 30" | 126.8 |           |            |
| 820 |              |       | 441507.99 | 1276028.7  |
|     | 204° 36' 51" | 62.9  |           |            |
| 821 |              |       | 441450.78 | 1276002.49 |
|     | 195° 46' 19" | 33.6  |           |            |
| 822 |              |       | 441418.42 | 1275993.35 |
|     | 186° 28' 19" | 34.5  |           |            |
| 823 |              |       | 441384.13 | 1275989.46 |
|     | 183° 52' 56" | 46.4  |           |            |
| 824 |              |       | 441337.86 | 1275986.32 |
|     | 184° 22' 33" | 30.8  |           |            |
| 825 |              |       | 441307.15 | 1275983.97 |
|     | 198° 57' 26" | 111   |           |            |
| 826 |              |       | 441202.17 | 1275947.91 |
|     | 195° 36' 7"  | 164.8 |           |            |
| 827 |              |       | 441043.42 | 1275903.58 |
|     | 190° 55' 3"  | 44.7  |           |            |
| 828 |              |       | 440999.56 | 1275895.12 |
|     | 187° 56' 40" | 38    |           |            |
| 829 |              |       | 440961.94 | 1275889.87 |
|     | 185° 42' 8"  | 84.4  |           |            |
| 830 |              |       | 440877.92 | 1275881.48 |
|     | 192° 5' 27"  | 31.9  |           |            |
| 831 |              |       | 440846.69 | 1275874.79 |
|     | 188° 38' 18" | 35.2  |           |            |
| 832 |              |       | 440811.87 | 1275869.5  |
|     | 173° 18' 43" | 16.7  |           |            |
| 833 |              |       | 440795.24 | 1275871.45 |
|     | 158° 16' 12" | 25.3  |           |            |
| 834 |              |       | 440771.78 | 1275880.8  |
|     | 156° 47' 12" | 57.1  |           |            |
| 835 |              |       | 440719.34 | 1275903.29 |
|     | 174° 54' 14" | 20    |           |            |
| 836 |              |       | 440699.38 | 1275905.07 |
|     | 182° 41' 10" | 17.7  |           |            |
| 837 |              |       | 440681.69 | 1275904.24 |
|     | 203° 47' 42" | 45.5  |           |            |
| 838 |              |       | 440640.03 | 1275885.87 |
|     | 212° 54' 27" | 45.1  |           |            |
| 839 |              |       | 440602.17 | 1275861.37 |
|     | 219° 51' 26" | 19.8  |           |            |
| 840 |              |       | 440586.97 | 1275848.68 |
|     | 249° 21' 36" | 17.6  |           |            |
| 841 |              |       | 440580.77 | 1275832.22 |
|     | 246° 5' 51"  | 23.2  |           |            |
| 842 |              |       | 440571.37 | 1275811.01 |
|     | 200° 51' 0"  | 23.9  |           |            |
| 843 |              |       | 440549    | 1275802.49 |
|     | 210° 54' 33" | 12.6  |           |            |

|     |              |      |           |            |
|-----|--------------|------|-----------|------------|
| 844 |              |      | 440538.16 | 1275796    |
|     | 179° 8' 56"  | 12.8 |           |            |
| 845 |              |      | 440525.37 | 1275796.19 |
|     | 233° 7' 1"   | 8.7  |           |            |
| 846 |              |      | 440520.14 | 1275789.22 |
|     | 232° 15' 11" | 9.8  |           |            |
| 847 |              |      | 440514.14 | 1275781.47 |
|     | 177° 2' 42"  | 11.4 |           |            |
| 848 |              |      | 440502.71 | 1275782.06 |
|     | 158° 14' 12" | 8.3  |           |            |
| 849 |              |      | 440494.97 | 1275785.15 |
|     | 133° 37' 41" | 17.1 |           |            |
| 850 |              |      | 440483.15 | 1275797.55 |
|     | 157° 0' 51"  | 16.6 |           |            |
| 851 |              |      | 440467.85 | 1275804.04 |
|     | 203° 52' 2"  | 5.5  |           |            |
| 852 |              |      | 440462.81 | 1275801.81 |
|     | 195° 42' 2"  | 6.4  |           |            |
| 853 |              |      | 440456.62 | 1275800.07 |
|     | 209° 13' 12" | 11.1 |           |            |
| 854 |              |      | 440446.93 | 1275794.65 |
|     | 225° 52' 57" | 9.2  |           |            |
| 855 |              |      | 440440.54 | 1275788.06 |
|     | 234° 59' 52" | 4.7  |           |            |
| 856 |              |      | 440437.83 | 1275784.19 |
|     | 176° 29' 33" | 6.2  |           |            |
| 857 |              |      | 440431.63 | 1275784.57 |
|     | 168° 50' 21" | 12   |           |            |
| 858 |              |      | 440419.82 | 1275786.9  |
|     | 217° 52' 29" | 17.7 |           |            |
| 859 |              |      | 440405.87 | 1275776.05 |
|     | 210° 29' 41" | 40.5 |           |            |
| 860 |              |      | 440371.01 | 1275755.52 |
|     | 205° 42' 41" | 34.8 |           |            |
| 861 |              |      | 440339.63 | 1275740.41 |
|     | 196° 9' 57"  | 40.3 |           |            |
| 862 |              |      | 440300.89 | 1275729.18 |
|     | 186° 45' 51" | 19.7 |           |            |
| 863 |              |      | 440281.33 | 1275726.86 |
|     | 133° 53' 30" | 9.5  |           |            |
| 864 |              |      | 440274.74 | 1275733.71 |
|     | 162° 18' 59" | 8.9  |           |            |
| 865 |              |      | 440266.24 | 1275736.42 |
|     | 177° 48' 20" | 10.7 |           |            |
| 866 |              |      | 440255.54 | 1275736.83 |
|     | 214° 37' 21" | 14.5 |           |            |
| 867 |              |      | 440243.62 | 1275728.6  |
|     | 217° 33' 17" | 20.2 |           |            |
| 868 |              |      | 440227.57 | 1275716.26 |
|     | 189° 26' 13" | 7.5  |           |            |
| 869 |              |      | 440220.17 | 1275715.03 |
|     | 156° 31' 0"  | 10.3 |           |            |
| 870 |              |      | 440210.71 | 1275719.14 |
|     | 147° 49' 24" | 13.1 |           |            |
| 871 |              |      | 440199.6  | 1275726.13 |
|     | 199° 45' 5"  | 9.1  |           |            |
| 872 |              |      | 440191.05 | 1275723.06 |
|     | 234° 19' 59" | 15   |           |            |
| 873 |              |      | 440182.33 | 1275710.91 |
|     | 233° 38' 17" | 27.1 |           |            |

|     |              |       |           |            |
|-----|--------------|-------|-----------|------------|
| 874 |              |       | 440166.28 | 1275689.11 |
|     | 211° 51' 45" | 19.6  |           |            |
| 875 |              |       | 440149.66 | 1275678.78 |
|     | 211° 50' 56" | 30.3  |           |            |
| 876 |              |       | 440123.92 | 1275662.79 |
|     | 208° 40' 42" | 24.9  |           |            |
| 877 |              |       | 440102.11 | 1275650.86 |
|     | 215° 53' 12" | 33    |           |            |
| 878 |              |       | 440075.38 | 1275631.52 |
|     | 233° 51' 44" | 32.1  |           |            |
| 879 |              |       | 440056.46 | 1275605.61 |
|     | 238° 41' 35" | 9.7   |           |            |
| 880 |              |       | 440051.4  | 1275597.29 |
|     | 224° 20' 1"  | 192.1 |           |            |
| 881 |              |       | 439913.96 | 1275463.01 |
|     | 224° 24' 29" | 31.5  |           |            |
| 882 |              |       | 439891.46 | 1275440.97 |
|     | 231° 0' 32"  | 0.8   |           |            |
| 883 |              |       | 439890.95 | 1275440.34 |
|     | 234° 51' 42" | 29.5  |           |            |
| 884 |              |       | 439873.96 | 1275416.2  |
|     | 239° 50' 24" | 54.6  |           |            |
| 885 |              |       | 439846.51 | 1275368.96 |
|     | 225° 52' 48" | 28.5  |           |            |
| 886 |              |       | 439826.64 | 1275348.47 |
|     | 218° 16' 10" | 34.4  |           |            |
| 887 |              |       | 439799.64 | 1275327.17 |
|     | 193° 15' 55" | 95.2  |           |            |
| 888 |              |       | 439707    | 1275305.33 |
|     | 176° 6' 3"   | 231.3 |           |            |
| 889 |              |       | 439476.21 | 1275321.06 |
|     | 185° 36' 30" | 590.3 |           |            |
| 890 |              |       | 438888.75 | 1275263.37 |
|     | 252° 48' 50" | 99.7  |           |            |
| 891 |              |       | 438859.3  | 1275168.15 |
|     | 207° 17' 28" | 181.7 |           |            |
| 892 |              |       | 438697.83 | 1275084.84 |
|     | 187° 6' 4"   | 166.7 |           |            |
| 893 |              |       | 438532.39 | 1275064.23 |
|     | 197° 1' 22"  | 273.3 |           |            |
| 894 |              |       | 438271.03 | 1274984.21 |
|     | 249° 36' 55" | 35.6  |           |            |
| 895 |              |       | 438258.63 | 1274950.84 |
|     | 247° 24' 27" | 280.8 |           |            |
| 896 |              |       | 438150.76 | 1274691.6  |
|     | 177° 43' 31" | 94.7  |           |            |
| 897 |              |       | 438056.1  | 1274695.36 |
|     | 86° 58' 4"   | 189.1 |           |            |
| 898 |              |       | 438066.1  | 1274884.15 |
|     | 85° 50' 30"  | 7.3   |           |            |
| 899 |              |       | 438066.63 | 1274891.44 |
|     | 55° 57' 49"  | 121.7 |           |            |
| 900 |              |       | 438134.74 | 1274992.28 |
|     | 84° 45' 36"  | 59.2  |           |            |
| 901 |              |       | 438140.15 | 1275051.27 |
|     | 84° 2' 0"    | 86.7  |           |            |
| 902 |              |       | 438149.16 | 1275137.48 |
|     | 228° 28' 5"  | 245.2 |           |            |
| 903 |              |       | 437986.56 | 1274953.9  |
|     | 90° 0' 0"    | 262.3 |           |            |

|     |              |       |           |            |
|-----|--------------|-------|-----------|------------|
| 904 |              |       | 437724.3  | 1274953.9  |
|     | 84° 48' 20"  | 90.2  |           |            |
| 905 |              |       | 437732.47 | 1275043.77 |
|     | 78° 40' 41"  | 9.5   |           |            |
| 906 |              |       | 437734.34 | 1275053.11 |
|     | 185° 30' 49" | 268.3 |           |            |
| 907 |              |       | 437467.28 | 1275027.33 |
|     | 209° 36' 15" | 265.4 |           |            |
| 908 |              |       | 437236.49 | 1274896.2  |
|     | 182° 26' 11" | 246.8 |           |            |
| 909 |              |       | 436989.96 | 1274885.71 |
|     | 215° 18' 50" | 431.6 |           |            |
| 910 |              |       | 436637.76 | 1274636.21 |
|     | 223° 26' 5"  | 398.7 |           |            |
| 911 |              |       | 436348.27 | 1274362.12 |
|     | 228° 17' 14" | 388.7 |           |            |
| 912 |              |       | 436089.65 | 1274071.98 |
|     | 277° 32' 17" | 160.8 |           |            |
| 913 |              |       | 436110.75 | 1273912.53 |
|     | 285° 2' 56"  | 73.1  |           |            |
| 914 |              |       | 436129.74 | 1273841.9  |
|     | 177° 36' 18" | 261.1 |           |            |
| 915 |              |       | 435868.89 | 1273852.81 |
|     | 176° 59' 29" | 61.5  |           |            |
| 916 |              |       | 435807.43 | 1273856.04 |
|     | 174° 27' 36" | 42.1  |           |            |
| 917 |              |       | 435765.57 | 1273860.1  |
|     | 175° 44' 30" | 109.2 |           |            |
| 918 |              |       | 435656.65 | 1273868.21 |
|     | 173° 55' 6"  | 28.1  |           |            |
| 919 |              |       | 435628.68 | 1273871.19 |
|     | 176° 21' 15" | 410   |           |            |
| 920 |              |       | 435219.52 | 1273897.26 |
|     | 178° 28' 56" | 133.3 |           |            |
| 921 |              |       | 435086.28 | 1273900.79 |
|     | 177° 4' 56"  | 186   |           |            |
| 922 |              |       | 434900.48 | 1273910.26 |
|     | 175° 47' 30" | 54    |           |            |
| 923 |              |       | 434846.66 | 1273914.22 |
|     | 176° 8' 20"  | 194.5 |           |            |
| 924 |              |       | 434652.56 | 1273927.32 |
|     | 177° 1' 36"  | 245   |           |            |
| 925 |              |       | 434407.85 | 1273940.03 |
|     | 177° 37' 1"  | 225.8 |           |            |
| 926 |              |       | 434182.21 | 1273949.42 |
|     | 175° 46' 30" | 94.7  |           |            |
| 927 |              |       | 434087.72 | 1273956.4  |
|     | 271° 55' 25" | 56.3  |           |            |
| 928 |              |       | 434089.61 | 1273900.13 |
|     | 287° 25' 42" | 99.9  |           |            |
| 929 |              |       | 434119.54 | 1273804.79 |
|     | 286° 45' 34" | 238.4 |           |            |
| 930 |              |       | 434188.28 | 1273576.53 |
|     | 289° 24' 58" | 159.3 |           |            |
| 931 |              |       | 434241.25 | 1273426.25 |
|     | 284° 37' 56" | 48    |           |            |
| 932 |              |       | 434253.38 | 1273379.79 |
|     | 281° 56' 18" | 117.3 |           |            |
| 933 |              |       | 434277.64 | 1273265.05 |
|     | 264° 22' 49" | 49.5  |           |            |

|     |              |       |           |            |
|-----|--------------|-------|-----------|------------|
| 934 |              |       | 434272.79 | 1273215.76 |
|     | 263° 23' 46" | 119.6 |           |            |
| 935 |              |       | 434259.04 | 1273096.99 |
|     | 263° 19' 29" | 170.4 |           |            |
| 936 |              |       | 434239.23 | 1272927.72 |
|     | 294° 42' 6"  | 192.6 |           |            |
| 937 |              |       | 434319.7  | 1272752.78 |
|     | 281° 11' 4"  | 135.5 |           |            |
| 938 |              |       | 434345.98 | 1272619.87 |
|     | 289° 10' 17" | 193.3 |           |            |
| 939 |              |       | 434409.47 | 1272437.26 |
|     | 288° 25' 21" | 218.6 |           |            |
| 940 |              |       | 434478.56 | 1272229.84 |
|     | 259° 38' 40" | 207.9 |           |            |
| 941 |              |       | 434441.19 | 1272025.33 |
|     | 259° 26' 28" | 203   |           |            |
| 942 |              |       | 434403.99 | 1271825.76 |
|     | 260° 23' 18" | 80.2  |           |            |
| 943 |              |       | 434390.6  | 1271746.69 |
|     | 259° 20' 18" | 231.3 |           |            |
| 944 |              |       | 434347.8  | 1271519.34 |
|     | 309° 39' 24" | 166.7 |           |            |
| 945 |              |       | 434454.17 | 1271391.02 |
|     | 246° 55' 19" | 125.2 |           |            |
| 946 |              |       | 434405.09 | 1271275.83 |
|     | 248° 1' 6"   | 361.5 |           |            |
| 947 |              |       | 434269.79 | 1270940.64 |
|     | 248° 34' 41" | 331.1 |           |            |
| 948 |              |       | 434148.88 | 1270632.46 |
|     | 331° 2' 36"  | 26.7  |           |            |
| 949 |              |       | 434172.23 | 1270619.54 |
|     | 330° 29' 39" | 27.6  |           |            |
| 950 |              |       | 434196.28 | 1270605.93 |
|     | 327° 39' 30" | 102.8 |           |            |
| 951 |              |       | 434283.11 | 1270550.95 |
|     | 327° 22' 54" | 149.3 |           |            |
| 952 |              |       | 434408.85 | 1270470.48 |
|     | 267° 5' 35"  | 305.4 |           |            |
| 953 |              |       | 434393.36 | 1270165.43 |
|     | 324° 15' 40" | 280.3 |           |            |
| 954 |              |       | 434620.89 | 1270001.7  |
|     | 327° 40' 26" | 63.5  |           |            |
| 955 |              |       | 434674.54 | 1269967.75 |
|     | 322° 20' 23" | 106   |           |            |
| 956 |              |       | 434758.45 | 1269902.99 |
|     | 242° 31' 30" | 245.6 |           |            |
| 957 |              |       | 434645.14 | 1269685.09 |
|     | 209° 33' 24" | 396.2 |           |            |
| 958 |              |       | 434300.48 | 1269489.64 |
|     | 207° 23' 56" | 473.2 |           |            |
| 959 |              |       | 433880.34 | 1269271.87 |
|     | 260° 2' 55"  | 13.5  |           |            |
| 960 |              |       | 433878.01 | 1269258.59 |
|     | 290° 54' 10" | 68.2  |           |            |
| 961 |              |       | 433902.35 | 1269194.86 |
|     | 214° 7' 32"  | 172.9 |           |            |
| 962 |              |       | 433759.25 | 1269097.88 |
|     | 126° 37' 51" | 87.8  |           |            |
| 963 |              |       | 433706.87 | 1269168.33 |
|     | 222° 38' 59" | 167.6 |           |            |

|     |              |       |           |            |
|-----|--------------|-------|-----------|------------|
| 964 |              |       | 433583.59 | 1269054.77 |
|     | 223° 38' 7"  | 359.9 |           |            |
| 965 |              |       | 433323.13 | 1268806.43 |
|     | 228° 19' 33" | 7.1   |           |            |
| 966 |              |       | 433318.43 | 1268801.15 |
|     | 221° 44' 31" | 171.2 |           |            |
| 967 |              |       | 433190.68 | 1268687.16 |
|     | 231° 55' 48" | 253.4 |           |            |
| 968 |              |       | 433034.43 | 1268487.67 |
|     | 230° 45' 17" | 121.1 |           |            |
| 969 |              |       | 432957.83 | 1268393.9  |
|     | 232° 35' 13" | 109.1 |           |            |
| 970 |              |       | 432891.55 | 1268307.25 |
|     | 230° 21' 18" | 224.1 |           |            |
| 971 |              |       | 432748.56 | 1268134.68 |
|     | 229° 0' 56"  | 213.1 |           |            |
| 972 |              |       | 432608.83 | 1267973.85 |
|     | 228° 54' 5"  | 111.4 |           |            |
| 973 |              |       | 432535.6  | 1267889.9  |
|     | 225° 38' 25" | 100   |           |            |
| 974 |              |       | 432465.71 | 1267818.43 |
|     | 237° 55' 5"  | 331.1 |           |            |
| 975 |              |       | 432289.84 | 1267537.87 |
|     | 267° 30' 31" | 95.5  |           |            |
| 976 |              |       | 432285.69 | 1267442.48 |
|     | 338° 38' 55" | 20.3  |           |            |
| 977 |              |       | 432304.62 | 1267435.08 |
|     | 338° 59' 50" | 292.4 |           |            |
| 978 |              |       | 432577.57 | 1267330.29 |
|     | 262° 9' 48"  | 116.5 |           |            |
| 979 |              |       | 432561.69 | 1267214.91 |
|     | 158° 12' 43" | 135.2 |           |            |
| 980 |              |       | 432436.18 | 1267265.08 |
|     | 249° 56' 23" | 88.3  |           |            |
| 981 |              |       | 432405.89 | 1267182.13 |
|     | 253° 23' 33" | 415.7 |           |            |
| 982 |              |       | 432287.09 | 1266783.81 |
|     | 206° 5' 24"  | 93.4  |           |            |
| 983 |              |       | 432203.24 | 1266742.75 |
|     | 185° 2' 7"   | 427.9 |           |            |
| 984 |              |       | 431776.96 | 1266705.19 |
|     | 121° 21' 38" | 387.5 |           |            |
| 985 |              |       | 431575.32 | 1267036.04 |
|     | 120° 30' 3"  | 108.9 |           |            |
| 986 |              |       | 431520.03 | 1267129.9  |
|     | 118° 46' 24" | 136.8 |           |            |
| 987 |              |       | 431454.17 | 1267249.83 |
|     | 204° 59' 5"  | 146.8 |           |            |
| 988 |              |       | 431321.14 | 1267187.84 |
|     | 204° 17' 19" | 218.7 |           |            |
| 989 |              |       | 431121.84 | 1267097.9  |
|     | 221° 52' 24" | 33.7  |           |            |
| 990 |              |       | 431096.74 | 1267075.4  |
|     | 218° 40' 20" | 312   |           |            |
| 991 |              |       | 430853.15 | 1266880.44 |
|     | 308° 28' 16" | 115.9 |           |            |
| 992 |              |       | 430925.23 | 1266789.73 |
|     | 312° 10' 9"  | 180.7 |           |            |
| 993 |              |       | 431046.53 | 1266655.81 |
|     | 212° 48' 23" | 97.5  |           |            |



|      |              |       |           |            |
|------|--------------|-------|-----------|------------|
| 994  |              |       | 430964.59 | 1266602.99 |
|      | 308° 3' 15"  | 331.8 |           |            |
| 995  |              |       | 431169.14 | 1266341.69 |
|      | 211° 45' 43" | 97.4  |           |            |
| 996  |              |       | 431086.36 | 1266290.44 |
|      | 120° 45' 55" | 59    |           |            |
| 997  |              |       | 431056.19 | 1266341.12 |
|      | 218° 41' 16" | 137.4 |           |            |
| 998  |              |       | 430948.91 | 1266255.21 |
|      | 189° 6' 51"  | 140.2 |           |            |
| 999  |              |       | 430810.47 | 1266233    |
|      | 290° 40' 3"  | 67.3  |           |            |
| 1000 |              |       | 430834.22 | 1266170.04 |
|      | 214° 56' 13" | 116.9 |           |            |
| 1001 |              |       | 430738.41 | 1266103.11 |
|      | 141° 2' 52"  | 141.4 |           |            |
| 1002 |              |       | 430628.44 | 1266192.01 |
|      | 225° 58' 18" | 60.5  |           |            |
| 1003 |              |       | 430586.42 | 1266148.54 |
|      | 293° 20' 7"  | 118.8 |           |            |
| 1004 |              |       | 430633.49 | 1266039.43 |
|      | 212° 42' 6"  | 111.6 |           |            |
| 1005 |              |       | 430539.57 | 1265979.13 |
|      | 260° 55' 19" | 73.3  |           |            |
| 1006 |              |       | 430528.01 | 1265906.78 |
|      | 210° 3' 11"  | 118.7 |           |            |
| 1007 |              |       | 430425.26 | 1265847.33 |
|      | 114° 46' 35" | 150.7 |           |            |
| 1008 |              |       | 430362.09 | 1265984.19 |
|      | 68° 41' 49"  | 84.9  |           |            |
| 1009 |              |       | 430392.95 | 1266063.33 |
|      | 157° 26' 42" | 96.8  |           |            |
| 1010 |              |       | 430303.6  | 1266100.44 |
|      | 241° 56' 59" | 160.7 |           |            |
| 1011 |              |       | 430228.05 | 1265958.65 |
|      | 136° 21' 53" | 241.9 |           |            |
| 1012 |              |       | 430052.94 | 1266125.61 |
|      | 185° 30' 51" | 7     |           |            |
| 1013 |              |       | 430046    | 1266124.94 |
|      | 185° 31' 15" | 16.5  |           |            |
| 1014 |              |       | 430029.55 | 1266123.35 |
|      | 205° 13' 40" | 33.2  |           |            |
| 1015 |              |       | 429999.56 | 1266109.22 |
|      | 197° 4' 4"   | 97    |           |            |
| 1016 |              |       | 429906.8  | 1266080.74 |
|      | 147° 48' 16" | 137.1 |           |            |
| 1017 |              |       | 429790.81 | 1266153.77 |
|      | 146° 58' 57" | 118.6 |           |            |
| 1018 |              |       | 429691.37 | 1266218.39 |
|      | 211° 51' 1"  | 57.2  |           |            |
| 1019 |              |       | 429642.79 | 1266188.21 |
|      | 140° 41' 1"  | 69    |           |            |
| 1020 |              |       | 429589.43 | 1266231.91 |
|      | 183° 16' 15" | 27.2  |           |            |
| 1021 |              |       | 429562.31 | 1266230.36 |
|      | 146° 56' 58" | 95.9  |           |            |
| 1022 |              |       | 429481.93 | 1266282.66 |
|      | 208° 12' 31" | 220.4 |           |            |
| 1023 |              |       | 429287.67 | 1266178.46 |
|      | 205° 39' 56" | 11.7  |           |            |

|      |              |       |           |            |
|------|--------------|-------|-----------|------------|
| 1024 |              |       | 429277.14 | 1266173.4  |
|      | 141° 33' 34" | 9     |           |            |
| 1025 |              |       | 429270.11 | 1266178.98 |
|      | 227° 11' 26" | 22    |           |            |
| 1026 |              |       | 429255.15 | 1266162.83 |
|      | 205° 28' 43" | 33.5  |           |            |
| 1027 |              |       | 429224.91 | 1266148.42 |
|      | 265° 46' 43" | 82.7  |           |            |
| 1028 |              |       | 429218.82 | 1266065.91 |
|      | 214° 9' 27"  | 51    |           |            |
| 1029 |              |       | 429176.64 | 1266037.29 |
|      | 218° 33' 49" | 91.3  |           |            |
| 1030 |              |       | 429105.27 | 1265980.39 |
|      | 231° 20' 6"  | 391.8 |           |            |
| 1031 |              |       | 428860.49 | 1265674.47 |
|      | 231° 22' 58" | 375.5 |           |            |
| 1032 |              |       | 428626.12 | 1265381.06 |
|      | 235° 5' 49"  | 226.8 |           |            |
| 1033 |              |       | 428496.35 | 1265195.06 |
|      | 228° 29' 4"  | 182.7 |           |            |
| 1034 |              |       | 428375.28 | 1265058.29 |
|      | 222° 37' 50" | 291.3 |           |            |
| 1035 |              |       | 428160.98 | 1264861.02 |
|      | 227° 16' 23" | 99.8  |           |            |
| 1036 |              |       | 428093.24 | 1264787.68 |
|      | 327° 43' 12" | 130.3 |           |            |
| 1037 |              |       | 428203.39 | 1264718.1  |
|      | 196° 5' 29"  | 237   |           |            |
| 1038 |              |       | 427975.64 | 1264652.4  |
|      | 236° 59' 23" | 422.1 |           |            |
| 1039 |              |       | 427745.7  | 1264298.46 |
|      | 225° 55' 28" | 140.2 |           |            |
| 1040 |              |       | 427648.16 | 1264197.72 |
|      | 267° 22' 48" | 277.6 |           |            |
| 1041 |              |       | 427635.47 | 1263920.38 |
|      | 14° 13' 44"  | 122.5 |           |            |
| 1042 |              |       | 427754.17 | 1263950.48 |
|      | 57° 20' 54"  | 95.8  |           |            |
| 1043 |              |       | 427805.85 | 1264031.13 |
|      | 5° 46' 15"   | 714.9 |           |            |
| 1044 |              |       | 428517.08 | 1264103.01 |
|      | 3° 14' 38"   | 394.1 |           |            |
| 1045 |              |       | 428910.51 | 1264125.31 |
|      | 265° 56' 37" | 392.5 |           |            |
| 1046 |              |       | 428882.75 | 1263733.84 |
|      | 255° 43' 32" | 178   |           |            |
| 1047 |              |       | 428838.87 | 1263561.37 |
|      | 261° 56' 13" | 186.7 |           |            |
| 1048 |              |       | 428812.68 | 1263376.49 |
|      | 319° 25' 0"  | 38    |           |            |
| 1049 |              |       | 428841.55 | 1263351.76 |
|      | 263° 58' 20" | 734.9 |           |            |
| 1050 |              |       | 428764.38 | 1262620.93 |
|      | 264° 18' 23" | 882.4 |           |            |
| 1051 |              |       | 428676.84 | 1261742.88 |
|      | 293° 22' 43" | 74.3  |           |            |
| 1052 |              |       | 428706.34 | 1261674.64 |
|      | 266° 37' 47" | 115.5 |           |            |
| 1053 |              |       | 428699.55 | 1261559.34 |
|      | 158° 30' 9"  | 31.8  |           |            |

|      |              |       |           |            |
|------|--------------|-------|-----------|------------|
| 1054 |              |       | 428669.92 | 1261571.01 |
|      | 262° 29' 55" | 158   |           |            |
| 1055 |              |       | 428649.3  | 1261414.41 |
|      | 4° 37' 50"   | 26.1  |           |            |
| 1056 |              |       | 428675.35 | 1261416.52 |
|      | 257° 53' 29" | 94.2  |           |            |
| 1057 |              |       | 428655.6  | 1261324.46 |
|      | 341° 23' 45" | 50.3  |           |            |
| 1058 |              |       | 428703.31 | 1261308.4  |
|      | 265° 11' 2"  | 106.2 |           |            |
| 1059 |              |       | 428694.39 | 1261202.53 |
|      | 176° 50' 44" | 55.1  |           |            |
| 1060 |              |       | 428639.41 | 1261205.56 |
|      | 263° 24' 9"  | 64.2  |           |            |
| 1061 |              |       | 428632.03 | 1261141.75 |
|      | 163° 31' 7"  | 123.7 |           |            |
| 1062 |              |       | 428513.46 | 1261176.83 |
|      | 273° 52' 39" | 165.8 |           |            |
| 1063 |              |       | 428524.67 | 1261011.45 |
|      | 330° 22' 48" | 129.7 |           |            |
| 1064 |              |       | 428637.38 | 1260947.37 |
|      | 261° 42' 18" | 386.9 |           |            |
| 1065 |              |       | 428581.57 | 1260564.56 |
|      | 273° 0' 49"  | 132.2 |           |            |
| 1066 |              |       | 428588.52 | 1260432.55 |
|      | 319° 12' 0"  | 40.1  |           |            |
| 1067 |              |       | 428618.85 | 1260406.37 |
|      | 257° 31' 31" | 187.8 |           |            |
| 1068 |              |       | 428578.29 | 1260223.03 |
|      | 255° 16' 12" | 31.9  |           |            |
| 1069 |              |       | 428570.19 | 1260192.22 |
|      | 261° 51' 16" | 26.3  |           |            |
| 1070 |              |       | 428566.47 | 1260166.23 |
|      | 183° 38' 16" | 201.4 |           |            |
| 1071 |              |       | 428365.46 | 1260153.45 |
|      | 174° 19' 42" | 26.3  |           |            |
| 1072 |              |       | 428339.28 | 1260156.05 |
|      | 182° 48' 17" | 71.9  |           |            |
| 1073 |              |       | 428267.43 | 1260152.53 |
|      | 213° 41' 21" | 213.7 |           |            |
| 1074 |              |       | 428089.63 | 1260034    |
|      | 221° 11' 9"  | 11.5  |           |            |
| 1075 |              |       | 428080.99 | 1260026.44 |
|      | 274° 38' 5"  | 194.9 |           |            |
| 1076 |              |       | 428096.74 | 1259832.16 |
|      | 229° 49' 21" | 76    |           |            |
| 1077 |              |       | 428047.74 | 1259774.13 |
|      | 248° 16' 6"  | 15.2  |           |            |
| 1078 |              |       | 428042.1  | 1259759.98 |
|      | 264° 32' 54" | 9.7   |           |            |
| 1079 |              |       | 428041.18 | 1259750.34 |
|      | 268° 28' 53" | 100.8 |           |            |
| 1080 |              |       | 428038.51 | 1259649.62 |
|      | 13° 38' 11"  | 80    |           |            |
| 1081 |              |       | 428116.21 | 1259668.47 |
|      | 15° 10' 20"  | 55.3  |           |            |
| 1082 |              |       | 428169.57 | 1259682.94 |
|      | 356° 37' 40" | 42    |           |            |
| 1083 |              |       | 428211.49 | 1259680.47 |
|      | 10° 36' 28"  | 66.3  |           |            |

|      |              |       |           |            |
|------|--------------|-------|-----------|------------|
| 1084 |              |       | 428276.63 | 1259692.67 |
|      | 357° 53' 53" | 21    |           |            |
| 1085 |              |       | 428297.61 | 1259691.9  |
|      | 290° 5' 59"  | 129.8 |           |            |
| 1086 |              |       | 428342.23 | 1259569.97 |
|      | 336° 24' 20" | 94.7  |           |            |
| 1087 |              |       | 428428.98 | 1259532.08 |
|      | 13° 46' 16"  | 51.4  |           |            |
| 1088 |              |       | 428478.92 | 1259544.32 |
|      | 344° 30' 35" | 47.7  |           |            |
| 1089 |              |       | 428524.89 | 1259531.58 |
|      | 334° 3' 55"  | 30.9  |           |            |
| 1090 |              |       | 428552.67 | 1259518.07 |
|      | 301° 20' 35" | 32.1  |           |            |
| 1091 |              |       | 428569.37 | 1259490.65 |
|      | 281° 1' 30"  | 36.7  |           |            |
| 1092 |              |       | 428576.39 | 1259454.62 |
|      | 282° 38' 25" | 28.4  |           |            |
| 1093 |              |       | 428582.6  | 1259426.93 |
|      | 12° 46' 46"  | 35.9  |           |            |
| 1094 |              |       | 428617.65 | 1259434.88 |
|      | 31° 19' 53"  | 62.8  |           |            |
| 1095 |              |       | 428671.3  | 1259467.54 |
|      | 30° 14' 2"   | 61    |           |            |
| 1096 |              |       | 428724.01 | 1259498.26 |
|      | 301° 21' 5"  | 111.7 |           |            |
| 1097 |              |       | 428782.15 | 1259402.83 |
|      | 298° 46' 15" | 274.4 |           |            |
| 1098 |              |       | 428914.24 | 1259162.27 |
|      | 283° 56' 50" | 57.9  |           |            |
| 1099 |              |       | 428928.19 | 1259106.1  |
|      | 294° 32' 37" | 73.7  |           |            |
| 1100 |              |       | 428958.79 | 1259039.09 |
|      | 306° 22' 11" | 43.8  |           |            |
| 1101 |              |       | 428984.75 | 1259003.84 |
|      | 310° 42' 50" | 81.1  |           |            |
| 1102 |              |       | 429037.64 | 1258942.38 |
|      | 184° 19' 27" | 34.2  |           |            |
| 1103 |              |       | 429003.52 | 1258939.8  |
|      | 183° 13' 31" | 341.3 |           |            |
| 1104 |              |       | 428662.8  | 1258920.6  |
|      | 182° 1' 15"  | 289.8 |           |            |
| 1105 |              |       | 428373.19 | 1258910.38 |
|      | 274° 12' 7"  | 351.3 |           |            |
| 1106 |              |       | 428398.93 | 1258560.04 |
|      | 274° 22' 55" | 50.1  |           |            |
| 1107 |              |       | 428402.76 | 1258510.06 |
|      | 271° 3' 5"   | 13.6  |           |            |
| 1108 |              |       | 428403.01 | 1258496.44 |
|      | 273° 28' 50" | 47.1  |           |            |
| 1109 |              |       | 428405.87 | 1258449.42 |
|      | 273° 28' 42" | 47.8  |           |            |
| 1110 |              |       | 428408.77 | 1258401.71 |
|      | 273° 28' 28" | 48.5  |           |            |
| 1111 |              |       | 428411.71 | 1258353.29 |
|      | 273° 28' 1"  | 49.1  |           |            |
| 1112 |              |       | 428414.68 | 1258304.27 |
|      | 273° 28' 41" | 49.9  |           |            |
| 1113 |              |       | 428417.71 | 1258254.42 |
|      | 273° 28' 16" | 50.7  |           |            |

|      |              |       |           |            |
|------|--------------|-------|-----------|------------|
| 1114 |              |       | 428420.78 | 1258203.81 |
|      | 273° 31' 27" | 9.6   |           |            |
| 1115 |              |       | 428421.37 | 1258194.23 |
|      | 273° 28' 23" | 70    |           |            |
| 1116 |              |       | 428425.61 | 1258124.37 |
|      | 269° 30' 22" | 36    |           |            |
| 1117 |              |       | 428425.3  | 1258088.4  |
|      | 267° 45' 55" | 78.7  |           |            |
| 1118 |              |       | 428422.23 | 1258009.72 |
|      | 269° 49' 13" | 105.3 |           |            |
| 1119 |              |       | 428421.9  | 1257904.4  |
|      | 271° 24' 56" | 36    |           |            |
| 1120 |              |       | 428422.79 | 1257868.39 |
|      | 271° 24' 55" | 36    |           |            |
| 1121 |              |       | 428423.68 | 1257832.37 |
|      | 271° 21' 51" | 100   |           |            |
| 1122 |              |       | 428426.06 | 1257732.43 |
|      | 271° 31' 40" | 36    |           |            |
| 1123 |              |       | 428427.02 | 1257696.44 |
|      | 271° 18' 18" | 36    |           |            |
| 1124 |              |       | 428427.84 | 1257660.45 |
|      | 271° 29' 46" | 36    |           |            |
| 1125 |              |       | 428428.78 | 1257624.46 |
|      | 271° 21' 11" | 36    |           |            |
| 1126 |              |       | 428429.63 | 1257588.48 |
|      | 271° 28' 48" | 36    |           |            |
| 1127 |              |       | 428430.56 | 1257552.49 |
|      | 271° 24' 59" | 36    |           |            |
| 1128 |              |       | 428431.45 | 1257516.5  |
|      | 271° 24' 59" | 36    |           |            |
| 1129 |              |       | 428432.34 | 1257480.51 |
|      | 271° 24' 59" | 36    |           |            |
| 1130 |              |       | 428433.23 | 1257444.52 |
|      | 267° 15' 25" | 88.6  |           |            |
| 1131 |              |       | 428428.99 | 1257356.02 |
|      | 356° 47' 59" | 124.7 |           |            |
| 1132 |              |       | 428553.47 | 1257349.06 |
|      | 356° 33' 11" | 204.9 |           |            |
| 1133 |              |       | 428758.01 | 1257336.74 |
|      | 242° 38' 35" | 124.3 |           |            |
| 1134 |              |       | 428700.91 | 1257226.38 |
|      | 240° 17' 35" | 128.4 |           |            |
| 1135 |              |       | 428637.26 | 1257114.82 |
|      | 241° 1' 10"  | 62.2  |           |            |
| 1136 |              |       | 428607.13 | 1257060.42 |
|      | 332° 52' 39" | 48.7  |           |            |
| 1137 |              |       | 428650.51 | 1257038.2  |
|      | 224° 15' 42" | 117.5 |           |            |
| 1138 |              |       | 428566.39 | 1256956.22 |
|      | 235° 30' 15" | 916.5 |           |            |
| 1139 |              |       | 428047.32 | 1256200.85 |
|      | 235° 33' 16" | 631.8 |           |            |
| 1140 |              |       | 427689.97 | 1255679.84 |
|      | 233° 22' 44" | 89.3  |           |            |
| 1141 |              |       | 427636.71 | 1255608.18 |
|      | 231° 8' 45"  | 268.6 |           |            |
| 1142 |              |       | 427468.2  | 1255399    |
|      | 222° 47' 47" | 142.5 |           |            |
| 1143 |              |       | 427363.61 | 1255302.16 |
|      | 232° 38' 19" | 64.4  |           |            |

|      |              |         |           |            |
|------|--------------|---------|-----------|------------|
| 1144 |              |         | 427324.55 | 1255251    |
|      | 147° 58' 15" | 36      |           |            |
| 1145 |              |         | 427294.05 | 1255270.08 |
|      | 150° 53' 10" | 37.7    |           |            |
| 1146 |              |         | 427261.1  | 1255288.43 |
|      | 203° 53' 37" | 10.2    |           |            |
| 1147 |              |         | 427251.8  | 1255284.31 |
|      | 214° 43' 40" | 5.5     |           |            |
| 1148 |              |         | 427247.27 | 1255281.17 |
|      | 239° 8' 45"  | 46.6    |           |            |
| 1149 |              |         | 427223.38 | 1255241.18 |
|      | 316° 40' 54" | 16.4    |           |            |
| 1150 |              |         | 427235.3  | 1255229.94 |
|      | 296° 38' 35" | 13.1    |           |            |
| 1151 |              |         | 427241.18 | 1255218.22 |
|      | 277° 18' 16" | 11.1    |           |            |
| 1152 |              |         | 427242.59 | 1255207.22 |
|      | 266° 53' 34" | 15.3    |           |            |
| 1153 |              |         | 427241.76 | 1255191.93 |
|      | 236° 16' 35" | 4.8     |           |            |
| 1154 |              |         | 427239.11 | 1255187.96 |
|      | 150° 6' 36"  | 6.9     |           |            |
| 1155 |              |         | 427233.16 | 1255191.38 |
|      | 137° 13' 48" | 10.7    |           |            |
| 1156 |              |         | 427225.29 | 1255198.66 |
|      | 164° 34' 51" | 5.8     |           |            |
| 1157 |              |         | 427219.67 | 1255200.21 |
|      | 206° 11' 17" | 6.8     |           |            |
| 1158 |              |         | 427213.57 | 1255197.21 |
|      | 252° 17' 50" | 10.9    |           |            |
| 1159 |              |         | 427210.26 | 1255186.84 |
|      | 248° 41' 8"  | 7       |           |            |
| 1160 |              |         | 427207.72 | 1255180.33 |
|      | 196° 27' 7"  | 3.1     |           |            |
| 1161 |              |         | 427204.74 | 1255179.45 |
|      | 139° 33' 41" | 18.3    |           |            |
| 1162 |              |         | 427190.8  | 1255191.33 |
|      | 238° 52' 13" | 22.5    |           |            |
| 1163 |              |         | 427179.15 | 1255172.04 |
|      | 310° 39' 47" | 14      |           |            |
| 1164 |              |         | 427188.29 | 1255161.4  |
|      | 311° 37' 35" | 27.6    |           |            |
| 1165 |              |         | 427206.65 | 1255140.74 |
|      | 326° 28' 56" | 31.3    |           |            |
| 1166 |              |         | 427232.77 | 1255123.44 |
|      | 235° 58' 29" | 1 840.9 |           |            |
| 1167 |              |         | 426202.7  | 1253597.75 |
|      | 236° 32' 54" | 487.1   |           |            |
| 1168 |              |         | 425934.21 | 1253191.36 |
|      | 241° 53' 47" | 187.4   |           |            |
| 1169 |              |         | 425845.94 | 1253026.07 |
|      | 254° 44' 26" | 119.8   |           |            |
| 1170 |              |         | 425814.42 | 1252910.53 |
|      | 250° 52' 45" | 74      |           |            |
| 1171 |              |         | 425790.19 | 1252840.64 |
|      | 262° 42' 33" | 22.3    |           |            |
| 1172 |              |         | 425787.36 | 1252818.52 |
|      | 265° 54' 35" | 44      |           |            |
| 1173 |              |         | 425784.22 | 1252774.61 |
|      | 265° 43' 27" | 27.5    |           |            |

|      |              |       |           |            |
|------|--------------|-------|-----------|------------|
| 1174 |              |       | 425782.17 | 1252747.19 |
|      | 262° 44' 40" | 58.3  |           |            |
| 1175 |              |       | 425774.81 | 1252689.38 |
|      | 265° 59' 23" | 60.1  |           |            |
| 1176 |              |       | 425770.61 | 1252629.47 |
|      | 274° 19' 42" | 69.6  |           |            |
| 1177 |              |       | 425775.86 | 1252560.11 |
|      | 282° 16' 27" | 74.2  |           |            |
| 1178 |              |       | 425791.64 | 1252487.58 |
|      | 279° 23' 30" | 70.8  |           |            |
| 1179 |              |       | 425803.2  | 1252417.69 |
|      | 283° 31' 12" | 69.7  |           |            |
| 1180 |              |       | 425819.5  | 1252349.9  |
|      | 286° 38' 2"  | 79    |           |            |
| 1181 |              |       | 425842.11 | 1252274.22 |
|      | 288° 3' 17"  | 73    |           |            |
| 1182 |              |       | 425864.72 | 1252204.86 |
|      | 299° 24' 17" | 85.7  |           |            |
| 1183 |              |       | 425906.78 | 1252130.23 |
|      | 292° 31' 30" | 179.8 |           |            |
| 1184 |              |       | 425975.65 | 1251964.17 |
|      | 295° 38' 0"  | 189.8 |           |            |
| 1185 |              |       | 426057.75 | 1251793.07 |
|      | 289° 37' 36" | 64.2  |           |            |
| 1186 |              |       | 426079.3  | 1251732.64 |
|      | 296° 19' 15" | 211.1 |           |            |
| 1187 |              |       | 426172.89 | 1251543.45 |
|      | 294° 48' 22" | 381.6 |           |            |
| 1188 |              |       | 426332.99 | 1251197.06 |
|      | 22° 48' 7"   | 78.4  |           |            |
| 1189 |              |       | 426405.23 | 1251227.43 |
|      | 15° 58' 9"   | 78.8  |           |            |
| 1190 |              |       | 426480.99 | 1251249.11 |
|      | 9° 18' 39"   | 190   |           |            |
| 1191 |              |       | 426668.48 | 1251279.85 |
|      | 0° 49' 47"   | 78    |           |            |
| 1192 |              |       | 426746.48 | 1251280.98 |
|      | 356° 41' 15" | 118.6 |           |            |
| 1193 |              |       | 426864.84 | 1251274.13 |
|      | 355° 43' 9"  | 100.9 |           |            |
| 1194 |              |       | 426965.44 | 1251266.6  |
|      | 5° 59' 25"   | 115.8 |           |            |
| 1195 |              |       | 427080.56 | 1251278.68 |
|      | 10° 7' 20"   | 184.5 |           |            |
| 1196 |              |       | 427262.21 | 1251311.11 |
|      | 358° 8' 1"   | 89    |           |            |
| 1197 |              |       | 427351.21 | 1251308.21 |
|      | 332° 27' 33" | 143.2 |           |            |
| 1198 |              |       | 427478.14 | 1251242.02 |
|      | 345° 57' 25" | 63.4  |           |            |
| 1199 |              |       | 427539.67 | 1251226.63 |
|      | 332° 27' 26" | 40.9  |           |            |
| 1200 |              |       | 427575.93 | 1251207.72 |
|      | 301° 44' 55" | 54    |           |            |
| 1201 |              |       | 427604.32 | 1251161.84 |
|      | 322° 15' 41" | 71.1  |           |            |
| 1202 |              |       | 427660.55 | 1251118.32 |
|      | 262° 29' 20" | 52.9  |           |            |
| 1203 |              |       | 427653.64 | 1251065.91 |
|      | 6° 55' 15"   | 142.2 |           |            |

|      |              |       |           |            |
|------|--------------|-------|-----------|------------|
| 1204 |              |       | 427794.76 | 1251083.04 |
|      | 43° 53' 13"  | 126.3 |           |            |
| 1205 |              |       | 427885.81 | 1251170.62 |
|      | 51° 4' 0"    | 121.2 |           |            |
| 1206 |              |       | 427961.95 | 1251264.87 |
|      | 52° 17' 8"   | 164.4 |           |            |
| 1207 |              |       | 428062.5  | 1251394.9  |
|      | 37° 44' 43"  | 111.8 |           |            |
| 1208 |              |       | 428150.88 | 1251463.32 |
|      | 30° 52' 40"  | 124.6 |           |            |
| 1209 |              |       | 428257.81 | 1251527.26 |
|      | 22° 57' 55"  | 166.2 |           |            |
| 1210 |              |       | 428410.82 | 1251592.1  |
|      | 44° 20' 4"   | 131.5 |           |            |
| 1211 |              |       | 428504.89 | 1251684.01 |
|      | 63° 36' 12"  | 77.6  |           |            |
| 1212 |              |       | 428539.39 | 1251753.52 |
|      | 53° 45' 17"  | 49.9  |           |            |
| 1213 |              |       | 428568.89 | 1251793.76 |
|      | 31° 27' 18"  | 55.2  |           |            |
| 1214 |              |       | 428615.97 | 1251822.56 |
|      | 39° 55' 3"   | 50.4  |           |            |
| 1215 |              |       | 428654.66 | 1251854.93 |
|      | 51° 29' 12"  | 72.7  |           |            |
| 1216 |              |       | 428699.91 | 1251911.79 |
|      | 40° 21' 57"  | 74.7  |           |            |
| 1217 |              |       | 428756.86 | 1251960.2  |
|      | 2° 26' 11"   | 34.8  |           |            |
| 1218 |              |       | 428791.64 | 1251961.68 |
|      | 89° 14' 38"  | 32.6  |           |            |
| 1219 |              |       | 428792.07 | 1251994.27 |
|      | 53° 49' 18"  | 33.8  |           |            |
| 1220 |              |       | 428812.02 | 1252021.55 |
|      | 72° 48' 55"  | 22.6  |           |            |
| 1221 |              |       | 428818.7  | 1252043.15 |
|      | 41° 27' 18"  | 0.8   |           |            |
| 1222 |              |       | 428819.3  | 1252043.68 |
|      | 2° 15' 8"    | 42.5  |           |            |
| 1223 |              |       | 428861.76 | 1252045.35 |
|      | 70° 51' 43"  | 99.7  |           |            |
| 1224 |              |       | 428894.46 | 1252139.58 |
|      | 3° 15' 32"   | 24.1  |           |            |
| 1225 |              |       | 428918.52 | 1252140.95 |
|      | 3° 15' 0"    | 52.9  |           |            |
| 1226 |              |       | 428971.35 | 1252143.95 |
|      | 3° 15' 7"    | 49.2  |           |            |
| 1227 |              |       | 429020.45 | 1252146.74 |
|      | 2° 1' 22"    | 222.7 |           |            |
| 1228 |              |       | 429242.97 | 1252154.6  |
|      | 4° 0' 42"    | 105.8 |           |            |
| 1229 |              |       | 429348.48 | 1252162    |
|      | 356° 44' 34" | 86.4  |           |            |
| 1230 |              |       | 429434.76 | 1252157.09 |
|      | 83° 26' 57"  | 123.2 |           |            |
| 1231 |              |       | 429448.82 | 1252279.53 |
|      | 84° 15' 40"  | 263.2 |           |            |
| 1232 |              |       | 429475.14 | 1252541.43 |
|      | 84° 20' 50"  | 195.9 |           |            |
| 1233 |              |       | 429494.44 | 1252736.42 |
|      | 84° 34' 14"  | 237.3 |           |            |



|      |              |       |           |            |
|------|--------------|-------|-----------|------------|
| 1234 |              |       | 429516.89 | 1252972.63 |
|      | 91° 37' 59"  | 9.5   |           |            |
| 1235 |              |       | 429516.62 | 1252982.1  |
|      | 86° 59' 8"   | 194.2 |           |            |
| 1236 |              |       | 429526.83 | 1253176    |
|      | 23° 38' 33"  | 19.8  |           |            |
| 1237 |              |       | 429544.99 | 1253183.95 |
|      | 296° 38' 3"  | 137.1 |           |            |
| 1238 |              |       | 429606.47 | 1253061.36 |
|      | 298° 57' 14" | 403.3 |           |            |
| 1239 |              |       | 429801.7  | 1252708.49 |
|      | 297° 45' 34" | 298.2 |           |            |
| 1240 |              |       | 429940.58 | 1252444.63 |
|      | 290° 30' 28" | 295.4 |           |            |
| 1241 |              |       | 430044.07 | 1252167.95 |
|      | 18° 37' 43"  | 22.4  |           |            |
| 1242 |              |       | 430065.34 | 1252175.12 |
|      | 22° 42' 48"  | 114.6 |           |            |
| 1243 |              |       | 430171.03 | 1252219.36 |
|      | 31° 7' 1"    | 70.4  |           |            |
| 1244 |              |       | 430231.33 | 1252255.76 |
|      | 341° 6' 50"  | 136.1 |           |            |
| 1245 |              |       | 430360.15 | 1252211.69 |
|      | 357° 48' 20" | 126.7 |           |            |
| 1246 |              |       | 430486.72 | 1252206.84 |
|      | 0° 44' 38"   | 48.5  |           |            |
| 1247 |              |       | 430535.23 | 1252207.47 |
|      | 5° 30' 23"   | 22.6  |           |            |
| 1248 |              |       | 430557.74 | 1252209.64 |
|      | 0° 33' 22"   | 20.6  |           |            |
| 1249 |              |       | 430578.34 | 1252209.84 |
|      | 344° 17' 8"  | 32.7  |           |            |
| 1250 |              |       | 430609.83 | 1252200.98 |
|      | 341° 30' 32" | 55.1  |           |            |
| 1251 |              |       | 430662.07 | 1252183.51 |
|      | 290° 4' 54"  | 60    |           |            |
| 1252 |              |       | 430682.66 | 1252127.19 |
|      | 7° 59' 13"   | 212.9 |           |            |
| 1253 |              |       | 430893.48 | 1252156.77 |
|      | 14° 28' 50"  | 119.8 |           |            |
| 1254 |              |       | 431009.45 | 1252186.72 |
|      | 73° 21' 12"  | 84.2  |           |            |
| 1255 |              |       | 431033.57 | 1252267.39 |
|      | 336° 24' 11" | 56.3  |           |            |
| 1256 |              |       | 431085.17 | 1252244.85 |
|      | 82° 37' 53"  | 51.1  |           |            |
| 1257 |              |       | 431091.72 | 1252295.5  |
|      | 348° 10' 43" | 39.3  |           |            |
| 1258 |              |       | 431130.23 | 1252287.44 |
|      | 333° 44' 31" | 65.1  |           |            |
| 1259 |              |       | 431188.61 | 1252258.64 |
|      | 274° 15' 2"  | 78.4  |           |            |
| 1260 |              |       | 431194.42 | 1252180.47 |
|      | 318° 14' 42" | 99.2  |           |            |
| 1261 |              |       | 431268.41 | 1252114.42 |
|      | 326° 38' 16" | 110.9 |           |            |
| 1262 |              |       | 431361.04 | 1252053.43 |
|      | 272° 45' 58" | 62.6  |           |            |
| 1263 |              |       | 431364.06 | 1251990.93 |
|      | 265° 17' 25" | 58.8  |           |            |

|      |              |       |           |            |
|------|--------------|-------|-----------|------------|
| 1264 |              |       | 431359.23 | 1251932.3  |
|      | 6° 35' 53"   | 42.9  |           |            |
| 1265 |              |       | 431401.85 | 1251937.23 |
|      | 279° 39' 23" | 21.8  |           |            |
| 1266 |              |       | 431405.51 | 1251915.72 |
|      | 226° 37' 33" | 19.4  |           |            |
| 1267 |              |       | 431392.16 | 1251901.59 |
|      | 226° 40' 17" | 20.6  |           |            |
| 1268 |              |       | 431378.02 | 1251886.6  |
|      | 251° 2' 42"  | 22    |           |            |
| 1269 |              |       | 431370.89 | 1251865.84 |
|      | 342° 49' 48" | 103.1 |           |            |
| 1270 |              |       | 431469.41 | 1251835.4  |
|      | 328° 31' 2"  | 74.8  |           |            |
| 1271 |              |       | 431533.21 | 1251796.33 |
|      | 345° 17' 30" | 4.1   |           |            |
| 1272 |              |       | 431537.21 | 1251795.28 |
|      | 267° 15' 37" | 53.6  |           |            |
| 1273 |              |       | 431534.65 | 1251741.78 |
|      | 263° 11' 21" | 86.6  |           |            |
| 1274 |              |       | 431524.38 | 1251655.79 |
|      | 291° 26' 16" | 94.3  |           |            |
| 1275 |              |       | 431558.84 | 1251568.03 |
|      | 319° 7' 18"  | 103   |           |            |
| 1276 |              |       | 431636.72 | 1251500.62 |
|      | 11° 11' 21"  | 193.6 |           |            |
| 1277 |              |       | 431826.6  | 1251538.18 |
|      | 349° 37' 21" | 40.2  |           |            |
| 1278 |              |       | 431866.19 | 1251530.93 |
|      | 323° 22' 10" | 69.4  |           |            |
| 1279 |              |       | 431921.86 | 1251489.54 |
|      | 331° 22' 14" | 17    |           |            |
| 1280 |              |       | 431936.79 | 1251481.39 |
|      | 56° 26' 34"  | 15.5  |           |            |
| 1281 |              |       | 431945.38 | 1251494.34 |
|      | 68° 24' 24"  | 51.6  |           |            |
| 1282 |              |       | 431964.37 | 1251542.32 |
|      | 23° 41' 47"  | 92.8  |           |            |
| 1283 |              |       | 432049.31 | 1251579.6  |
|      | 352° 7' 21"  | 15.4  |           |            |
| 1284 |              |       | 432064.56 | 1251577.49 |
|      | 316° 49' 15" | 23.6  |           |            |
| 1285 |              |       | 432081.76 | 1251561.35 |
|      | 347° 5' 35"  | 77.8  |           |            |
| 1286 |              |       | 432157.56 | 1251543.98 |
|      | 357° 4' 37"  | 21.8  |           |            |
| 1287 |              |       | 432179.3  | 1251542.87 |
|      | 61° 58' 32"  | 39.9  |           |            |
| 1288 |              |       | 432198.03 | 1251578.06 |
|      | 10° 56' 8"   | 6.9   |           |            |
| 1289 |              |       | 432204.81 | 1251579.37 |
|      | 322° 18' 58" | 25.2  |           |            |
| 1290 |              |       | 432224.76 | 1251563.96 |
|      | 18° 8' 56"   | 28.5  |           |            |
| 1291 |              |       | 432251.85 | 1251572.84 |
|      | 58° 51' 55"  | 46    |           |            |
| 1292 |              |       | 432275.65 | 1251612.24 |
|      | 43° 48' 59"  | 35.9  |           |            |
| 1293 |              |       | 432301.59 | 1251637.13 |
|      | 12° 1' 30"   | 46.5  |           |            |

|      |              |       |           |            |
|------|--------------|-------|-----------|------------|
| 1294 |              |       | 432347.08 | 1251646.82 |
|      | 356° 40' 43" | 39.5  |           |            |
| 1295 |              |       | 432386.54 | 1251644.53 |
|      | 348° 24' 3"  | 21.4  |           |            |
| 1296 |              |       | 432407.49 | 1251640.23 |
|      | 324° 51' 45" | 44.6  |           |            |
| 1297 |              |       | 432443.95 | 1251614.57 |
|      | 277° 23' 25" | 24.1  |           |            |
| 1298 |              |       | 432447.05 | 1251590.67 |
|      | 263° 12' 59" | 50.4  |           |            |
| 1299 |              |       | 432441.1  | 1251540.65 |
|      | 307° 33' 20" | 65    |           |            |
| 1300 |              |       | 432480.72 | 1251489.12 |
|      | 290° 55' 57" | 29.4  |           |            |
| 1301 |              |       | 432491.22 | 1251461.67 |
|      | 278° 21' 25" | 45.7  |           |            |
| 1302 |              |       | 432497.86 | 1251416.47 |
|      | 274° 21' 36" | 59.2  |           |            |
| 1303 |              |       | 432502.36 | 1251357.45 |
|      | 277° 53' 13" | 29    |           |            |
| 1304 |              |       | 432506.34 | 1251328.72 |
|      | 302° 19' 24" | 50    |           |            |
| 1305 |              |       | 432533.08 | 1251286.46 |
|      | 253° 51' 44" | 10.6  |           |            |
| 1306 |              |       | 432530.12 | 1251276.23 |
|      | 261° 30' 41" | 24.9  |           |            |
| 1307 |              |       | 432526.45 | 1251251.64 |
|      | 0° 48' 25"   | 127.8 |           |            |
| 1308 |              |       | 432654.22 | 1251253.44 |
|      | 22° 21' 54"  | 90.8  |           |            |
| 1309 |              |       | 432738.19 | 1251287.99 |
|      | 35° 57' 1"   | 61.9  |           |            |
| 1310 |              |       | 432788.34 | 1251324.36 |
|      | 46° 47' 5"   | 52    |           |            |
| 1311 |              |       | 432823.94 | 1251362.25 |
|      | 80° 17' 15"  | 102.5 |           |            |
| 1312 |              |       | 432841.23 | 1251463.27 |
|      | 86° 51' 2"   | 97.7  |           |            |
| 1313 |              |       | 432846.6  | 1251560.87 |
|      | 75° 54' 6"   | 65    |           |            |
| 1314 |              |       | 432862.44 | 1251623.94 |
|      | 24° 44' 43"  | 227.9 |           |            |
| 1315 |              |       | 433069.38 | 1251719.32 |
|      | 5° 11' 25"   | 138.9 |           |            |
| 1316 |              |       | 433207.76 | 1251731.89 |
|      | 349° 39' 38" | 26.7  |           |            |
| 1317 |              |       | 433234.07 | 1251727.09 |
|      | 7° 11' 52"   | 79.9  |           |            |
| 1318 |              |       | 433313.33 | 1251737.1  |
|      | 347° 52' 44" | 132.7 |           |            |
| 1319 |              |       | 433443.1  | 1251709.23 |
|      | 331° 5' 45"  | 69.5  |           |            |
| 1320 |              |       | 433503.92 | 1251675.65 |
|      | 353° 16' 42" | 232.4 |           |            |
| 1321 |              |       | 433734.71 | 1251648.45 |
|      | 353° 56' 11" | 123.3 |           |            |
| 1322 |              |       | 433857.28 | 1251635.43 |
|      | 329° 53' 28" | 91.6  |           |            |
| 1323 |              |       | 433936.52 | 1251589.48 |
|      | 339° 52' 17" | 77.2  |           |            |

|      |              |       |           |            |
|------|--------------|-------|-----------|------------|
| 1324 |              |       | 434008.96 | 1251562.93 |
|      | 329° 9' 34"  | 92.4  |           |            |
| 1325 |              |       | 434088.28 | 1251515.57 |
|      | 327° 29' 3"  | 63.2  |           |            |
| 1326 |              |       | 434141.57 | 1251481.6  |
|      | 334° 4' 51"  | 140.4 |           |            |
| 1327 |              |       | 434267.85 | 1251420.23 |
|      | 357° 20' 52" | 120.4 |           |            |
| 1328 |              |       | 434388.1  | 1251414.66 |
|      | 0° 59' 56"   | 118.7 |           |            |
| 1329 |              |       | 434506.81 | 1251416.73 |
|      | 343° 35' 9"  | 61    |           |            |
| 1330 |              |       | 434565.3  | 1251399.5  |
|      | 330° 31' 52" | 51.5  |           |            |
| 1331 |              |       | 434610.11 | 1251374.18 |
|      | 334° 54' 50" | 117.3 |           |            |
| 1332 |              |       | 434716.34 | 1251324.45 |
|      | 342° 7' 44"  | 92.8  |           |            |
| 1333 |              |       | 434804.7  | 1251295.96 |
|      | 337° 54' 2"  | 93.6  |           |            |
| 1334 |              |       | 434891.44 | 1251260.74 |
|      | 334° 9' 20"  | 58.3  |           |            |
| 1335 |              |       | 434943.92 | 1251235.32 |
|      | 319° 30' 36" | 136.1 |           |            |
| 1336 |              |       | 435047.39 | 1251146.98 |
|      | 283° 5' 4"   | 56.4  |           |            |
| 1337 |              |       | 435060.15 | 1251092.08 |
|      | 247° 40' 41" | 69.1  |           |            |
| 1338 |              |       | 435033.91 | 1251028.17 |
|      | 228° 17' 53" | 73.1  |           |            |
| 1339 |              |       | 434985.26 | 1250973.57 |
|      | 227° 20' 28" | 84.5  |           |            |
| 1340 |              |       | 434928.02 | 1250911.45 |
|      | 302° 53' 44" | 50.8  |           |            |
| 1341 |              |       | 434955.62 | 1250868.78 |
|      | 343° 12' 37" | 96    |           |            |
| 1342 |              |       | 435047.56 | 1250841.04 |
|      | 352° 16' 32" | 198.7 |           |            |
| 1343 |              |       | 435244.48 | 1250814.33 |
|      | 349° 31' 47" | 273.6 |           |            |
| 1344 |              |       | 435513.53 | 1250764.61 |
|      | 264° 12' 12" | 66.2  |           |            |
| 1345 |              |       | 435506.84 | 1250698.71 |
|      | 329° 2' 20"  | 73.5  |           |            |
| 1346 |              |       | 435569.88 | 1250660.89 |
|      | 297° 35' 12" | 66.2  |           |            |
| 1347 |              |       | 435600.54 | 1250602.21 |
|      | 245° 58' 20" | 59.9  |           |            |
| 1348 |              |       | 435576.15 | 1250547.5  |
|      | 268° 40' 3"  | 282.1 |           |            |
| 1349 |              |       | 435569.59 | 1250265.44 |
|      | 232° 54' 7"  | 249.9 |           |            |
| 1350 |              |       | 435418.85 | 1250066.11 |
|      | 166° 15' 52" | 248.5 |           |            |
| 1351 |              |       | 435177.43 | 1250125.12 |
|      | 170° 27' 30" | 16.7  |           |            |
| 1352 |              |       | 435161.01 | 1250127.88 |
|      | 253° 51' 36" | 6.5   |           |            |
| 1353 |              |       | 435159.21 | 1250121.66 |
|      | 261° 19' 2"  | 6.2   |           |            |

|      |              |       |           |            |
|------|--------------|-------|-----------|------------|
| 1354 |              |       | 435158.28 | 1250115.57 |
|      | 174° 58' 34" | 18.8  |           |            |
| 1355 |              |       | 435139.51 | 1250117.22 |
|      | 170° 39' 37" | 155.2 |           |            |
| 1356 |              |       | 434986.41 | 1250142.4  |
|      | 174° 50' 16" | 100.8 |           |            |
| 1357 |              |       | 434886.01 | 1250151.47 |
|      | 177° 10' 33" | 53.6  |           |            |
| 1358 |              |       | 434832.49 | 1250154.11 |
|      | 253° 28' 29" | 34.1  |           |            |
| 1359 |              |       | 434822.8  | 1250121.45 |
|      | 245° 10' 43" | 39.1  |           |            |
| 1360 |              |       | 434806.39 | 1250085.97 |
|      | 320° 28' 12" | 42.6  |           |            |
| 1361 |              |       | 434839.23 | 1250058.87 |
|      | 248° 2' 21"  | 45.5  |           |            |
| 1362 |              |       | 434822.23 | 1250016.71 |
|      | 287° 35' 12" | 40.4  |           |            |
| 1363 |              |       | 434834.43 | 1249978.22 |
|      | 263° 50' 51" | 59.3  |           |            |
| 1364 |              |       | 434828.08 | 1249919.31 |
|      | 237° 51' 1"  | 43.8  |           |            |
| 1365 |              |       | 434804.75 | 1249882.19 |
|      | 279° 27' 59" | 65.3  |           |            |
| 1366 |              |       | 434815.49 | 1249817.78 |
|      | 218° 0' 33"  | 47.7  |           |            |
| 1367 |              |       | 434822.13 | 1249770.59 |
|      | 276° 18' 58" | 74.4  |           |            |
| 1368 |              |       | 434830.31 | 1249696.69 |
|      | 281° 5' 21"  | 56.6  |           |            |
| 1369 |              |       | 434841.19 | 1249641.18 |
|      | 279° 23' 47" | 63    |           |            |
| 1370 |              |       | 434851.47 | 1249579.06 |
|      | 321° 13' 58" | 28.4  |           |            |
| 1371 |              |       | 434873.61 | 1249561.28 |
|      | 321° 15' 50" | 16.5  |           |            |
| 1372 |              |       | 434886.45 | 1249550.98 |
|      | 321° 14' 55" | 22.5  |           |            |
| 1373 |              |       | 434903.98 | 1249536.91 |
|      | 308° 55' 3"  | 6.9   |           |            |
| 1374 |              |       | 434908.34 | 1249531.51 |
|      | 308° 54' 25" | 8.3   |           |            |
| 1375 |              |       | 434913.57 | 1249525.03 |
|      | 300° 57' 49" | 0.4   |           |            |
| 1376 |              |       | 434913.78 | 1249524.68 |
|      | 332° 35' 2"  | 18.1  |           |            |
| 1377 |              |       | 434929.82 | 1249516.36 |
|      | 333° 55' 27" | 29.3  |           |            |
| 1378 |              |       | 434956.16 | 1249503.47 |
|      | 25° 20' 46"  | 0.2   |           |            |
| 1379 |              |       | 434956.35 | 1249503.56 |
|      | 25° 20' 6"   | 2.5   |           |            |
| 1380 |              |       | 434958.61 | 1249504.63 |
|      | 340° 1' 0"   | 2     |           |            |
| 1381 |              |       | 434960.48 | 1249503.95 |
|      | 336° 11' 3"  | 11.1  |           |            |
| 1382 |              |       | 434970.63 | 1249499.47 |
|      | 334° 10' 4"  | 5.9   |           |            |
| 1383 |              |       | 434975.98 | 1249496.88 |
|      | 358° 11' 55" | 9.5   |           |            |

|      |              |      |           |            |
|------|--------------|------|-----------|------------|
| 1384 |              |      | 434985.52 | 1249496.58 |
|      | 18° 26' 5"   | 2.5  |           |            |
| 1385 |              |      | 434987.92 | 1249497.38 |
|      | 18° 26' 5"   | 5    |           |            |
| 1386 |              |      | 434992.66 | 1249498.96 |
|      | 290° 36' 55" | 5.7  |           |            |
| 1387 |              |      | 434994.65 | 1249493.67 |
|      | 291° 18' 28" | 5.2  |           |            |
| 1388 |              |      | 434996.53 | 1249488.85 |
|      | 287° 9' 58"  | 11.3 |           |            |
| 1389 |              |      | 434999.86 | 1249478.07 |
|      | 289° 9' 8"   | 5.3  |           |            |
| 1390 |              |      | 435001.6  | 1249473.06 |
|      | 17° 34' 39"  | 11.6 |           |            |
| 1391 |              |      | 435012.68 | 1249476.57 |
|      | 294° 18' 16" | 0.3  |           |            |
| 1392 |              |      | 435012.82 | 1249476.26 |
|      | 22° 50' 55"  | 3.7  |           |            |
| 1393 |              |      | 435016.19 | 1249477.68 |
|      | 17° 7' 34"   | 3.6  |           |            |
| 1394 |              |      | 435019.63 | 1249478.74 |
|      | 107° 1' 22"  | 9    |           |            |
| 1395 |              |      | 435017    | 1249487.33 |
|      | 111° 26' 0"  | 6.6  |           |            |
| 1396 |              |      | 435014.57 | 1249493.52 |
|      | 19° 39' 23"  | 13.8 |           |            |
| 1397 |              |      | 435027.56 | 1249498.16 |
|      | 289° 10' 44" | 0.2  |           |            |
| 1398 |              |      | 435027.64 | 1249497.93 |
|      | 19° 18' 22"  | 5    |           |            |
| 1399 |              |      | 435032.35 | 1249499.58 |
|      | 109° 5' 36"  | 0.3  |           |            |
| 1400 |              |      | 435032.26 | 1249499.84 |
|      | 19° 39' 13"  | 0.7  |           |            |
| 1401 |              |      | 435032.96 | 1249500.09 |
|      | 288° 59' 4"  | 13.2 |           |            |
| 1402 |              |      | 435037.25 | 1249487.62 |
|      | 18° 38' 8"   | 20.7 |           |            |
| 1403 |              |      | 435056.91 | 1249494.25 |
|      | 108° 21' 14" | 13.4 |           |            |
| 1404 |              |      | 435052.68 | 1249507    |
|      | 19° 10' 14"  | 14.3 |           |            |
| 1405 |              |      | 435066.17 | 1249511.69 |
|      | 107° 55' 40" | 6.1  |           |            |
| 1406 |              |      | 435064.3  | 1249517.47 |
|      | 18° 45' 52"  | 10.4 |           |            |
| 1407 |              |      | 435074.19 | 1249520.83 |
|      | 106° 40' 35" | 16.9 |           |            |
| 1408 |              |      | 435069.34 | 1249537.02 |
|      | 19° 16' 54"  | 39.4 |           |            |
| 1409 |              |      | 435106.5  | 1249550.02 |
|      | 10° 55' 35"  | 2.6  |           |            |
| 1410 |              |      | 435109.09 | 1249550.52 |
|      | 16° 8' 45"   | 27.9 |           |            |
| 1411 |              |      | 435135.86 | 1249558.27 |
|      | 284° 7' 59"  | 1.4  |           |            |
| 1412 |              |      | 435136.21 | 1249556.88 |
|      | 14° 17' 13"  | 5    |           |            |
| 1413 |              |      | 435141.04 | 1249558.11 |
|      | 291° 38' 39" | 0.7  |           |            |

|      |              |      |           |            |
|------|--------------|------|-----------|------------|
| 1414 |              |      | 435141.29 | 1249557.48 |
|      | 24° 37' 2"   | 3.6  |           |            |
| 1415 |              |      | 435144.52 | 1249558.96 |
|      | 291° 45' 9"  | 2.2  |           |            |
| 1416 |              |      | 435145.33 | 1249556.93 |
|      | 16° 49' 17"  | 9.4  |           |            |
| 1417 |              |      | 435154.36 | 1249559.66 |
|      | 101° 12' 21" | 1.1  |           |            |
| 1418 |              |      | 435154.15 | 1249560.72 |
|      | 18° 30' 6"   | 5.4  |           |            |
| 1419 |              |      | 435159.29 | 1249562.44 |
|      | 283° 48' 2"  | 7.7  |           |            |
| 1420 |              |      | 435161.12 | 1249554.99 |
|      | 19° 29' 29"  | 15.4 |           |            |
| 1421 |              |      | 435175.67 | 1249560.14 |
|      | 15° 51' 22"  | 14.1 |           |            |
| 1422 |              |      | 435189.26 | 1249564    |
|      | 10° 41' 14"  | 4.2  |           |            |
| 1423 |              |      | 435193.34 | 1249564.77 |
|      | 288° 43' 50" | 1.8  |           |            |
| 1424 |              |      | 435193.93 | 1249563.03 |
|      | 5° 16' 32"   | 10.2 |           |            |
| 1425 |              |      | 435204.11 | 1249563.97 |
|      | 359° 6' 41"  | 12.3 |           |            |
| 1426 |              |      | 435216.36 | 1249563.78 |
|      | 90° 16' 18"  | 10.5 |           |            |
| 1427 |              |      | 435216.31 | 1249574.32 |
|      | 73° 6' 29"   | 2    |           |            |
| 1428 |              |      | 435216.89 | 1249576.23 |
|      | 21° 5' 48"   | 3.5  |           |            |
| 1429 |              |      | 435220.13 | 1249577.48 |
|      | 299° 29' 4"  | 2.5  |           |            |
| 1430 |              |      | 435221.34 | 1249575.34 |
|      | 18° 18' 27"  | 4.3  |           |            |
| 1431 |              |      | 435225.39 | 1249576.68 |
|      | 295° 40' 36" | 0.6  |           |            |
| 1432 |              |      | 435225.64 | 1249576.16 |
|      | 16° 18' 3"   | 24.1 |           |            |
| 1433 |              |      | 435248.79 | 1249582.93 |
|      | 286° 26' 25" | 1.3  |           |            |
| 1434 |              |      | 435249.15 | 1249581.71 |
|      | 14° 13' 1"   | 6.1  |           |            |
| 1435 |              |      | 435255.11 | 1249583.22 |
|      | 111° 5' 32"  | 1.5  |           |            |
| 1436 |              |      | 435254.57 | 1249584.62 |
|      | 16° 17' 29"  | 17.5 |           |            |
| 1437 |              |      | 435271.37 | 1249589.53 |
|      | 20° 11' 39"  | 0.9  |           |            |
| 1438 |              |      | 435272.24 | 1249589.85 |
|      | 288° 34' 58" | 20.8 |           |            |
| 1439 |              |      | 435278.87 | 1249570.13 |
|      | 289° 21' 51" | 24.8 |           |            |
| 1440 |              |      | 435287.08 | 1249546.77 |
|      | 288° 50' 41" | 25.2 |           |            |
| 1441 |              |      | 435295.22 | 1249522.92 |
|      | 288° 17' 8"  | 20.6 |           |            |
| 1442 |              |      | 435301.69 | 1249503.34 |
|      | 264° 8' 58"  | 5.3  |           |            |
| 1443 |              |      | 435301.15 | 1249498.07 |
|      | 196° 45' 6"  | 40.7 |           |            |

|      |              |      |           |            |
|------|--------------|------|-----------|------------|
| 1444 |              |      | 435262.18 | 1249486.34 |
|      | 197° 17' 19" | 11.5 |           |            |
| 1445 |              |      | 435251.16 | 1249482.91 |
|      | 150° 51' 56" | 0.7  |           |            |
| 1446 |              |      | 435250.55 | 1249483.25 |
|      | 110° 31' 20" | 23.9 |           |            |
| 1447 |              |      | 435242.18 | 1249505.61 |
|      | 196° 29' 54" | 27   |           |            |
| 1448 |              |      | 435216.25 | 1249497.93 |
|      | 211° 53' 26" | 2.1  |           |            |
| 1449 |              |      | 435214.45 | 1249496.81 |
|      | 287° 46' 53" | 61   |           |            |
| 1450 |              |      | 435233.08 | 1249438.72 |
|      | 284° 23' 9"  | 3.2  |           |            |
| 1451 |              |      | 435233.87 | 1249435.64 |
|      | 17° 54' 55"  | 3.8  |           |            |
| 1452 |              |      | 435237.52 | 1249436.82 |
|      | 284° 43' 22" | 4.2  |           |            |
| 1453 |              |      | 435238.6  | 1249432.71 |
|      | 15° 29' 57"  | 1.2  |           |            |
| 1454 |              |      | 435239.79 | 1249433.04 |
|      | 288° 0' 29"  | 17.4 |           |            |
| 1455 |              |      | 435245.17 | 1249416.49 |
|      | 193° 18' 16" | 5.1  |           |            |
| 1456 |              |      | 435240.18 | 1249415.31 |
|      | 194° 34' 42" | 7.9  |           |            |
| 1457 |              |      | 435232.49 | 1249413.31 |
|      | 286° 19' 36" | 2.1  |           |            |
| 1458 |              |      | 435233.07 | 1249411.33 |
|      | 287° 1' 36"  | 17.8 |           |            |
| 1459 |              |      | 435238.27 | 1249394.35 |
|      | 206° 6' 23"  | 9.5  |           |            |
| 1460 |              |      | 435229.74 | 1249390.17 |
|      | 208° 26' 47" | 11.4 |           |            |
| 1461 |              |      | 435219.68 | 1249384.72 |
|      | 218° 11' 29" | 8.4  |           |            |
| 1462 |              |      | 435213.07 | 1249379.52 |
|      | 234° 25' 43" | 4    |           |            |
| 1463 |              |      | 435210.76 | 1249376.29 |
|      | 206° 35' 5"  | 12.9 |           |            |
| 1464 |              |      | 435199.25 | 1249370.53 |
|      | 116° 27' 19" | 4.7  |           |            |
| 1465 |              |      | 435197.17 | 1249374.71 |
|      | 26° 33' 54"  | 0.1  |           |            |
| 1466 |              |      | 435197.27 | 1249374.76 |
|      | 116° 33' 54" | 0.4  |           |            |
| 1467 |              |      | 435197.09 | 1249375.12 |
|      | 26° 33' 54"  | 0.6  |           |            |
| 1468 |              |      | 435197.63 | 1249375.39 |
|      | 105° 27' 21" | 2.3  |           |            |
| 1469 |              |      | 435197.03 | 1249377.56 |
|      | 105° 17' 6"  | 6.7  |           |            |
| 1470 |              |      | 435195.27 | 1249384    |
|      | 195° 34' 45" | 9.5  |           |            |
| 1471 |              |      | 435186.16 | 1249381.46 |
|      | 278° 13' 36" | 0.8  |           |            |
| 1472 |              |      | 435186.28 | 1249380.63 |
|      | 281° 2' 27"  | 0.4  |           |            |
| 1473 |              |      | 435186.36 | 1249380.22 |
|      | 202° 7' 41"  | 15   |           |            |



|      |              |      |           |            |
|------|--------------|------|-----------|------------|
| 1474 |              |      | 435172.49 | 1249374.58 |
|      | 289° 31' 2"  | 9.9  |           |            |
| 1475 |              |      | 435175.79 | 1249365.27 |
|      | 198° 25' 8"  | 22.8 |           |            |
| 1476 |              |      | 435154.2  | 1249358.08 |
|      | 283° 33' 20" | 2.6  |           |            |
| 1477 |              |      | 435154.81 | 1249355.55 |
|      | 198° 11' 43" | 49.2 |           |            |
| 1478 |              |      | 435108.08 | 1249340.19 |
|      | 201° 12' 7"  | 22   |           |            |
| 1479 |              |      | 435087.56 | 1249332.23 |
|      | 298° 12' 45" | 13.2 |           |            |
| 1480 |              |      | 435093.81 | 1249320.58 |
|      | 296° 2' 4"   | 35.7 |           |            |
| 1481 |              |      | 435109.5  | 1249288.46 |
|      | 296° 12' 28" | 33.7 |           |            |
| 1482 |              |      | 435124.39 | 1249258.21 |
|      | 201° 12' 12" | 8.2  |           |            |
| 1483 |              |      | 435116.76 | 1249255.25 |
|      | 195° 26' 9"  | 1.4  |           |            |
| 1484 |              |      | 435115.42 | 1249254.88 |
|      | 203° 51' 23" | 8.2  |           |            |
| 1485 |              |      | 435107.89 | 1249251.55 |
|      | 210° 34' 12" | 48.7 |           |            |
| 1486 |              |      | 435065.99 | 1249226.8  |
|      | 205° 34' 42" | 16.9 |           |            |
| 1487 |              |      | 435050.76 | 1249219.51 |
|      | 298° 51' 54" | 16.2 |           |            |
| 1488 |              |      | 435058.56 | 1249205.36 |
|      | 298° 50' 58" | 33.7 |           |            |
| 1489 |              |      | 435074.8  | 1249175.88 |
|      | 298° 51' 33" | 20.2 |           |            |
| 1490 |              |      | 435084.56 | 1249158.17 |
|      | 299° 59' 8"  | 29.2 |           |            |
| 1491 |              |      | 435099.17 | 1249132.85 |
|      | 307° 32' 36" | 22.3 |           |            |
| 1492 |              |      | 435112.75 | 1249115.18 |
|      | 308° 17' 16" | 79.9 |           |            |
| 1493 |              |      | 435162.23 | 1249052.5  |
|      | 290° 7' 23"  | 33.2 |           |            |
| 1494 |              |      | 435173.64 | 1249021.36 |
|      | 288° 16' 37" | 13.8 |           |            |
| 1495 |              |      | 435177.96 | 1249008.28 |
|      | 290° 1' 48"  | 55.1 |           |            |
| 1496 |              |      | 435196.83 | 1248956.52 |
|      | 255° 55' 19" | 3.3  |           |            |
| 1497 |              |      | 435196.02 | 1248953.29 |
|      | 195° 19' 52" | 33.1 |           |            |
| 1498 |              |      | 435164.14 | 1248944.55 |
|      | 284° 15' 21" | 4.4  |           |            |
| 1499 |              |      | 435165.23 | 1248940.26 |
|      | 182° 13' 4"  | 41.6 |           |            |
| 1500 |              |      | 435123.66 | 1248938.65 |
|      | 182° 13' 41" | 2.6  |           |            |
| 1501 |              |      | 435121.09 | 1248938.55 |
|      | 180° 56' 7"  | 2.5  |           |            |
| 1502 |              |      | 435118.64 | 1248938.51 |
|      | 180° 51' 50" | 37.8 |           |            |
| 1503 |              |      | 435080.85 | 1248937.94 |
|      | 180° 16' 12" | 2.1  |           |            |

|      |              |       |           |            |
|------|--------------|-------|-----------|------------|
| 1504 |              |       | 435078.73 | 1248937.93 |
|      | 179° 57' 55" | 16.5  |           |            |
| 1505 |              |       | 435062.2  | 1248937.94 |
|      | 179° 58' 36" | 74.1  |           |            |
| 1506 |              |       | 434988.14 | 1248937.97 |
|      | 270° 20' 44" | 16.6  |           |            |
| 1507 |              |       | 434988.24 | 1248921.39 |
|      | 265° 44' 46" | 6.1   |           |            |
| 1508 |              |       | 434987.79 | 1248915.34 |
|      | 263° 36' 57" | 76.4  |           |            |
| 1509 |              |       | 434979.3  | 1248839.46 |
|      | 266° 15' 12" | 22    |           |            |
| 1510 |              |       | 434977.86 | 1248817.47 |
|      | 253° 5' 18"  | 11.9  |           |            |
| 1511 |              |       | 434974.4  | 1248806.09 |
|      | 267° 18' 58" | 58.7  |           |            |
| 1512 |              |       | 434971.65 | 1248747.42 |
|      | 270° 53' 39" | 27.6  |           |            |
| 1513 |              |       | 434972.08 | 1248719.87 |
|      | 270° 8' 19"  | 123.8 |           |            |
| 1514 |              |       | 434972.38 | 1248596.08 |
|      | 272° 52' 5"  | 171.5 |           |            |
| 1515 |              |       | 434980.96 | 1248424.83 |
|      | 285° 13' 2"  | 4     |           |            |
| 1516 |              |       | 434982.01 | 1248420.97 |
|      | 285° 11' 7"  | 43.9  |           |            |
| 1517 |              |       | 434993.51 | 1248378.6  |
|      | 285° 9' 8"   | 6.8   |           |            |
| 1518 |              |       | 434995.3  | 1248371.99 |
|      | 4° 17' 57"   | 22.5  |           |            |
| 1519 |              |       | 435017.78 | 1248373.68 |
|      | 272° 14' 1"  | 11.3  |           |            |
| 1520 |              |       | 435018.22 | 1248362.4  |
|      | 272° 17' 26" | 10    |           |            |
| 1521 |              |       | 435018.62 | 1248352.4  |
|      | 193° 52' 25" | 3.4   |           |            |
| 1522 |              |       | 435015.3  | 1248351.58 |
|      | 278° 42' 30" | 4.6   |           |            |
| 1523 |              |       | 435016    | 1248347.01 |
|      | 272° 51' 44" | 0.8   |           |            |
| 1524 |              |       | 435016.04 | 1248346.21 |
|      | 273° 21' 59" | 3.4   |           |            |
| 1525 |              |       | 435016.24 | 1248342.81 |
|      | 273° 12' 30" | 20    |           |            |
| 1526 |              |       | 435017.36 | 1248322.83 |
|      | 1° 31' 39"   | 3     |           |            |
| 1527 |              |       | 435020.36 | 1248322.91 |
|      | 271° 40' 34" | 7.9   |           |            |
| 1528 |              |       | 435020.59 | 1248315.05 |
|      | 184° 15' 31" | 0.9   |           |            |
| 1529 |              |       | 435019.65 | 1248314.98 |
|      | 276° 19' 59" | 9.2   |           |            |
| 1530 |              |       | 435020.66 | 1248305.88 |
|      | 276° 27' 38" | 5.8   |           |            |
| 1531 |              |       | 435021.31 | 1248300.14 |
|      | 276° 23' 32" | 14.6  |           |            |
| 1532 |              |       | 435022.93 | 1248285.68 |
|      | 274° 7' 40"  | 20.3  |           |            |
| 1533 |              |       | 435024.39 | 1248265.45 |
|      | 274° 8' 28"  | 9.6   |           |            |

|      |              |      |           |            |
|------|--------------|------|-----------|------------|
| 1534 |              |      | 435025.08 | 1248255.92 |
|      | 273° 57' 37" | 1.3  |           |            |
| 1535 |              |      | 435025.17 | 1248254.62 |
|      | 8° 7' 48"    | 0.1  |           |            |
| 1536 |              |      | 435025.24 | 1248254.63 |
|      | 275° 10' 39" | 9.3  |           |            |
| 1537 |              |      | 435026.08 | 1248245.36 |
|      | 274° 36' 24" | 17.3 |           |            |
| 1538 |              |      | 435027.47 | 1248228.11 |
|      | 256° 11' 5"  | 1.3  |           |            |
| 1539 |              |      | 435027.17 | 1248226.89 |
|      | 280° 19' 57" | 3.7  |           |            |
| 1540 |              |      | 435027.83 | 1248223.27 |
|      | 273° 50' 55" | 5.5  |           |            |
| 1541 |              |      | 435028.2  | 1248217.77 |
|      | 273° 45' 46" | 12.6 |           |            |
| 1542 |              |      | 435029.03 | 1248205.15 |
|      | 289° 48' 41" | 1.7  |           |            |
| 1543 |              |      | 435029.61 | 1248203.54 |
|      | 204° 15' 14" | 2    |           |            |
| 1544 |              |      | 435027.79 | 1248202.72 |
|      | 274° 15' 25" | 10.2 |           |            |
| 1545 |              |      | 435028.55 | 1248192.51 |
|      | 274° 37' 13" | 10.3 |           |            |
| 1546 |              |      | 435029.38 | 1248182.24 |
|      | 272° 42' 2"  | 1.1  |           |            |
| 1547 |              |      | 435029.43 | 1248181.18 |
|      | 274° 2' 52"  | 8.6  |           |            |
| 1548 |              |      | 435030.04 | 1248172.56 |
|      | 265° 43' 20" | 8.7  |           |            |
| 1549 |              |      | 435029.39 | 1248163.87 |
|      | 272° 6' 47"  | 13.3 |           |            |
| 1550 |              |      | 435029.88 | 1248150.59 |
|      | 269° 1' 14"  | 1.2  |           |            |
| 1551 |              |      | 435029.86 | 1248149.42 |
|      | 269° 0' 5"   | 4.6  |           |            |
| 1552 |              |      | 435029.78 | 1248144.83 |
|      | 276° 27' 39" | 10.5 |           |            |
| 1553 |              |      | 435030.96 | 1248134.41 |
|      | 266° 22' 54" | 29.8 |           |            |
| 1554 |              |      | 435029.08 | 1248104.68 |
|      | 269° 8' 41"  | 0.7  |           |            |
| 1555 |              |      | 435029.07 | 1248104.01 |
|      | 265° 23' 9"  | 13.7 |           |            |
| 1556 |              |      | 435027.97 | 1248090.38 |
|      | 90° 0' 0"    | 2.9  |           |            |
| 1557 |              |      | 435025.11 | 1248090.38 |
|      | 270° 15' 16" | 4.5  |           |            |
| 1558 |              |      | 435025.13 | 1248085.88 |
|      | 0° 13' 55"   | 2.5  |           |            |
| 1559 |              |      | 435027.6  | 1248085.89 |
|      | 265° 22' 52" | 4.6  |           |            |
| 1560 |              |      | 435027.23 | 1248081.31 |
|      | 181° 5' 28"  | 1.1  |           |            |
| 1561 |              |      | 435026.18 | 1248081.29 |
|      | 270° 20' 38" | 3.3  |           |            |
| 1562 |              |      | 435026.2  | 1248077.96 |
|      | 1° 30' 26"   | 0.4  |           |            |
| 1563 |              |      | 435026.58 | 1248077.97 |
|      | 90° 0' 0"    | 0.1  |           |            |

|      |              |      |           |            |
|------|--------------|------|-----------|------------|
| 1564 |              |      | 435026.58 | 1248077.89 |
|      | 270° 58' 15" | 1.2  |           |            |
| 1565 |              |      | 435026.6  | 1248076.71 |
|      | 268° 3' 30"  | 1.2  |           |            |
| 1566 |              |      | 435026.56 | 1248075.53 |
|      | 358° 5' 27"  | 0.3  |           |            |
| 1567 |              |      | 435026.86 | 1248075.52 |
|      | 90° 0' 0"    | 0.4  |           |            |
| 1568 |              |      | 435026.86 | 1248075.07 |
|      | 359° 19' 4"  | 2.5  |           |            |
| 1569 |              |      | 435029.38 | 1248075.04 |
|      | 262° 15' 21" | 6.1  |           |            |
| 1570 |              |      | 435028.56 | 1248069.01 |
|      | 262° 2' 51"  | 13.2 |           |            |
| 1571 |              |      | 435026.73 | 1248055.91 |
|      | 182° 19' 17" | 0.7  |           |            |
| 1572 |              |      | 435025.99 | 1248055.88 |
|      | 262° 8' 48"  | 10.2 |           |            |
| 1573 |              |      | 435024.59 | 1248045.73 |
|      | 174° 48' 20" | 0.7  |           |            |
| 1574 |              |      | 435023.93 | 1248045.79 |
|      | 173° 31' 48" | 1    |           |            |
| 1575 |              |      | 435022.96 | 1248045.9  |
|      | 265° 23' 38" | 19.9 |           |            |
| 1576 |              |      | 435021.36 | 1248026.04 |
|      | 175° 53' 9"  | 10   |           |            |
| 1577 |              |      | 435011.35 | 1248026.76 |
|      | 176° 31' 22" | 17.6 |           |            |
| 1578 |              |      | 434993.74 | 1248027.83 |
|      | 269° 58' 12" | 19.2 |           |            |
| 1579 |              |      | 434993.73 | 1248008.6  |
|      | 90° 0' 0"    | 27   |           |            |
| 1580 |              |      | 434993.73 | 1247981.56 |
|      | 354° 8' 38"  | 2.7  |           |            |
| 1581 |              |      | 434996.46 | 1247981.28 |
|      | 354° 9' 19"  | 30.6 |           |            |
| 1582 |              |      | 435026.94 | 1247978.16 |
|      | 264° 4' 41"  | 13.8 |           |            |
| 1583 |              |      | 435025.52 | 1247964.47 |
|      | 174° 50' 38" | 29.6 |           |            |
| 1584 |              |      | 434996.04 | 1247967.13 |
|      | 168° 41' 24" | 0.1  |           |            |
| 1585 |              |      | 434995.99 | 1247967.14 |
|      | 268° 8' 37"  | 4.3  |           |            |
| 1586 |              |      | 434995.85 | 1247962.82 |
|      | 178° 57' 30" | 1.7  |           |            |
| 1587 |              |      | 434994.2  | 1247962.85 |
|      | 266° 7' 56"  | 3.6  |           |            |
| 1588 |              |      | 434993.96 | 1247959.3  |
|      | 268° 41' 16" | 34.9 |           |            |
| 1589 |              |      | 434993.16 | 1247924.37 |
|      | 272° 3' 35"  | 11.4 |           |            |
| 1590 |              |      | 434993.57 | 1247912.97 |
|      | 266° 59' 48" | 19.1 |           |            |
| 1591 |              |      | 434992.57 | 1247893.91 |
|      | 268° 26' 48" | 12.5 |           |            |
| 1592 |              |      | 434992.23 | 1247881.37 |
|      | 270° 42' 8"  | 33.4 |           |            |
| 1593 |              |      | 434992.64 | 1247847.93 |
|      | 270° 30' 57" | 24.4 |           |            |

|      |              |       |           |            |
|------|--------------|-------|-----------|------------|
| 1594 |              |       | 434992.86 | 1247823.5  |
|      | 267° 12' 38" | 8.2   |           |            |
| 1595 |              |       | 434992.46 | 1247815.29 |
|      | 7° 23' 30"   | 1.9   |           |            |
| 1596 |              |       | 434994.31 | 1247815.53 |
|      | 268° 48' 1"  | 13.9  |           |            |
| 1597 |              |       | 434994.02 | 1247801.68 |
|      | 279° 12' 3"  | 7.6   |           |            |
| 1598 |              |       | 434995.23 | 1247794.21 |
|      | 196° 53' 24" | 26.7  |           |            |
| 1599 |              |       | 434969.64 | 1247786.44 |
|      | 275° 26' 6"  | 15.5  |           |            |
| 1600 |              |       | 434971.11 | 1247770.99 |
|      | 182° 53' 51" | 8.1   |           |            |
| 1601 |              |       | 434963.01 | 1247770.58 |
|      | 269° 16' 44" | 17.5  |           |            |
| 1602 |              |       | 434962.79 | 1247753.1  |
|      | 269° 14' 58" | 51.2  |           |            |
| 1603 |              |       | 434962.12 | 1247701.94 |
|      | 269° 17' 31" | 14.6  |           |            |
| 1604 |              |       | 434961.94 | 1247687.37 |
|      | 179° 30' 38" | 10.5  |           |            |
| 1605 |              |       | 434951.4  | 1247687.46 |
|      | 244° 42' 2"  | 26.1  |           |            |
| 1606 |              |       | 434940.24 | 1247663.85 |
|      | 243° 9' 27"  | 22.2  |           |            |
| 1607 |              |       | 434930.23 | 1247644.07 |
|      | 331° 54' 15" | 20.3  |           |            |
| 1608 |              |       | 434948.1  | 1247634.53 |
|      | 330° 14' 9"  | 48.2  |           |            |
| 1609 |              |       | 434989.98 | 1247610.58 |
|      | 331° 38' 27" | 45.9  |           |            |
| 1610 |              |       | 435030.33 | 1247588.8  |
|      | 327° 4' 24"  | 14.6  |           |            |
| 1611 |              |       | 435042.56 | 1247580.88 |
|      | 329° 18' 54" | 17.6  |           |            |
| 1612 |              |       | 435057.71 | 1247571.89 |
|      | 330° 56' 16" | 81.7  |           |            |
| 1613 |              |       | 435129.13 | 1247532.2  |
|      | 329° 53' 24" | 12.7  |           |            |
| 1614 |              |       | 435140.08 | 1247525.85 |
|      | 332° 24' 3"  | 34.9  |           |            |
| 1615 |              |       | 435171.05 | 1247509.66 |
|      | 332° 47' 27" | 26.3  |           |            |
| 1616 |              |       | 435194.41 | 1247497.65 |
|      | 336° 46' 23" | 24    |           |            |
| 1617 |              |       | 435216.5  | 1247488.17 |
|      | 338° 9' 22"  | 30.2  |           |            |
| 1618 |              |       | 435244.49 | 1247476.95 |
|      | 342° 14' 41" | 45.6  |           |            |
| 1619 |              |       | 435287.9  | 1247463.05 |
|      | 342° 45' 51" | 46.5  |           |            |
| 1620 |              |       | 435332.35 | 1247449.26 |
|      | 341° 43' 28" | 12.5  |           |            |
| 1621 |              |       | 435344.22 | 1247445.34 |
|      | 342° 37' 18" | 139   |           |            |
| 1622 |              |       | 435476.92 | 1247403.81 |
|      | 342° 54' 43" | 45.6  |           |            |
| 1623 |              |       | 435520.51 | 1247390.41 |
|      | 343° 19' 50" | 148.2 |           |            |

|      |              |       |           |            |
|------|--------------|-------|-----------|------------|
| 1624 |              |       | 435662.48 | 1247347.9  |
|      | 345° 0' 10"  | 39.3  |           |            |
| 1625 |              |       | 435700.48 | 1247337.72 |
|      | 344° 10' 8"  | 42.7  |           |            |
| 1626 |              |       | 435741.53 | 1247326.08 |
|      | 354° 53' 50" | 85.9  |           |            |
| 1627 |              |       | 435827.09 | 1247318.44 |
|      | 112° 22' 27" | 16.3  |           |            |
| 1628 |              |       | 435820.87 | 1247333.55 |
|      | 112° 20' 50" | 9.5   |           |            |
| 1629 |              |       | 435817.24 | 1247342.38 |
|      | 112° 23' 22" | 19.7  |           |            |
| 1630 |              |       | 435809.73 | 1247360.61 |
|      | 81° 55' 3"   | 79.9  |           |            |
| 1631 |              |       | 435820.97 | 1247439.76 |
|      | 86° 51' 48"  | 163.9 |           |            |
| 1632 |              |       | 435829.94 | 1247603.46 |
|      | 72° 23' 47"  | 158.9 |           |            |
| 1633 |              |       | 435877.99 | 1247754.9  |
|      | 78° 5' 8"    | 19.5  |           |            |
| 1634 |              |       | 435882.02 | 1247774    |
|      | 23° 36' 5"   | 3.5   |           |            |
| 1635 |              |       | 435885.27 | 1247775.42 |
|      | 54° 37' 11"  | 2.5   |           |            |
| 1636 |              |       | 435886.74 | 1247777.49 |
|      | 51° 14' 27"  | 14.4  |           |            |
| 1637 |              |       | 435895.78 | 1247788.75 |
|      | 51° 16' 54"  | 23    |           |            |
| 1638 |              |       | 435910.17 | 1247806.7  |
|      | 13° 29' 21"  | 20.8  |           |            |
| 1639 |              |       | 435930.43 | 1247811.56 |
|      | 101° 41' 4"  | 24    |           |            |
| 1640 |              |       | 435925.57 | 1247835.06 |
|      | 88° 12' 38"  | 51.9  |           |            |
| 1641 |              |       | 435927.19 | 1247886.92 |
|      | 83° 7' 48"   | 27.8  |           |            |
| 1642 |              |       | 435930.52 | 1247914.56 |
|      | 358° 42' 38" | 25.8  |           |            |
| 1643 |              |       | 435956.29 | 1247913.98 |
|      | 89° 17' 7"   | 28.1  |           |            |
| 1644 |              |       | 435956.64 | 1247942.04 |
|      | 359° 18' 53" | 61.9  |           |            |
| 1645 |              |       | 436018.52 | 1247941.3  |
|      | 93° 5' 53"   | 36.6  |           |            |
| 1646 |              |       | 436016.54 | 1247977.88 |
|      | 358° 7' 3"   | 62.4  |           |            |
| 1647 |              |       | 436078.92 | 1247975.83 |
|      | 358° 7' 59"  | 72.4  |           |            |
| 1648 |              |       | 436151.33 | 1247973.47 |
|      | 87° 38' 45"  | 33.6  |           |            |
| 1649 |              |       | 436152.71 | 1248007.04 |
|      | 52° 46' 10"  | 8.3   |           |            |
| 1650 |              |       | 436157.71 | 1248013.62 |
|      | 2° 28' 42"   | 595.3 |           |            |
| 1651 |              |       | 436752.41 | 1248039.36 |
|      | 42° 59' 54"  | 34.6  |           |            |
| 1652 |              |       | 436777.73 | 1248062.97 |
|      | 359° 42' 45" | 165.5 |           |            |
| 1653 |              |       | 436943.2  | 1248062.14 |
|      | 267° 20' 24" | 12.3  |           |            |

|      |              |         |           |            |
|------|--------------|---------|-----------|------------|
| 1654 |              |         | 436942.63 | 1248049.87 |
|      | 254° 16' 38" | 1 024.9 |           |            |
| 1655 |              |         | 436664.9  | 1247063.31 |
|      | 342° 38' 26" | 404.4   |           |            |
| 1656 |              |         | 437050.89 | 1246942.65 |
|      | 359° 2' 29"  | 43.6    |           |            |
| 1657 |              |         | 437094.52 | 1246941.92 |
|      | 342° 47' 25" | 1.2     |           |            |
| 1658 |              |         | 437095.65 | 1246941.57 |
|      | 342° 43' 28" | 30      |           |            |
| 1659 |              |         | 437124.3  | 1246932.66 |
|      | 342° 43' 37" | 63.1    |           |            |
| 1660 |              |         | 437184.6  | 1246913.91 |
|      | 343° 23' 59" | 107     |           |            |
| 1661 |              |         | 437287.11 | 1246883.35 |
|      | 343° 8' 14"  | 72.3    |           |            |
| 1662 |              |         | 437356.26 | 1246862.39 |
|      | 343° 13' 32" | 73      |           |            |
| 1663 |              |         | 437426.16 | 1246841.32 |
|      | 343° 32' 27" | 76.8    |           |            |
| 1664 |              |         | 437499.78 | 1246819.57 |
|      | 343° 25' 9"  | 80.6    |           |            |
| 1665 |              |         | 437577.06 | 1246796.56 |
|      | 343° 46' 17" | 81.7    |           |            |
| 1666 |              |         | 437655.53 | 1246773.72 |
|      | 343° 46' 38" | 73.8    |           |            |
| 1667 |              |         | 437726.4  | 1246753.1  |
|      | 343° 47' 24" | 87.5    |           |            |
| 1668 |              |         | 437810.4  | 1246728.68 |
|      | 343° 47' 50" | 88.1    |           |            |
| 1669 |              |         | 437894.99 | 1246704.1  |
|      | 343° 27' 6"  | 79.2    |           |            |
| 1670 |              |         | 437970.95 | 1246681.53 |
|      | 343° 27' 0"  | 62.9    |           |            |
| 1671 |              |         | 438031.22 | 1246663.62 |
|      | 344° 7' 19"  | 91.1    |           |            |
| 1672 |              |         | 438118.83 | 1246638.7  |
|      | 345° 14' 19" | 47.5    |           |            |
| 1673 |              |         | 438164.79 | 1246626.59 |
|      | 4° 45' 55"   | 27.1    |           |            |
| 1674 |              |         | 438191.78 | 1246628.84 |
|      | 28° 50' 17"  | 16.5    |           |            |
| 1675 |              |         | 438206.2  | 1246636.78 |
|      | 0° 43' 27"   | 24.5    |           |            |
| 1676 |              |         | 438230.72 | 1246637.09 |
|      | 274° 2' 55"  | 16.6    |           |            |
| 1677 |              |         | 438231.89 | 1246620.56 |
|      | 313° 29' 15" | 17.7    |           |            |
| 1678 |              |         | 438244.06 | 1246607.73 |
|      | 344° 47' 28" | 33.7    |           |            |
| 1679 |              |         | 438276.54 | 1246598.9  |
|      | 244° 0' 54"  | 34.4    |           |            |
| 1680 |              |         | 438261.45 | 1246567.94 |
|      | 244° 0' 38"  | 721.3   |           |            |
| 1681 |              |         | 437945.39 | 1245919.61 |
|      | 337° 20' 41" | 1 019.0 |           |            |
| 1682 |              |         | 438885.81 | 1245527.09 |
|      | 335° 42' 3"  | 191.6   |           |            |
| 1683 |              |         | 439060.43 | 1245448.25 |
|      | 299° 27' 54" | 14      |           |            |

|      |              |         |           |            |
|------|--------------|---------|-----------|------------|
| 1684 |              |         | 439067.3  | 1245436.09 |
|      | 247° 55' 11" | 82.5    |           |            |
| 1685 |              |         | 439036.3  | 1245359.67 |
|      | 247° 55' 21" | 27.4    |           |            |
| 1686 |              |         | 439026.01 | 1245334.3  |
|      | 355° 15' 42" | 15      |           |            |
| 1687 |              |         | 439040.97 | 1245333.06 |
|      | 355° 15' 59" | 120.3   |           |            |
| 1688 |              |         | 439160.89 | 1245323.13 |
|      | 355° 15' 17" | 23.1    |           |            |
| 1689 |              |         | 439183.9  | 1245321.22 |
|      | 299° 44' 47" | 179.9   |           |            |
| 1690 |              |         | 439273.18 | 1245164.99 |
|      | 269° 9' 23"  | 1 269.1 |           |            |
| 1691 |              |         | 439254.5  | 1243896.04 |
|      | 269° 9' 21"  | 16.3    |           |            |
| 1692 |              |         | 439254.26 | 1243879.75 |
|      | 269° 9' 24"  | 300.3   |           |            |
| 1693 |              |         | 439249.84 | 1243579.47 |
|      | 269° 9' 32"  | 74.3    |           |            |
| 1694 |              |         | 439248.75 | 1243505.21 |
|      | 269° 9' 17"  | 19.7    |           |            |
| 1695 |              |         | 439248.46 | 1243485.55 |
|      | 269° 9' 26"  | 365.8   |           |            |
| 1696 |              |         | 439243.08 | 1243119.75 |
|      | 227° 59' 20" | 347.3   |           |            |
| 1697 |              |         | 439010.66 | 1242861.72 |
|      | 227° 58' 55" | 8.3     |           |            |
| 1698 |              |         | 439005.11 | 1242855.56 |
|      | 226° 38' 11" | 0.2     |           |            |
| 1699 |              |         | 439004.94 | 1242855.38 |
|      | 357° 6' 26"  | 94.9    |           |            |
| 1700 |              |         | 439099.74 | 1242850.59 |
|      | 264° 8' 45"  | 14.3    |           |            |
| 1701 |              |         | 439098.28 | 1242836.35 |
|      | 264° 32' 32" | 50.3    |           |            |
| 1702 |              |         | 439093.5  | 1242786.32 |
|      | 264° 38' 42" | 354.2   |           |            |
| 1703 |              |         | 439060.44 | 1242433.62 |
|      | 263° 33' 36" | 601.6   |           |            |
| 1704 |              |         | 438992.96 | 1241835.77 |
|      | 263° 33' 18" | 104     |           |            |
| 1705 |              |         | 438981.29 | 1241732.46 |
|      | 196° 55' 1"  | 2.3     |           |            |
| 1706 |              |         | 438979.12 | 1241731.8  |
|      | 196° 55' 39" | 11.8    |           |            |
| 1707 |              |         | 438967.85 | 1241728.37 |
|      | 196° 58' 48" | 8.6     |           |            |
| 1708 |              |         | 438959.63 | 1241725.86 |
|      | 143° 30' 7"  | 509.5   |           |            |
| 1709 |              |         | 438550.05 | 1242028.91 |
|      | 142° 8' 42"  | 710.9   |           |            |
| 1710 |              |         | 437988.71 | 1242465.19 |
|      | 142° 13' 21" | 708.5   |           |            |
| 1711 |              |         | 437428.68 | 1242899.24 |
|      | 142° 33' 38" | 363     |           |            |
| 1712 |              |         | 437140.48 | 1243119.9  |
|      | 142° 4' 44"  | 452.8   |           |            |
| 1713 |              |         | 436783.27 | 1243398.19 |
|      | 238° 47' 20" | 41.4    |           |            |



|      |              |       |           |            |
|------|--------------|-------|-----------|------------|
| 1714 |              |       | 436761.84 | 1243362.82 |
|      | 245° 55' 48" | 232.6 |           |            |
| 1715 |              |       | 436666.99 | 1243150.48 |
|      | 245° 19' 7"  | 233.7 |           |            |
| 1716 |              |       | 436569.4  | 1242938.12 |
|      | 245° 19' 13" | 371.1 |           |            |
| 1717 |              |       | 436414.45 | 1242600.92 |
|      | 245° 16' 12" | 281.1 |           |            |
| 1718 |              |       | 436296.85 | 1242345.59 |
|      | 245° 21' 24" | 326.9 |           |            |
| 1719 |              |       | 436160.56 | 1242048.5  |
|      | 245° 8' 34"  | 220.3 |           |            |
| 1720 |              |       | 436067.97 | 1241848.64 |
|      | 162° 45' 39" | 30.3  |           |            |
| 1721 |              |       | 436039.03 | 1241857.62 |
|      | 161° 9' 9"   | 52.3  |           |            |
| 1722 |              |       | 435989.55 | 1241874.51 |
|      | 162° 24' 38" | 24.9  |           |            |
| 1723 |              |       | 435965.86 | 1241882.02 |
|      | 164° 30' 5"  | 204.1 |           |            |
| 1724 |              |       | 435769.14 | 1241936.57 |
|      | 166° 42' 10" | 13.9  |           |            |
| 1725 |              |       | 435755.6  | 1241939.77 |
|      | 254° 49' 22" | 58    |           |            |
| 1726 |              |       | 435740.42 | 1241883.81 |
|      | 255° 36' 56" | 30.4  |           |            |
| 1727 |              |       | 435732.88 | 1241854.41 |
|      | 256° 37' 10" | 101.9 |           |            |
| 1728 |              |       | 435709.29 | 1241755.24 |
|      | 257° 59' 44" | 16.8  |           |            |
| 1729 |              |       | 435705.79 | 1241738.78 |
|      | 171° 13' 44" | 334   |           |            |
| 1730 |              |       | 435375.7  | 1241789.71 |
|      | 170° 49' 55" | 158.4 |           |            |
| 1731 |              |       | 435219.31 | 1241814.95 |
|      | 170° 39' 8"  | 176.4 |           |            |
| 1732 |              |       | 435045.26 | 1241843.6  |
|      | 170° 44' 35" | 3.7   |           |            |
| 1733 |              |       | 435041.64 | 1241844.19 |
|      | 172° 42' 47" | 40    |           |            |
| 1734 |              |       | 435001.99 | 1241849.26 |
|      | 170° 48' 25" | 144.8 |           |            |
| 1735 |              |       | 434859.07 | 1241872.39 |
|      | 170° 48' 20" | 26.7  |           |            |
| 1736 |              |       | 434832.69 | 1241876.66 |
|      | 172° 30' 0"  | 269.9 |           |            |
| 1737 |              |       | 434565.09 | 1241911.89 |
|      | 172° 33' 44" | 314.3 |           |            |
| 1738 |              |       | 434253.47 | 1241952.57 |
|      | 170° 38' 52" | 285.3 |           |            |
| 1739 |              |       | 433971.97 | 1241998.93 |
|      | 169° 35' 25" | 266.5 |           |            |
| 1740 |              |       | 433709.87 | 1242047.08 |
|      | 168° 16' 27" | 201.1 |           |            |
| 1741 |              |       | 433513.01 | 1242087.94 |
|      | 175° 15' 39" | 215.1 |           |            |
| 1742 |              |       | 433298.66 | 1242105.71 |
|      | 182° 47' 16" | 321.5 |           |            |
| 1743 |              |       | 432977.5  | 1242090.07 |
|      | 183° 23' 59" | 234.2 |           |            |

|      |              |       |           |            |
|------|--------------|-------|-----------|------------|
| 1744 |              |       | 432743.7  | 1242076.18 |
|      | 179° 31' 31" | 293.4 |           |            |
| 1745 |              |       | 432450.27 | 1242078.61 |
|      | 180° 34' 12" | 177.9 |           |            |
| 1746 |              |       | 432272.39 | 1242076.84 |
|      | 180° 12' 17" | 427.7 |           |            |
| 1747 |              |       | 431844.68 | 1242075.31 |
|      | 174° 57' 12" | 343.7 |           |            |
| 1748 |              |       | 431502.36 | 1242105.54 |
|      | 172° 36' 20" | 303.1 |           |            |
| 1749 |              |       | 431201.77 | 1242144.55 |
|      | 171° 46' 1"  | 164.9 |           |            |
| 1750 |              |       | 431038.59 | 1242168.16 |
|      | 168° 44' 22" | 769.7 |           |            |
| 1751 |              |       | 430283.69 | 1242318.46 |
|      | 252° 47' 38" | 202.3 |           |            |
| 1752 |              |       | 430223.85 | 1242125.22 |
|      | 247° 40' 56" | 280.8 |           |            |
| 1753 |              |       | 430117.2  | 1241865.41 |
|      | 248° 15' 43" | 351.4 |           |            |
| 1754 |              |       | 429987.04 | 1241538.96 |
|      | 275° 27' 22" | 132.1 |           |            |
| 1755 |              |       | 429999.6  | 1241407.47 |
|      | 282° 49' 22" | 38    |           |            |
| 1756 |              |       | 430008.04 | 1241370.39 |
|      | 280° 54' 58" | 40    |           |            |
| 1757 |              |       | 430015.61 | 1241331.14 |
|      | 216° 52' 36" | 182.4 |           |            |
| 1758 |              |       | 429869.7  | 1241221.68 |
|      | 194° 19' 42" | 27.1  |           |            |
| 1759 |              |       | 429843.43 | 1241214.97 |
|      | 231° 5' 9"   | 32    |           |            |
| 1760 |              |       | 429823.32 | 1241190.06 |
|      | 254° 8' 2"   | 42.5  |           |            |
| 1761 |              |       | 429811.69 | 1241149.14 |
|      | 260° 31' 36" | 43.6  |           |            |
| 1762 |              |       | 429804.51 | 1241106.11 |
|      | 257° 34' 47" | 67.4  |           |            |
| 1763 |              |       | 429790.01 | 1241040.27 |
|      | 239° 36' 19" | 60.9  |           |            |
| 1764 |              |       | 429759.18 | 1240987.71 |
|      | 243° 42' 23" | 77.4  |           |            |
| 1765 |              |       | 429724.91 | 1240918.35 |
|      | 262° 50' 14" | 43.4  |           |            |
| 1766 |              |       | 429719.5  | 1240875.3  |
|      | 236° 54' 31" | 110.1 |           |            |
| 1767 |              |       | 429659.37 | 1240783.03 |
|      | 245° 30' 52" | 63.1  |           |            |
| 1768 |              |       | 429633.22 | 1240725.61 |
|      | 238° 9' 24"  | 94.3  |           |            |
| 1769 |              |       | 429583.46 | 1240645.49 |
|      | 201° 24' 34" | 51.3  |           |            |
| 1770 |              |       | 429535.69 | 1240626.76 |
|      | 253° 42' 3"  | 108.2 |           |            |
| 1771 |              |       | 429505.33 | 1240522.93 |
|      | 272° 23' 10" | 58.8  |           |            |
| 1772 |              |       | 429507.78 | 1240464.14 |
|      | 297° 5' 5"   | 59.2  |           |            |
| 1773 |              |       | 429534.72 | 1240411.46 |
|      | 300° 40' 8"  | 111.4 |           |            |

|      |              |       |           |            |
|------|--------------|-------|-----------|------------|
| 1774 |              |       | 429591.52 | 1240315.68 |
|      | 292° 52' 51" | 82.9  |           |            |
| 1775 |              |       | 429623.75 | 1240239.31 |
|      | 281° 59' 4"  | 108.3 |           |            |
| 1776 |              |       | 429646.23 | 1240133.41 |
|      | 259° 26' 36" | 242.2 |           |            |
| 1777 |              |       | 429601.85 | 1239895.27 |
|      | 282° 18' 4"  | 101.8 |           |            |
| 1778 |              |       | 429623.54 | 1239795.8  |
|      | 289° 5' 6"   | 49.9  |           |            |
| 1779 |              |       | 429639.85 | 1239748.66 |
|      | 280° 51' 14" | 215   |           |            |
| 1780 |              |       | 429680.33 | 1239537.54 |
|      | 291° 50' 50" | 32.4  |           |            |
| 1781 |              |       | 429692.39 | 1239507.46 |
|      | 224° 31' 22" | 65.4  |           |            |
| 1782 |              |       | 429645.77 | 1239461.61 |
|      | 146° 3' 57"  | 44.3  |           |            |
| 1783 |              |       | 429609    | 1239486.35 |
|      | 168° 8' 39"  | 120.9 |           |            |
| 1784 |              |       | 429490.72 | 1239511.18 |
|      | 162° 29' 34" | 76.6  |           |            |
| 1785 |              |       | 429417.71 | 1239534.21 |
|      | 182° 18' 20" | 54.4  |           |            |
| 1786 |              |       | 429363.32 | 1239532.02 |
|      | 145° 56' 34" | 49.8  |           |            |
| 1787 |              |       | 429322.06 | 1239559.91 |
|      | 138° 26' 1"  | 59.5  |           |            |
| 1788 |              |       | 429277.54 | 1239599.39 |
|      | 129° 33' 3"  | 116.1 |           |            |
| 1789 |              |       | 429203.62 | 1239688.9  |
|      | 152° 57' 25" | 38.6  |           |            |
| 1790 |              |       | 429169.24 | 1239706.45 |
|      | 195° 20' 26" | 38.8  |           |            |
| 1791 |              |       | 429131.84 | 1239696.19 |
|      | 208° 46' 6"  | 68.3  |           |            |
| 1792 |              |       | 429071.99 | 1239663.33 |
|      | 186° 29' 8"  | 137.8 |           |            |
| 1793 |              |       | 428935.12 | 1239647.77 |
|      | 201° 33' 30" | 62.2  |           |            |
| 1794 |              |       | 428877.26 | 1239624.91 |
|      | 184° 56' 41" | 109.3 |           |            |
| 1795 |              |       | 428768.38 | 1239615.49 |
|      | 179° 40' 4"  | 82.8  |           |            |
| 1796 |              |       | 428685.59 | 1239615.97 |
|      | 220° 11' 1"  | 55.5  |           |            |
| 1797 |              |       | 428643.19 | 1239580.16 |
|      | 142° 31' 32" | 90.1  |           |            |
| 1798 |              |       | 428571.72 | 1239634.95 |
|      | 142° 59' 56" | 63.8  |           |            |
| 1799 |              |       | 428520.79 | 1239673.33 |
|      | 151° 25' 30" | 124.7 |           |            |
| 1800 |              |       | 428411.27 | 1239732.98 |
|      | 138° 1' 25"  | 84.7  |           |            |
| 1801 |              |       | 428348.29 | 1239789.64 |
|      | 119° 21' 59" | 59.6  |           |            |
| 1802 |              |       | 428319.08 | 1239841.55 |
|      | 169° 28' 5"  | 65.3  |           |            |
| 1803 |              |       | 428254.91 | 1239853.48 |
|      | 157° 33' 11" | 89.7  |           |            |

|      |              |       |           |            |
|------|--------------|-------|-----------|------------|
| 1804 |              |       | 428172.03 | 1239887.72 |
|      | 149° 44' 39" | 56.2  |           |            |
| 1805 |              |       | 428123.48 | 1239916.04 |
|      | 163° 21' 55" | 23.8  |           |            |
| 1806 |              |       | 428100.72 | 1239922.84 |
|      | 71° 25' 11"  | 124.9 |           |            |
| 1807 |              |       | 428140.51 | 1240041.21 |
|      | 75° 7' 50"   | 103.8 |           |            |
| 1808 |              |       | 428167.14 | 1240141.51 |
|      | 73° 23' 41"  | 26.2  |           |            |
| 1809 |              |       | 428174.64 | 1240166.66 |
|      | 71° 42' 22"  | 12.8  |           |            |
| 1810 |              |       | 428178.67 | 1240178.85 |
|      | 72° 7' 19"   | 26.7  |           |            |
| 1811 |              |       | 428186.86 | 1240204.24 |
|      | 72° 55' 23"  | 34.3  |           |            |
| 1812 |              |       | 428196.93 | 1240237.02 |
|      | 69° 17' 5"   | 12.6  |           |            |
| 1813 |              |       | 428201.4  | 1240248.84 |
|      | 73° 17' 0"   | 28.5  |           |            |
| 1814 |              |       | 428209.59 | 1240276.11 |
|      | 72° 14' 23"  | 26.8  |           |            |
| 1815 |              |       | 428217.78 | 1240301.68 |
|      | 73° 32' 6"   | 7.7   |           |            |
| 1816 |              |       | 428219.97 | 1240309.09 |
|      | 72° 30' 15"  | 30.9  |           |            |
| 1817 |              |       | 428229.25 | 1240338.53 |
|      | 73° 14' 4"   | 32.3  |           |            |
| 1818 |              |       | 428238.58 | 1240369.5  |
|      | 76° 19' 50"  | 7.6   |           |            |
| 1819 |              |       | 428240.37 | 1240376.86 |
|      | 73° 42' 17"  | 29.5  |           |            |
| 1820 |              |       | 428248.64 | 1240405.15 |
|      | 73° 34' 22"  | 28.4  |           |            |
| 1821 |              |       | 428256.68 | 1240432.42 |
|      | 72° 5' 35"   | 11.3  |           |            |
| 1822 |              |       | 428260.16 | 1240443.19 |
|      | 76° 22' 0"   | 27.6  |           |            |
| 1823 |              |       | 428266.66 | 1240469.99 |
|      | 81° 26' 51"  | 21.1  |           |            |
| 1824 |              |       | 428269.8  | 1240490.87 |
|      | 90° 39' 26"  | 6.1   |           |            |
| 1825 |              |       | 428269.73 | 1240496.97 |
|      | 115° 4' 14"  | 5.1   |           |            |
| 1826 |              |       | 428267.55 | 1240501.63 |
|      | 105° 18' 4"  | 46.9  |           |            |
| 1827 |              |       | 428255.17 | 1240546.88 |
|      | 149° 37' 4"  | 107.6 |           |            |
| 1828 |              |       | 428162.33 | 1240601.31 |
|      | 147° 59' 25" | 42.7  |           |            |
| 1829 |              |       | 428126.16 | 1240623.92 |
|      | 148° 36' 15" | 42.5  |           |            |
| 1830 |              |       | 428089.85 | 1240646.08 |
|      | 102° 30' 59" | 40.8  |           |            |
| 1831 |              |       | 428081.01 | 1240685.9  |
|      | 102° 31' 53" | 114.8 |           |            |
| 1832 |              |       | 428056.1  | 1240797.97 |
|      | 102° 13' 52" | 210.6 |           |            |
| 1833 |              |       | 428011.48 | 1241003.8  |
|      | 100° 31' 29" | 188.4 |           |            |

|      |              |       |           |            |
|------|--------------|-------|-----------|------------|
| 1834 |              |       | 427977.07 | 1241189.01 |
|      | 102° 15' 6"  | 171.7 |           |            |
| 1835 |              |       | 427940.64 | 1241356.77 |
|      | 99° 9' 36"   | 227.9 |           |            |
| 1836 |              |       | 427904.36 | 1241581.76 |
|      | 156° 2' 1"   | 202.8 |           |            |
| 1837 |              |       | 427719.06 | 1241664.13 |
|      | 160° 57' 57" | 494.8 |           |            |
| 1838 |              |       | 427251.31 | 1241825.5  |
|      | 161° 38' 25" | 252   |           |            |
| 1839 |              |       | 427012.15 | 1241904.87 |
|      | 168° 0' 17"  | 81.5  |           |            |
| 1840 |              |       | 426932.42 | 1241921.81 |
|      | 82° 11' 47"  | 106.1 |           |            |
| 1841 |              |       | 426946.83 | 1242026.96 |
|      | 166° 31' 11" | 286.2 |           |            |
| 1842 |              |       | 426668.54 | 1242093.67 |
|      | 165° 57' 32" | 230.9 |           |            |
| 1843 |              |       | 426444.54 | 1242149.69 |
|      | 75° 9' 13"   | 135.9 |           |            |
| 1844 |              |       | 426479.36 | 1242281.05 |
|      | 139° 54' 16" | 349.2 |           |            |
| 1845 |              |       | 426212.24 | 1242505.95 |
|      | 219° 40' 49" | 423.9 |           |            |
| 1846 |              |       | 425885.99 | 1242235.28 |
|      | 225° 27' 56" | 362.8 |           |            |
| 1847 |              |       | 425631.53 | 1241976.65 |
|      | 228° 1' 4"   | 40.4  |           |            |
| 1848 |              |       | 425604.49 | 1241946.6  |
|      | 225° 53' 5"  | 589.3 |           |            |
| 1849 |              |       | 425194.26 | 1241523.5  |
|      | 225° 27' 58" | 164.2 |           |            |
| 1850 |              |       | 425079.08 | 1241406.43 |
|      | 220° 18' 8"  | 10.2  |           |            |
| 1851 |              |       | 425071.31 | 1241399.84 |
|      | 224° 31' 46" | 134.3 |           |            |
| 1852 |              |       | 424975.55 | 1241305.64 |
|      | 228° 10' 38" | 115.2 |           |            |
| 1853 |              |       | 424898.73 | 1241219.79 |
|      | 228° 8' 42"  | 294.6 |           |            |
| 1854 |              |       | 424702.15 | 1241000.35 |
|      | 230° 19' 49" | 143.6 |           |            |
| 1855 |              |       | 424610.51 | 1240889.85 |
|      | 163° 58' 9"  | 72.9  |           |            |
| 1856 |              |       | 424540.45 | 1240909.98 |
|      | 188° 15' 56" | 190.7 |           |            |
| 1857 |              |       | 424351.7  | 1240882.56 |
|      | 185° 48' 50" | 110.4 |           |            |
| 1858 |              |       | 424241.9  | 1240871.38 |
|      | 155° 10' 42" | 30.3  |           |            |
| 1859 |              |       | 424214.42 | 1240884.09 |
|      | 202° 18' 30" | 34.8  |           |            |
| 1860 |              |       | 424182.2  | 1240870.87 |
|      | 179° 32' 23" | 99.6  |           |            |
| 1861 |              |       | 424082.6  | 1240871.67 |
|      | 209° 32' 13" | 52.7  |           |            |
| 1862 |              |       | 424036.75 | 1240845.69 |
|      | 209° 32' 28" | 52.7  |           |            |
| 1863 |              |       | 423990.89 | 1240819.7  |
|      | 230° 53' 46" | 42.7  |           |            |

|      |              |       |           |            |
|------|--------------|-------|-----------|------------|
| 1864 |              |       | 423963.93 | 1240786.53 |
|      | 230° 54' 24" | 51.8  |           |            |
| 1865 |              |       | 423931.26 | 1240746.32 |
|      | 240° 38' 34" | 115.9 |           |            |
| 1866 |              |       | 423874.46 | 1240645.34 |
|      | 225° 56' 45" | 37.7  |           |            |
| 1867 |              |       | 423848.25 | 1240618.25 |
|      | 199° 17' 29" | 37    |           |            |
| 1868 |              |       | 423813.31 | 1240606.02 |
|      | 185° 51' 13" | 102.8 |           |            |
| 1869 |              |       | 423711.09 | 1240595.54 |
|      | 214° 41' 47" | 27.6  |           |            |
| 1870 |              |       | 423688.37 | 1240579.81 |
|      | 226° 29' 36" | 23.6  |           |            |
| 1871 |              |       | 423672.12 | 1240562.69 |
|      | 202° 27' 30" | 59    |           |            |
| 1872 |              |       | 423617.64 | 1240540.17 |
|      | 257° 55' 22" | 79.4  |           |            |
| 1873 |              |       | 423601.03 | 1240462.54 |
|      | 179° 21' 27" | 13.4  |           |            |
| 1874 |              |       | 423587.65 | 1240462.69 |
|      | 195° 16' 50" | 54.8  |           |            |
| 1875 |              |       | 423534.76 | 1240448.24 |
|      | 179° 39' 53" | 15.4  |           |            |
| 1876 |              |       | 423519.38 | 1240448.33 |
|      | 179° 40' 39" | 96    |           |            |
| 1877 |              |       | 423423.37 | 1240448.87 |
|      | 178° 14' 44" | 54.9  |           |            |
| 1878 |              |       | 423368.52 | 1240450.55 |
|      | 177° 3' 33"  | 83.6  |           |            |
| 1879 |              |       | 423285.01 | 1240454.84 |
|      | 177° 32' 36" | 252   |           |            |
| 1880 |              |       | 423033.26 | 1240465.64 |
|      | 177° 21' 1"  | 261.7 |           |            |
| 1881 |              |       | 422771.8  | 1240477.74 |
|      | 176° 43' 33" | 118   |           |            |
| 1882 |              |       | 422653.98 | 1240484.48 |
|      | 152° 37' 16" | 9.8   |           |            |
| 1883 |              |       | 422645.31 | 1240488.97 |
|      | 171° 57' 20" | 60.5  |           |            |
| 1884 |              |       | 422585.38 | 1240497.44 |
|      | 154° 35' 28" | 41    |           |            |
| 1885 |              |       | 422548.35 | 1240515.03 |
|      | 172° 9' 12"  | 60.3  |           |            |
| 1886 |              |       | 422488.63 | 1240523.26 |
|      | 180° 2' 22"  | 43.5  |           |            |
| 1887 |              |       | 422445.18 | 1240523.23 |
|      | 190° 2' 4"   | 136.8 |           |            |
| 1888 |              |       | 422310.51 | 1240499.4  |
|      | 177° 14' 16" | 82.4  |           |            |
| 1889 |              |       | 422228.22 | 1240503.37 |
|      | 177° 36' 16" | 132.3 |           |            |
| 1890 |              |       | 422096.02 | 1240508.9  |
|      | 177° 16' 22" | 218.6 |           |            |
| 1891 |              |       | 421877.69 | 1240519.3  |
|      | 177° 33' 35" | 61.5  |           |            |
| 1892 |              |       | 421816.21 | 1240521.92 |
|      | 177° 37' 8"  | 136   |           |            |
| 1893 |              |       | 421680.33 | 1240527.57 |
|      | 177° 27' 52" | 100.8 |           |            |

|      |              |       |           |            |
|------|--------------|-------|-----------|------------|
| 1894 |              |       | 421579.61 | 1240532.03 |
|      | 177° 29' 8"  | 87.5  |           |            |
| 1895 |              |       | 421492.16 | 1240535.87 |
|      | 177° 16' 10" | 77.7  |           |            |
| 1896 |              |       | 421414.58 | 1240539.57 |
|      | 177° 17' 54" | 107.1 |           |            |
| 1897 |              |       | 421307.56 | 1240544.62 |
|      | 177° 27' 58" | 66.5  |           |            |
| 1898 |              |       | 421241.12 | 1240547.56 |
|      | 161° 58' 21" | 42.2  |           |            |
| 1899 |              |       | 421200.96 | 1240560.63 |
|      | 175° 39' 32" | 15.2  |           |            |
| 1900 |              |       | 421185.81 | 1240561.78 |
|      | 175° 38' 2"  | 21.5  |           |            |
| 1901 |              |       | 421164.33 | 1240563.42 |
|      | 148° 44' 13" | 41.7  |           |            |
| 1902 |              |       | 421128.67 | 1240585.07 |
|      | 177° 29' 2"  | 316.9 |           |            |
| 1903 |              |       | 420812.09 | 1240598.98 |
|      | 191° 56' 10" | 113.4 |           |            |
| 1904 |              |       | 420701.16 | 1240575.53 |
|      | 178° 21' 40" | 107.7 |           |            |
| 1905 |              |       | 420593.5  | 1240578.61 |
|      | 176° 56' 26" | 123.1 |           |            |
| 1906 |              |       | 420470.57 | 1240585.18 |
|      | 177° 3' 30"  | 95.7  |           |            |
| 1907 |              |       | 420375.02 | 1240590.09 |
|      | 177° 9' 21"  | 93.9  |           |            |
| 1908 |              |       | 420281.22 | 1240594.75 |
|      | 176° 56' 23" | 70.6  |           |            |
| 1909 |              |       | 420210.7  | 1240598.52 |
|      | 177° 34' 9"  | 89.1  |           |            |
| 1910 |              |       | 420121.65 | 1240602.3  |
|      | 177° 3' 50"  | 116   |           |            |
| 1911 |              |       | 420005.83 | 1240608.24 |
|      | 177° 14' 41" | 227.6 |           |            |
| 1912 |              |       | 419778.49 | 1240619.18 |
|      | 177° 5' 42"  | 119.4 |           |            |
| 1913 |              |       | 419659.26 | 1240625.23 |
|      | 177° 33' 23" | 96.6  |           |            |
| 1914 |              |       | 419562.71 | 1240629.35 |
|      | 177° 36' 17" | 2.6   |           |            |
| 1915 |              |       | 419560.08 | 1240629.46 |
|      | 177° 33' 25" | 129.5 |           |            |
| 1916 |              |       | 419430.7  | 1240634.98 |
|      | 176° 42' 8"  | 52.3  |           |            |
| 1917 |              |       | 419378.46 | 1240637.99 |
|      | 89° 39' 4"   | 396   |           |            |
| 1918 |              |       | 419380.87 | 1241033.94 |
|      | 183° 16' 57" | 249.7 |           |            |
| 1919 |              |       | 419131.55 | 1241019.64 |
|      | 87° 54' 16"  | 29.8  |           |            |
| 1920 |              |       | 419132.64 | 1241049.43 |
|      | 88° 2' 21"   | 65.8  |           |            |
| 1921 |              |       | 419134.89 | 1241115.15 |
|      | 88° 2' 15"   | 23.4  |           |            |
| 1922 |              |       | 419135.69 | 1241138.5  |
|      | 89° 34' 1"   | 50.3  |           |            |
| 1923 |              |       | 419136.07 | 1241188.79 |
|      | 89° 34' 33"  | 51.4  |           |            |

|      |              |       |           |            |
|------|--------------|-------|-----------|------------|
| 1924 |              |       | 419136.45 | 1241240.14 |
|      | 87° 48' 31"  | 43.2  |           |            |
| 1925 |              |       | 419138.1  | 1241283.26 |
|      | 87° 47' 59"  | 46.4  |           |            |
| 1926 |              |       | 419139.88 | 1241329.59 |
|      | 88° 17' 19"  | 16.4  |           |            |
| 1927 |              |       | 419140.37 | 1241345.99 |
|      | 88° 18' 19"  | 60.5  |           |            |
| 1928 |              |       | 419142.16 | 1241406.49 |
|      | 87° 12' 16"  | 78.1  |           |            |
| 1929 |              |       | 419145.97 | 1241484.52 |
|      | 90° 0' 0"    | 58.6  |           |            |
| 1930 |              |       | 419145.97 | 1241543.14 |
|      | 90° 14' 3"   | 92.9  |           |            |
| 1931 |              |       | 419145.59 | 1241636.03 |
|      | 91° 5' 36"   | 23.1  |           |            |
| 1932 |              |       | 419145.15 | 1241659.08 |
|      | 91° 5' 33"   | 96.5  |           |            |
| 1933 |              |       | 419143.31 | 1241755.55 |
|      | 91° 5' 23"   | 51    |           |            |
| 1934 |              |       | 419142.34 | 1241806.54 |
|      | 91° 5' 48"   | 51.7  |           |            |
| 1935 |              |       | 419141.35 | 1241858.25 |
|      | 92° 14' 31"  | 100.7 |           |            |
| 1936 |              |       | 419137.41 | 1241958.89 |
|      | 92° 14' 34"  | 73.1  |           |            |
| 1937 |              |       | 419134.55 | 1242031.91 |
|      | 91° 10' 49"  | 147.1 |           |            |
| 1938 |              |       | 419131.52 | 1242178.95 |
|      | 50° 55' 21"  | 21.9  |           |            |
| 1939 |              |       | 419145.3  | 1242195.92 |
|      | 185° 24' 38" | 435.2 |           |            |
| 1940 |              |       | 418712    | 1242154.88 |
|      | 185° 17' 18" | 516.4 |           |            |
| 1941 |              |       | 418197.77 | 1242107.28 |
|      | 183° 54' 14" | 132.6 |           |            |
| 1942 |              |       | 418065.45 | 1242098.25 |
|      | 93° 51' 47"  | 752.2 |           |            |
| 1943 |              |       | 418014.77 | 1242848.73 |
|      | 190° 52' 13" | 491.1 |           |            |
| 1944 |              |       | 417532.51 | 1242756.12 |
|      | 195° 7' 48"  | 210.9 |           |            |
| 1945 |              |       | 417328.95 | 1242701.08 |
|      | 198° 40' 51" | 128.2 |           |            |
| 1946 |              |       | 417207.51 | 1242660.02 |
|      | 201° 24' 49" | 197.3 |           |            |
| 1947 |              |       | 417023.79 | 1242587.97 |
|      | 103° 54' 40" | 20    |           |            |
| 1948 |              |       | 417018.98 | 1242607.39 |
|      | 119° 52' 10" | 41    |           |            |
| 1949 |              |       | 416998.54 | 1242642.98 |
|      | 100° 38' 51" | 916   |           |            |
| 1950 |              |       | 416829.3  | 1243543.17 |
|      | 102° 48' 47" | 468.4 |           |            |
| 1951 |              |       | 416725.42 | 1243999.91 |
|      | 99° 9' 22"   | 626.2 |           |            |
| 1952 |              |       | 416625.77 | 1244618.16 |
|      | 99° 19' 22"  | 668.4 |           |            |
| 1953 |              |       | 416517.49 | 1245277.73 |
|      | 101° 37' 47" | 720.3 |           |            |



|      |              |       |           |            |
|------|--------------|-------|-----------|------------|
| 1954 |              |       | 416372.28 | 1245983.27 |
|      | 85° 49' 28"  | 44.1  |           |            |
| 1955 |              |       | 416375.49 | 1246027.24 |
|      | 98° 52' 34"  | 106.9 |           |            |
| 1956 |              |       | 416359    | 1246132.83 |
|      | 100° 42' 47" | 93.6  |           |            |
| 1957 |              |       | 416341.6  | 1246224.8  |
|      | 98° 37' 30"  | 265.9 |           |            |
| 1958 |              |       | 416301.72 | 1246487.71 |
|      | 92° 38' 21"  | 155.3 |           |            |
| 1959 |              |       | 416294.57 | 1246642.82 |
|      | 98° 56' 33"  | 102.2 |           |            |
| 1960 |              |       | 416278.68 | 1246743.8  |
|      | 107° 33' 11" | 144.3 |           |            |
| 1961 |              |       | 416235.17 | 1246881.35 |
|      | 111° 37' 38" | 89.9  |           |            |
| 1962 |              |       | 416202.04 | 1246964.91 |
|      | 99° 30' 26"  | 29.4  |           |            |
| 1963 |              |       | 416197.19 | 1246993.87 |
|      | 60° 38' 2"   | 19.1  |           |            |
| 1964 |              |       | 416206.57 | 1247010.54 |
|      | 23° 0' 36"   | 22.4  |           |            |
| 1965 |              |       | 416227.15 | 1247019.28 |
|      | 11° 11' 0"   | 28.4  |           |            |
| 1966 |              |       | 416255.02 | 1247024.79 |
|      | 41° 20' 40"  | 20.7  |           |            |
| 1967 |              |       | 416270.59 | 1247038.49 |
|      | 78° 33' 25"  | 33.8  |           |            |
| 1968 |              |       | 416277.29 | 1247071.59 |
|      | 88° 24' 59"  | 43.8  |           |            |
| 1969 |              |       | 416278.5  | 1247115.36 |
|      | 138° 35' 31" | 11.2  |           |            |
| 1970 |              |       | 416270.12 | 1247122.75 |
|      | 91° 23' 48"  | 34.5  |           |            |
| 1971 |              |       | 416269.28 | 1247157.2  |
|      | 181° 43' 40" | 46.4  |           |            |
| 1972 |              |       | 416222.87 | 1247155.8  |
|      | 102° 55' 52" | 29.8  |           |            |
| 1973 |              |       | 416216.2  | 1247184.85 |
|      | 99° 50' 6"   | 45.7  |           |            |
| 1974 |              |       | 416208.39 | 1247229.9  |
|      | 99° 36' 40"  | 41.7  |           |            |
| 1975 |              |       | 416201.42 | 1247271.06 |
|      | 2° 14' 21"   | 78.8  |           |            |
| 1976 |              |       | 416280.19 | 1247274.14 |
|      | 91° 2' 8"    | 43.1  |           |            |
| 1977 |              |       | 416279.41 | 1247317.28 |
|      | 90° 57' 17"  | 15    |           |            |
| 1978 |              |       | 416279.16 | 1247332.28 |
|      | 180° 55' 10" | 86    |           |            |
| 1979 |              |       | 416193.18 | 1247330.9  |
|      | 90° 55' 34"  | 60    |           |            |
| 1980 |              |       | 416192.21 | 1247390.89 |
|      | 346° 40' 1"  | 94.2  |           |            |
| 1981 |              |       | 416283.9  | 1247369.16 |
|      | 99° 58' 26"  | 143.4 |           |            |
| 1982 |              |       | 416259.06 | 1247510.41 |
|      | 95° 42' 19"  | 87    |           |            |
| 1983 |              |       | 416250.41 | 1247596.99 |
|      | 88° 19' 36"  | 18.8  |           |            |

|      |              |       |           |            |
|------|--------------|-------|-----------|------------|
| 1984 |              |       | 416250.96 | 1247615.82 |
|      | 93° 46' 1"   | 45.4  |           |            |
| 1985 |              |       | 416247.98 | 1247661.08 |
|      | 163° 28' 57" | 153.8 |           |            |
| 1986 |              |       | 416100.48 | 1247704.82 |
|      | 163° 52' 30" | 230.2 |           |            |
| 1987 |              |       | 415879.35 | 1247768.75 |
|      | 163° 54' 0"  | 376   |           |            |
| 1988 |              |       | 415518.13 | 1247873.01 |
|      | 165° 12' 25" | 90.9  |           |            |
| 1989 |              |       | 415430.24 | 1247896.22 |
|      | 163° 56' 17" | 81    |           |            |
| 1990 |              |       | 415352.37 | 1247918.64 |
|      | 164° 5' 0"   | 98.2  |           |            |
| 1991 |              |       | 415257.9  | 1247945.58 |
|      | 164° 31' 52" | 45.4  |           |            |
| 1992 |              |       | 415214.14 | 1247957.69 |
|      | 163° 21' 47" | 77.2  |           |            |
| 1993 |              |       | 415140.18 | 1247979.79 |
|      | 160° 55' 49" | 102.5 |           |            |
| 1994 |              |       | 415043.3  | 1248013.28 |
|      | 155° 20' 36" | 81.6  |           |            |
| 1995 |              |       | 414969.1  | 1248047.34 |
|      | 152° 0' 11"  | 30.8  |           |            |
| 1996 |              |       | 414941.92 | 1248061.79 |
|      | 143° 36' 39" | 36.7  |           |            |
| 1997 |              |       | 414912.38 | 1248083.56 |
|      | 133° 10' 8"  | 37.8  |           |            |
| 1998 |              |       | 414886.49 | 1248111.16 |
|      | 134° 1' 14"  | 62.1  |           |            |
| 1999 |              |       | 414843.36 | 1248155.79 |
|      | 127° 46' 19" | 27.8  |           |            |
| 2000 |              |       | 414826.32 | 1248177.78 |
|      | 118° 30' 36" | 51.5  |           |            |
| 2001 |              |       | 414801.73 | 1248223.05 |
|      | 116° 48' 29" | 72.7  |           |            |
| 2002 |              |       | 414768.94 | 1248287.94 |
|      | 111° 21' 12" | 44.4  |           |            |
| 2003 |              |       | 414752.77 | 1248329.3  |
|      | 104° 54' 55" | 27.7  |           |            |
| 2004 |              |       | 414745.65 | 1248356.03 |
|      | 91° 19' 4"   | 27.8  |           |            |
| 2005 |              |       | 414745.01 | 1248383.85 |
|      | 87° 5' 58"   | 21.1  |           |            |
| 2006 |              |       | 414746.08 | 1248404.97 |
|      | 74° 17' 57"  | 12.9  |           |            |
| 2007 |              |       | 414749.56 | 1248417.35 |
|      | 74° 2' 16"   | 23.5  |           |            |
| 2008 |              |       | 414756.01 | 1248439.9  |
|      | 71° 3' 2"    | 23.3  |           |            |
| 2009 |              |       | 414763.56 | 1248461.89 |
|      | 63° 40' 31"  | 22.4  |           |            |
| 2010 |              |       | 414773.48 | 1248481.94 |
|      | 61° 27' 7"   | 53.3  |           |            |
| 2011 |              |       | 414798.93 | 1248528.72 |
|      | 61° 32' 57"  | 150.3 |           |            |
| 2012 |              |       | 414870.54 | 1248660.88 |
|      | 61° 27' 50"  | 87.1  |           |            |
| 2013 |              |       | 414912.16 | 1248737.42 |
|      | 61° 19' 11"  | 123.6 |           |            |

|      |              |       |           |            |
|------|--------------|-------|-----------|------------|
| 2014 |              |       | 414971.48 | 1248845.86 |
|      | 59° 5' 43"   | 106.4 |           |            |
| 2015 |              |       | 415026.12 | 1248937.14 |
|      | 60° 0' 25"   | 103.7 |           |            |
| 2016 |              |       | 415077.98 | 1249026.99 |
|      | 61° 19' 29"  | 99    |           |            |
| 2017 |              |       | 415125.48 | 1249113.84 |
|      | 62° 15' 52"  | 118.5 |           |            |
| 2018 |              |       | 415180.61 | 1249218.69 |
|      | 60° 33' 40"  | 131.6 |           |            |
| 2019 |              |       | 415245.28 | 1249333.28 |
|      | 60° 1' 45"   | 62.9  |           |            |
| 2020 |              |       | 415276.72 | 1249387.8  |
|      | 60° 35' 29"  | 47.3  |           |            |
| 2021 |              |       | 415299.96 | 1249429.03 |
|      | 60° 13' 12"  | 69.1  |           |            |
| 2022 |              |       | 415334.26 | 1249488.97 |
|      | 61° 1' 39"   | 78.4  |           |            |
| 2023 |              |       | 415372.22 | 1249557.53 |
|      | 62° 15' 33"  | 47.7  |           |            |
| 2024 |              |       | 415394.44 | 1249599.78 |
|      | 60° 13' 43"  | 86.4  |           |            |
| 2025 |              |       | 415437.36 | 1249674.81 |
|      | 61° 18' 13"  | 89    |           |            |
| 2026 |              |       | 415480.09 | 1249752.87 |
|      | 60° 40' 3"   | 209.6 |           |            |
| 2027 |              |       | 415582.78 | 1249935.62 |
|      | 152° 41' 55" | 28.2  |           |            |
| 2028 |              |       | 415557.73 | 1249948.55 |
|      | 238° 4' 21"  | 16.3  |           |            |
| 2029 |              |       | 415549.1  | 1249934.7  |
|      | 241° 16' 53" | 760.2 |           |            |
| 2030 |              |       | 415183.83 | 1249268.03 |
|      | 136° 29' 41" | 73.5  |           |            |
| 2031 |              |       | 415130.55 | 1249318.6  |
|      | 144° 57' 57" | 261.5 |           |            |
| 2032 |              |       | 414916.47 | 1249468.69 |
|      | 176° 43' 16" | 83.2  |           |            |
| 2033 |              |       | 414833.38 | 1249473.45 |
|      | 218° 46' 32" | 83.5  |           |            |
| 2034 |              |       | 414768.3  | 1249421.17 |
|      | 182° 20' 18" | 90.7  |           |            |
| 2035 |              |       | 414677.7  | 1249417.47 |
|      | 90° 0' 0"    | 28    |           |            |
| 2036 |              |       | 414677.7  | 1249389.45 |
|      | 327° 11' 43" | 49.7  |           |            |
| 2037 |              |       | 414719.48 | 1249362.52 |
|      | 309° 27' 44" | 56    |           |            |
| 2038 |              |       | 414755.06 | 1249319.3  |
|      | 328° 29' 31" | 110.9 |           |            |
| 2039 |              |       | 414849.58 | 1249261.36 |
|      | 304° 24' 4"  | 26.1  |           |            |
| 2040 |              |       | 414864.35 | 1249239.79 |
|      | 269° 40' 23" | 35.1  |           |            |
| 2041 |              |       | 414864.15 | 1249204.74 |
|      | 20° 27' 59"  | 50.9  |           |            |
| 2042 |              |       | 414911.87 | 1249222.55 |
|      | 312° 15' 34" | 35.6  |           |            |
| 2043 |              |       | 414935.84 | 1249196.17 |
|      | 292° 59' 25" | 92.5  |           |            |

|      |              |       |           |            |
|------|--------------|-------|-----------|------------|
| 2044 |              |       | 414971.98 | 1249110.99 |
|      | 269° 7' 44"  | 59.9  |           |            |
| 2045 |              |       | 414971.07 | 1249051.14 |
|      | 322° 17' 44" | 79    |           |            |
| 2046 |              |       | 415033.54 | 1249002.85 |
|      | 239° 22' 33" | 53.5  |           |            |
| 2047 |              |       | 415006.28 | 1248956.8  |
|      | 148° 27' 34" | 113.1 |           |            |
| 2048 |              |       | 414909.86 | 1249015.98 |
|      | 137° 20' 19" | 92.2  |           |            |
| 2049 |              |       | 414842.07 | 1249078.45 |
|      | 142° 51' 32" | 181.3 |           |            |
| 2050 |              |       | 414697.54 | 1249187.92 |
|      | 275° 17' 42" | 2.1   |           |            |
| 2051 |              |       | 414697.73 | 1249185.87 |
|      | 216° 45' 47" | 81.6  |           |            |
| 2052 |              |       | 414632.33 | 1249137.01 |
|      | 159° 34' 26" | 22.7  |           |            |
| 2053 |              |       | 414611.09 | 1249144.92 |
|      | 227° 4' 36"  | 145.4 |           |            |
| 2054 |              |       | 414512.1  | 1249038.48 |
|      | 228° 16' 1"  | 208.4 |           |            |
| 2055 |              |       | 414373.35 | 1248882.93 |
|      | 232° 23' 58" | 164.5 |           |            |
| 2056 |              |       | 414272.95 | 1248752.56 |
|      | 232° 5' 55"  | 101.8 |           |            |
| 2057 |              |       | 414210.42 | 1248672.24 |
|      | 236° 29' 44" | 83.9  |           |            |
| 2058 |              |       | 414164.12 | 1248602.3  |
|      | 248° 25' 53" | 68.5  |           |            |
| 2059 |              |       | 414138.94 | 1248538.6  |
|      | 233° 12' 32" | 74    |           |            |
| 2060 |              |       | 414094.6  | 1248479.31 |
|      | 140° 26' 46" | 159.6 |           |            |
| 2061 |              |       | 413971.56 | 1248580.93 |
|      | 141° 9' 31"  | 188   |           |            |
| 2062 |              |       | 413825.1  | 1248698.86 |
|      | 141° 9' 47"  | 188   |           |            |
| 2063 |              |       | 413678.63 | 1248816.78 |
|      | 141° 25' 3"  | 378.9 |           |            |
| 2064 |              |       | 413382.46 | 1249053.06 |
|      | 84° 46' 5"   | 114.8 |           |            |
| 2065 |              |       | 413392.93 | 1249167.4  |
|      | 97° 43' 43"  | 1.4   |           |            |
| 2066 |              |       | 413392.74 | 1249168.8  |
|      | 88° 44' 22"  | 89.1  |           |            |
| 2067 |              |       | 413394.7  | 1249257.88 |
|      | 78° 55' 36"  | 287.5 |           |            |
| 2068 |              |       | 413449.92 | 1249540.04 |
|      | 179° 14' 18" | 51.2  |           |            |
| 2069 |              |       | 413398.76 | 1249540.72 |
|      | 90° 17' 24"  | 25.7  |           |            |
| 2070 |              |       | 413398.63 | 1249566.38 |
|      | 358° 53' 6"  | 151.1 |           |            |
| 2071 |              |       | 413549.69 | 1249563.44 |
|      | 359° 15' 14" | 195.9 |           |            |
| 2072 |              |       | 413745.55 | 1249560.89 |
|      | 358° 20' 45" | 214.8 |           |            |
| 2073 |              |       | 413960.26 | 1249554.69 |
|      | 3° 46' 0"    | 158.6 |           |            |

|      |              |       |           |            |
|------|--------------|-------|-----------|------------|
| 2074 |              |       | 414118.53 | 1249565.11 |
|      | 359° 38' 44" | 187.6 |           |            |
| 2075 |              |       | 414306.11 | 1249563.95 |
|      | 11° 32' 59"  | 3.7   |           |            |
| 2076 |              |       | 414309.78 | 1249564.7  |
|      | 0° 29' 9"    | 64.8  |           |            |
| 2077 |              |       | 414374.62 | 1249565.25 |
|      | 337° 44' 22" | 70    |           |            |
| 2078 |              |       | 414439.41 | 1249538.73 |
|      | 104° 17' 2"  | 51    |           |            |
| 2079 |              |       | 414426.82 | 1249588.18 |
|      | 58° 12' 2"   | 74.2  |           |            |
| 2080 |              |       | 414465.93 | 1249651.26 |
|      | 146° 59' 20" | 1.9   |           |            |
| 2081 |              |       | 414464.36 | 1249652.28 |
|      | 143° 45' 23" | 27.1  |           |            |
| 2082 |              |       | 414442.52 | 1249668.29 |
|      | 90° 51' 2"   | 22.9  |           |            |
| 2083 |              |       | 414442.18 | 1249691.19 |
|      | 21° 39' 50"  | 24    |           |            |
| 2084 |              |       | 414464.51 | 1249700.06 |
|      | 97° 7' 30"   | 16.1  |           |            |
| 2085 |              |       | 414462.51 | 1249716.06 |
|      | 5° 56' 11"   | 18.2  |           |            |
| 2086 |              |       | 414480.59 | 1249717.94 |
|      | 88° 21' 52"  | 68.7  |           |            |
| 2087 |              |       | 414482.55 | 1249786.59 |
|      | 181° 50' 5"  | 27.8  |           |            |
| 2088 |              |       | 414454.77 | 1249785.7  |
|      | 176° 26' 10" | 78.7  |           |            |
| 2089 |              |       | 414376.25 | 1249790.59 |
|      | 54° 57' 22"  | 19    |           |            |
| 2090 |              |       | 414387.17 | 1249806.16 |
|      | 65° 18' 49"  | 125.2 |           |            |
| 2091 |              |       | 414439.47 | 1249919.94 |
|      | 43° 59' 52"  | 46.9  |           |            |
| 2092 |              |       | 414473.21 | 1249952.52 |
|      | 86° 12' 19"  | 7.9   |           |            |
| 2093 |              |       | 414473.73 | 1249960.36 |
|      | 50° 34' 30"  | 48.8  |           |            |
| 2094 |              |       | 414504.7  | 1249998.03 |
|      | 45° 19' 48"  | 44.2  |           |            |
| 2095 |              |       | 414535.77 | 1250029.46 |
|      | 20° 42' 34"  | 37.1  |           |            |
| 2096 |              |       | 414570.5  | 1250042.59 |
|      | 30° 48' 45"  | 61.2  |           |            |
| 2097 |              |       | 414623.03 | 1250073.92 |
|      | 54° 16' 58"  | 16.7  |           |            |
| 2098 |              |       | 414632.78 | 1250087.48 |
|      | 121° 7' 0"   | 3.2   |           |            |
| 2099 |              |       | 414631.12 | 1250090.23 |
|      | 144° 56' 45" | 6.1   |           |            |
| 2100 |              |       | 414626.16 | 1250093.71 |
|      | 58° 53' 10"  | 36.7  |           |            |
| 2101 |              |       | 414645.1  | 1250125.09 |
|      | 344° 51' 52" | 22.3  |           |            |
| 2102 |              |       | 414666.58 | 1250119.28 |
|      | 114° 27' 45" | 50.6  |           |            |
| 2103 |              |       | 414645.63 | 1250165.33 |
|      | 172° 1' 38"  | 29.8  |           |            |

|      |              |      |           |            |
|------|--------------|------|-----------|------------|
| 2104 |              |      | 414616.07 | 1250169.47 |
|      | 200° 50' 48" | 20.3 |           |            |
| 2105 |              |      | 414597.11 | 1250162.25 |
|      | 78° 31' 28"  | 39.4 |           |            |
| 2106 |              |      | 414604.94 | 1250200.82 |
|      | 99° 40' 4"   | 36.2 |           |            |
| 2107 |              |      | 414598.86 | 1250236.51 |
|      | 51° 9' 30"   | 25.1 |           |            |
| 2108 |              |      | 414614.61 | 1250256.07 |
|      | 14° 40' 4"   | 3.1  |           |            |
| 2109 |              |      | 414617.59 | 1250256.85 |
|      | 314° 15' 35" | 13.1 |           |            |
| 2110 |              |      | 414626.76 | 1250247.44 |
|      | 50° 47' 49"  | 16.8 |           |            |
| 2111 |              |      | 414637.38 | 1250260.46 |
|      | 54° 16' 33"  | 2.5  |           |            |
| 2112 |              |      | 414638.84 | 1250262.49 |
|      | 15° 0' 23"   | 3.4  |           |            |
| 2113 |              |      | 414642.16 | 1250263.38 |
|      | 105° 28' 10" | 2.8  |           |            |
| 2114 |              |      | 414641.41 | 1250266.09 |
|      | 54° 30' 56"  | 11.2 |           |            |
| 2115 |              |      | 414647.94 | 1250275.25 |
|      | 51° 12' 26"  | 33   |           |            |
| 2116 |              |      | 414668.63 | 1250300.99 |
|      | 338° 13' 13" | 14.6 |           |            |
| 2117 |              |      | 414682.17 | 1250295.58 |
|      | 60° 21' 28"  | 24.9 |           |            |
| 2118 |              |      | 414694.49 | 1250317.23 |
|      | 354° 22' 46" | 24   |           |            |
| 2119 |              |      | 414718.37 | 1250314.88 |
|      | 3° 16' 12"   | 33.8 |           |            |
| 2120 |              |      | 414752.15 | 1250316.81 |
|      | 16° 25' 57"  | 36   |           |            |
| 2121 |              |      | 414786.7  | 1250327    |
|      | 26° 22' 24"  | 34.8 |           |            |
| 2122 |              |      | 414817.86 | 1250342.45 |
|      | 21° 49' 10"  | 23.5 |           |            |
| 2123 |              |      | 414839.64 | 1250351.17 |
|      | 37° 39' 54"  | 14.1 |           |            |
| 2124 |              |      | 414850.82 | 1250359.8  |
|      | 31° 50' 23"  | 18.7 |           |            |
| 2125 |              |      | 414866.73 | 1250369.68 |
|      | 36° 37' 47"  | 13.8 |           |            |
| 2126 |              |      | 414877.84 | 1250377.94 |
|      | 52° 14' 7"   | 27.3 |           |            |
| 2127 |              |      | 414894.55 | 1250399.51 |
|      | 59° 18' 3"   | 21.5 |           |            |
| 2128 |              |      | 414905.54 | 1250418.02 |
|      | 59° 34' 9"   | 19.2 |           |            |
| 2129 |              |      | 414915.25 | 1250434.55 |
|      | 65° 13' 56"  | 21.1 |           |            |
| 2130 |              |      | 414924.09 | 1250453.71 |
|      | 79° 30' 37"  | 21.9 |           |            |
| 2131 |              |      | 414928.08 | 1250475.26 |
|      | 71° 49' 32"  | 18.1 |           |            |
| 2132 |              |      | 414933.72 | 1250492.44 |
|      | 49° 33' 21"  | 21.7 |           |            |
| 2133 |              |      | 414947.81 | 1250508.97 |
|      | 61° 56' 53"  | 14.7 |           |            |

|      |              |       |           |            |
|------|--------------|-------|-----------|------------|
| 2134 |              |       | 414954.7  | 1250521.9  |
|      | 103° 38' 57" | 7.5   |           |            |
| 2135 |              |       | 414952.92 | 1250529.23 |
|      | 142° 42' 15" | 7.8   |           |            |
| 2136 |              |       | 414946.71 | 1250533.96 |
|      | 138° 26' 6"  | 11.8  |           |            |
| 2137 |              |       | 414937.88 | 1250541.79 |
|      | 95° 5' 25"   | 7     |           |            |
| 2138 |              |       | 414937.26 | 1250548.75 |
|      | 52° 26' 22"  | 16.9  |           |            |
| 2139 |              |       | 414947.58 | 1250562.17 |
|      | 42° 51' 55"  | 19.9  |           |            |
| 2140 |              |       | 414962.19 | 1250575.73 |
|      | 55° 57' 27"  | 17.6  |           |            |
| 2141 |              |       | 414972.04 | 1250590.31 |
|      | 86° 14' 32"  | 17.5  |           |            |
| 2142 |              |       | 414973.19 | 1250607.82 |
|      | 96° 2' 8"    | 14.6  |           |            |
| 2143 |              |       | 414971.66 | 1250622.29 |
|      | 141° 38' 30" | 16.3  |           |            |
| 2144 |              |       | 414958.86 | 1250632.42 |
|      | 157° 57' 43" | 31.5  |           |            |
| 2145 |              |       | 414929.66 | 1250644.24 |
|      | 185° 59' 14" | 52.7  |           |            |
| 2146 |              |       | 414877.22 | 1250638.74 |
|      | 183° 10' 14" | 63.3  |           |            |
| 2147 |              |       | 414814.04 | 1250635.24 |
|      | 152° 41' 52" | 26.8  |           |            |
| 2148 |              |       | 414790.25 | 1250647.52 |
|      | 157° 41' 22" | 29.1  |           |            |
| 2149 |              |       | 414763.37 | 1250658.55 |
|      | 156° 30' 0"  | 34    |           |            |
| 2150 |              |       | 414732.23 | 1250672.09 |
|      | 171° 18' 38" | 23.8  |           |            |
| 2151 |              |       | 414708.74 | 1250675.68 |
|      | 174° 58' 53" | 38.6  |           |            |
| 2152 |              |       | 414670.25 | 1250679.06 |
|      | 179° 28' 53" | 22.1  |           |            |
| 2153 |              |       | 414648.15 | 1250679.26 |
|      | 171° 25' 49" | 62.1  |           |            |
| 2154 |              |       | 414586.7  | 1250688.52 |
|      | 125° 17' 28" | 25.4  |           |            |
| 2155 |              |       | 414572.02 | 1250709.26 |
|      | 97° 52' 13"  | 30.9  |           |            |
| 2156 |              |       | 414567.79 | 1250739.86 |
|      | 95° 50' 28"  | 33.6  |           |            |
| 2157 |              |       | 414564.37 | 1250773.29 |
|      | 80° 50' 16"  | 51.8  |           |            |
| 2158 |              |       | 414572.61 | 1250824.38 |
|      | 103° 20' 17" | 77.6  |           |            |
| 2159 |              |       | 414554.7  | 1250899.92 |
|      | 132° 9' 33"  | 125.4 |           |            |
| 2160 |              |       | 414470.52 | 1250992.89 |
|      | 142° 53' 15" | 90.2  |           |            |
| 2161 |              |       | 414398.57 | 1251047.33 |
|      | 141° 16' 57" | 128.8 |           |            |
| 2162 |              |       | 414298.04 | 1251127.92 |
|      | 130° 26' 24" | 98.3  |           |            |
| 2163 |              |       | 414234.29 | 1251202.72 |
|      | 133° 30' 17" | 53.7  |           |            |

|      |              |      |           |            |
|------|--------------|------|-----------|------------|
| 2164 |              |      | 414197.35 | 1251241.64 |
|      | 156° 18' 15" | 83.1 |           |            |
| 2165 |              |      | 414121.27 | 1251275.03 |
|      | 166° 2' 49"  | 48.4 |           |            |
| 2166 |              |      | 414074.34 | 1251286.69 |
|      | 183° 14' 20" | 41.4 |           |            |
| 2167 |              |      | 414032.99 | 1251284.35 |
|      | 206° 18' 44" | 25.4 |           |            |
| 2168 |              |      | 414010.26 | 1251273.11 |
|      | 211° 23' 6"  | 18.9 |           |            |
| 2169 |              |      | 413994.13 | 1251263.27 |
|      | 225° 0' 0"   | 10.7 |           |            |
| 2170 |              |      | 413986.57 | 1251255.71 |
|      | 225° 40' 38" | 23.9 |           |            |
| 2171 |              |      | 413969.85 | 1251238.59 |
|      | 225° 14' 21" | 30.5 |           |            |
| 2172 |              |      | 413948.38 | 1251216.94 |
|      | 296° 28' 22" | 2.8  |           |            |
| 2173 |              |      | 413949.62 | 1251214.45 |
|      | 236° 19' 39" | 9    |           |            |
| 2174 |              |      | 413944.65 | 1251206.99 |
|      | 230° 5' 4"   | 25.4 |           |            |
| 2175 |              |      | 413928.37 | 1251187.53 |
|      | 229° 40' 49" | 19   |           |            |
| 2176 |              |      | 413916.09 | 1251173.06 |
|      | 248° 45' 4"  | 35.4 |           |            |
| 2177 |              |      | 413903.25 | 1251140.04 |
|      | 263° 3' 12"  | 27.9 |           |            |
| 2178 |              |      | 413899.88 | 1251112.38 |
|      | 299° 2' 47"  | 48.8 |           |            |
| 2179 |              |      | 413923.55 | 1251069.76 |
|      | 252° 52' 8"  | 23.8 |           |            |
| 2180 |              |      | 413916.55 | 1251047.05 |
|      | 227° 7' 52"  | 26.4 |           |            |
| 2181 |              |      | 413898.57 | 1251027.68 |
|      | 225° 13' 17" | 27.4 |           |            |
| 2182 |              |      | 413879.24 | 1251008.2  |
|      | 183° 53' 1"  | 32.3 |           |            |
| 2183 |              |      | 413846.98 | 1251006.01 |
|      | 159° 56' 49" | 44.1 |           |            |
| 2184 |              |      | 413805.53 | 1251021.14 |
|      | 140° 57' 25" | 36   |           |            |
| 2185 |              |      | 413777.59 | 1251043.8  |
|      | 128° 58' 11" | 20.2 |           |            |
| 2186 |              |      | 413764.89 | 1251059.5  |
|      | 162° 37' 21" | 27.8 |           |            |
| 2187 |              |      | 413738.4  | 1251067.79 |
|      | 90° 0' 0"    | 20.7 |           |            |
| 2188 |              |      | 413717.66 | 1251067.79 |
|      | 190° 15' 59" | 44   |           |            |
| 2189 |              |      | 413674.32 | 1251059.94 |
|      | 207° 23' 29" | 43.1 |           |            |
| 2190 |              |      | 413636.05 | 1251040.11 |
|      | 95° 13' 31"  | 83.6 |           |            |
| 2191 |              |      | 413628.44 | 1251123.32 |
|      | 90° 0' 0"    | 30   |           |            |
| 2192 |              |      | 413628.44 | 1251153.32 |
|      | 90° 0' 0"    | 30   |           |            |
| 2193 |              |      | 413628.44 | 1251183.31 |
|      | 90° 49' 30"  | 65.3 |           |            |



|      |              |       |           |            |
|------|--------------|-------|-----------|------------|
| 2194 |              |       | 413627.5  | 1251248.58 |
|      | 90° 50' 1"   | 65.3  |           |            |
| 2195 |              |       | 413626.55 | 1251313.85 |
|      | 89° 43' 53"  | 81.1  |           |            |
| 2196 |              |       | 413626.93 | 1251394.97 |
|      | 89° 43' 53"  | 81.1  |           |            |
| 2197 |              |       | 413627.31 | 1251476.08 |
|      | 89° 49' 15"  | 118.5 |           |            |
| 2198 |              |       | 413627.68 | 1251594.55 |
|      | 89° 9' 49"   | 78.1  |           |            |
| 2199 |              |       | 413628.82 | 1251672.65 |
|      | 91° 27' 39"  | 83.1  |           |            |
| 2200 |              |       | 413626.7  | 1251755.77 |
|      | 90° 53' 3"   | 167.8 |           |            |
| 2201 |              |       | 413624.11 | 1251923.57 |
|      | 89° 18' 49"  | 71.8  |           |            |
| 2202 |              |       | 413624.97 | 1251995.36 |
|      | 179° 46' 25" | 344.5 |           |            |
| 2203 |              |       | 413280.48 | 1251996.72 |
|      | 179° 57' 8"  | 204.9 |           |            |
| 2204 |              |       | 413075.62 | 1251996.89 |
|      | 88° 55' 51"  | 57.9  |           |            |
| 2205 |              |       | 413076.7  | 1252054.76 |
|      | 89° 4' 16"   | 116.6 |           |            |
| 2206 |              |       | 413078.59 | 1252171.34 |
|      | 89° 15' 7"   | 547.8 |           |            |
| 2207 |              |       | 413085.74 | 1252719.05 |
|      | 89° 38' 55"  | 26.1  |           |            |
| 2208 |              |       | 413085.9  | 1252745.15 |
|      | 89° 2' 33"   | 122.7 |           |            |
| 2209 |              |       | 413087.95 | 1252867.82 |
|      | 89° 16' 11"  | 88.7  |           |            |
| 2210 |              |       | 413089.08 | 1252956.48 |
|      | 89° 45' 58"  | 93.2  |           |            |
| 2211 |              |       | 413089.46 | 1253049.67 |
|      | 89° 35' 0"   | 155.4 |           |            |
| 2212 |              |       | 413090.59 | 1253205.11 |
|      | 88° 18' 56"  | 73.5  |           |            |
| 2213 |              |       | 413092.75 | 1253278.57 |
|      | 89° 56' 34"  | 521.9 |           |            |
| 2214 |              |       | 413093.27 | 1253800.43 |
|      | 90° 13' 50"  | 29.8  |           |            |
| 2215 |              |       | 413093.15 | 1253830.25 |
|      | 4° 34' 48"   | 41    |           |            |
| 2216 |              |       | 413133.97 | 1253833.52 |
|      | 1° 3' 17"    | 154.8 |           |            |
| 2217 |              |       | 413288.74 | 1253836.37 |
|      | 3° 41' 21"   | 101.8 |           |            |
| 2218 |              |       | 413390.32 | 1253842.92 |
|      | 357° 35' 11" | 87.1  |           |            |
| 2219 |              |       | 413477.39 | 1253839.25 |
|      | 358° 12' 21" | 153   |           |            |
| 2220 |              |       | 413630.31 | 1253834.46 |
|      | 357° 26' 6"  | 8.3   |           |            |
| 2221 |              |       | 413638.57 | 1253834.09 |
|      | 359° 2' 52"  | 197.4 |           |            |
| 2222 |              |       | 413835.94 | 1253830.81 |
|      | 359° 13' 40" | 195.9 |           |            |
| 2223 |              |       | 414031.83 | 1253828.17 |
|      | 357° 51' 58" | 143.2 |           |            |

|      |              |       |           |            |
|------|--------------|-------|-----------|------------|
| 2224 |              |       | 414174.89 | 1253822.84 |
|      | 89° 24' 49"  | 147.6 |           |            |
| 2225 |              |       | 414176.4  | 1253970.41 |
|      | 89° 21' 26"  | 100.7 |           |            |
| 2226 |              |       | 414177.53 | 1254071.15 |
|      | 89° 21' 26"  | 100.7 |           |            |
| 2227 |              |       | 414178.66 | 1254171.88 |
|      | 89° 14' 5"   | 89.1  |           |            |
| 2228 |              |       | 414179.85 | 1254260.97 |
|      | 89° 6' 47"   | 115.7 |           |            |
| 2229 |              |       | 414181.64 | 1254376.61 |
|      | 89° 6' 46"   | 505.8 |           |            |
| 2230 |              |       | 414189.47 | 1254882.36 |
|      | 359° 20' 26" | 207.7 |           |            |
| 2231 |              |       | 414397.17 | 1254879.97 |
|      | 359° 28' 8"  | 308.6 |           |            |
| 2232 |              |       | 414705.8  | 1254877.11 |
|      | 269° 11' 42" | 100.4 |           |            |
| 2233 |              |       | 414704.39 | 1254776.76 |
|      | 270° 2' 57"  | 116.5 |           |            |
| 2234 |              |       | 414704.49 | 1254660.29 |
|      | 269° 26' 55" | 94.6  |           |            |
| 2235 |              |       | 414703.58 | 1254565.69 |
|      | 268° 59' 42" | 140.8 |           |            |
| 2236 |              |       | 414701.11 | 1254424.87 |
|      | 269° 20' 50" | 166   |           |            |
| 2237 |              |       | 414699.22 | 1254258.92 |
|      | 269° 37' 19" | 447.4 |           |            |
| 2238 |              |       | 414696.27 | 1253811.56 |
|      | 358° 58' 35" | 98    |           |            |
| 2239 |              |       | 414794.24 | 1253809.81 |
|      | 359° 0' 11"  | 111.5 |           |            |
| 2240 |              |       | 414905.75 | 1253807.87 |
|      | 358° 17' 39" | 87    |           |            |
| 2241 |              |       | 414992.72 | 1253805.28 |
|      | 359° 9' 33"  | 38.9  |           |            |
| 2242 |              |       | 415031.57 | 1253804.71 |
|      | 359° 10' 5"  | 90.2  |           |            |
| 2243 |              |       | 415121.81 | 1253803.4  |
|      | 358° 28' 16" | 155.6 |           |            |
| 2244 |              |       | 415277.32 | 1253799.25 |
|      | 90° 0' 0"    | 23    |           |            |
| 2245 |              |       | 415300.34 | 1253799.25 |
|      | 357° 33' 42" | 103   |           |            |
| 2246 |              |       | 415403.21 | 1253794.87 |
|      | 358° 3' 27"  | 50.2  |           |            |
| 2247 |              |       | 415453.34 | 1253793.17 |
|      | 359° 30' 4"  | 334.4 |           |            |
| 2248 |              |       | 415787.72 | 1253790.26 |
|      | 359° 3' 6"   | 540.2 |           |            |
| 2249 |              |       | 416327.89 | 1253781.32 |
|      | 90° 3' 29"   | 39.4  |           |            |
| 2250 |              |       | 416327.85 | 1253820.68 |
|      | 90° 0' 0"    | 0.5   |           |            |
| 2251 |              |       | 416327.85 | 1253821.18 |
|      | 86° 38' 0"   | 0.2   |           |            |
| 2252 |              |       | 416327.86 | 1253821.35 |
|      | 90° 0' 0"    | 4     |           |            |
| 2253 |              |       | 416327.86 | 1253825.33 |
|      | 90° 3' 32"   | 184.8 |           |            |

|      |              |       |           |            |
|------|--------------|-------|-----------|------------|
| 2254 |              |       | 416327.67 | 1254010.14 |
|      | 90° 0' 0"    | 54.4  |           |            |
| 2255 |              |       | 416382.08 | 1254010.14 |
|      | 90° 2' 24"   | 257.2 |           |            |
| 2256 |              |       | 416381.9  | 1254267.29 |
|      | 90° 5' 26"   | 391.3 |           |            |
| 2257 |              |       | 416381.28 | 1254658.6  |
|      | 90° 11' 39"  | 188.8 |           |            |
| 2258 |              |       | 416380.64 | 1254847.43 |
|      | 358° 51' 2"  | 153   |           |            |
| 2259 |              |       | 416533.65 | 1254844.36 |
|      | 358° 32' 47" | 133.7 |           |            |
| 2260 |              |       | 416667.26 | 1254840.97 |
|      | 358° 25' 4"  | 177.8 |           |            |
| 2261 |              |       | 416845.04 | 1254836.06 |
|      | 0° 54' 1"    | 40.1  |           |            |
| 2262 |              |       | 416885.13 | 1254836.69 |
|      | 358° 25' 21" | 146   |           |            |
| 2263 |              |       | 417031.12 | 1254832.67 |
|      | 358° 50' 34" | 168.4 |           |            |
| 2264 |              |       | 417199.47 | 1254829.27 |
|      | 90° 0' 0"    | 169.5 |           |            |
| 2265 |              |       | 417368.94 | 1254829.27 |
|      | 88° 0' 39"   | 37.7  |           |            |
| 2266 |              |       | 417370.25 | 1254866.99 |
|      | 3° 28' 22"   | 19    |           |            |
| 2267 |              |       | 417389.2  | 1254868.14 |
|      | 90° 0' 0"    | 101.3 |           |            |
| 2268 |              |       | 417490.52 | 1254868.14 |
|      | 359° 38' 31" | 120   |           |            |
| 2269 |              |       | 417610.55 | 1254867.39 |
|      | 0° 15' 44"   | 281.9 |           |            |
| 2270 |              |       | 417892.41 | 1254868.68 |
|      | 90° 37' 47"  | 32.7  |           |            |
| 2271 |              |       | 417892.05 | 1254901.42 |
|      | 90° 5' 56"   | 86.7  |           |            |
| 2272 |              |       | 417891.9  | 1254988.15 |
|      | 89° 44' 9"   | 93.4  |           |            |
| 2273 |              |       | 417892.33 | 1255081.5  |
|      | 90° 14' 58"  | 98.7  |           |            |
| 2274 |              |       | 417891.9  | 1255180.24 |
|      | 89° 44' 56"  | 98.2  |           |            |
| 2275 |              |       | 417892.33 | 1255278.4  |
|      | 90° 4' 10"   | 82.3  |           |            |
| 2276 |              |       | 417892.23 | 1255360.72 |
|      | 89° 40' 43"  | 76.7  |           |            |
| 2277 |              |       | 417892.66 | 1255437.41 |
|      | 90° 38' 42"  | 134.1 |           |            |
| 2278 |              |       | 417891.15 | 1255571.51 |
|      | 89° 34' 49"  | 23.2  |           |            |
| 2279 |              |       | 417891.32 | 1255594.73 |
|      | 89° 34' 35"  | 32.5  |           |            |
| 2280 |              |       | 417891.56 | 1255627.21 |
|      | 339° 28' 0"  | 96.3  |           |            |
| 2281 |              |       | 417981.75 | 1255593.43 |
|      | 359° 2' 2"   | 64.1  |           |            |
| 2282 |              |       | 418045.81 | 1255592.35 |
|      | 357° 35' 16" | 61.3  |           |            |
| 2283 |              |       | 418107.06 | 1255589.77 |
|      | 358° 59' 22" | 110   |           |            |

|      |              |         |           |            |
|------|--------------|---------|-----------|------------|
| 2284 |              |         | 418217.06 | 1255587.83 |
|      | 358° 42' 7"  | 95.4    |           |            |
| 2285 |              |         | 418312.4  | 1255585.67 |
|      | 358° 49' 39" | 84.6    |           |            |
| 2286 |              |         | 418396.94 | 1255583.94 |
|      | 358° 37' 12" | 89.3    |           |            |
| 2287 |              |         | 418486.2  | 1255581.79 |
|      | 359° 28' 15" | 163.5   |           |            |
| 2288 |              |         | 418649.73 | 1255580.28 |
|      | 359° 21' 34" | 96.6    |           |            |
| 2289 |              |         | 418746.36 | 1255579.2  |
|      | 359° 8' 17"  | 129     |           |            |
| 2290 |              |         | 418875.34 | 1255577.26 |
|      | 0° 9' 20"    | 80.9    |           |            |
| 2291 |              |         | 418956.23 | 1255577.48 |
|      | 88° 26' 59"  | 342.7   |           |            |
| 2292 |              |         | 418965.5  | 1255920.01 |
|      | 180° 19' 14" | 2 076.3 |           |            |
| 2293 |              |         | 416889.21 | 1255908.39 |
|      | 178° 21' 8"  | 437.9   |           |            |
| 2294 |              |         | 416451.49 | 1255920.98 |
|      | 180° 29' 45" | 335.1   |           |            |
| 2295 |              |         | 416116.43 | 1255918.08 |
|      | 181° 49' 25" | 313.3   |           |            |
| 2296 |              |         | 415803.3  | 1255908.11 |
|      | 89° 44' 56"  | 742.2   |           |            |
| 2297 |              |         | 415806.55 | 1256650.35 |
|      | 214° 36' 21" | 105     |           |            |
| 2298 |              |         | 415720.16 | 1256590.74 |
|      | 230° 20' 50" | 272.9   |           |            |
| 2299 |              |         | 415546    | 1256380.61 |
|      | 204° 28' 14" | 671.8   |           |            |
| 2300 |              |         | 414934.52 | 1256102.32 |
|      | 210° 2' 50"  | 933.8   |           |            |
| 2301 |              |         | 414126.17 | 1255634.73 |
|      | 174° 13' 42" | 169.3   |           |            |
| 2302 |              |         | 413957.68 | 1255651.76 |
|      | 211° 37' 6"  | 624.7   |           |            |
| 2303 |              |         | 413425.72 | 1255324.26 |
|      | 246° 27' 14" | 450.2   |           |            |
| 2304 |              |         | 413245.88 | 1254911.56 |
|      | 176° 43' 42" | 265.5   |           |            |
| 2305 |              |         | 412980.85 | 1254926.71 |
|      | 196° 3' 10"  | 273.1   |           |            |
| 2306 |              |         | 412718.43 | 1254851.2  |
|      | 284° 34' 26" | 159.4   |           |            |
| 2307 |              |         | 412758.54 | 1254696.93 |
|      | 206° 37' 6"  | 19.2    |           |            |
| 2308 |              |         | 412741.36 | 1254688.32 |
|      | 205° 33' 15" | 31.9    |           |            |
| 2309 |              |         | 412712.54 | 1254674.54 |
|      | 111° 32' 7"  | 20.4    |           |            |
| 2310 |              |         | 412705.05 | 1254693.52 |
|      | 114° 26' 1"  | 91.9    |           |            |
| 2311 |              |         | 412667.05 | 1254777.16 |
|      | 109° 3' 11"  | 10.8    |           |            |
| 2312 |              |         | 412663.51 | 1254787.41 |
|      | 108° 57' 46" | 427.6   |           |            |
| 2313 |              |         | 412524.55 | 1255191.83 |
|      | 202° 53' 16" | 111.4   |           |            |

|      |              |       |           |            |
|------|--------------|-------|-----------|------------|
| 2314 |              |       | 412421.89 | 1255148.49 |
|      | 162° 43' 3"  | 169.1 |           |            |
| 2315 |              |       | 412260.38 | 1255198.74 |
|      | 211° 31' 41" | 280   |           |            |
| 2316 |              |       | 412021.74 | 1255052.34 |
|      | 209° 43' 48" | 150.1 |           |            |
| 2317 |              |       | 411891.41 | 1254977.91 |
|      | 192° 12' 35" | 117.3 |           |            |
| 2318 |              |       | 411776.8  | 1254953.11 |
|      | 232° 11' 57" | 21.7  |           |            |
| 2319 |              |       | 411763.52 | 1254935.99 |
|      | 202° 58' 51" | 34.9  |           |            |
| 2320 |              |       | 411731.38 | 1254922.36 |
|      | 173° 6' 29"  | 75.9  |           |            |
| 2321 |              |       | 411656.01 | 1254931.47 |
|      | 225° 28' 53" | 23.6  |           |            |
| 2322 |              |       | 411639.49 | 1254914.67 |
|      | 311° 32' 43" | 20.5  |           |            |
| 2323 |              |       | 411653.11 | 1254899.3  |
|      | 339° 1' 49"  | 44.9  |           |            |
| 2324 |              |       | 411695.04 | 1254883.23 |
|      | 306° 51' 19" | 15.7  |           |            |
| 2325 |              |       | 411704.47 | 1254870.65 |
|      | 221° 39' 1"  | 16.8  |           |            |
| 2326 |              |       | 411691.9  | 1254859.47 |
|      | 192° 52' 49" | 37.6  |           |            |
| 2327 |              |       | 411655.21 | 1254851.08 |
|      | 202° 57' 48" | 44.8  |           |            |
| 2328 |              |       | 411613.98 | 1254833.61 |
|      | 181° 26' 36" | 55.6  |           |            |
| 2329 |              |       | 411558.42 | 1254832.21 |
|      | 211° 16' 22" | 22.9  |           |            |
| 2330 |              |       | 411538.86 | 1254820.33 |
|      | 192° 23' 3"  | 22.8  |           |            |
| 2331 |              |       | 411516.59 | 1254815.44 |
|      | 217° 36' 35" | 26.2  |           |            |
| 2332 |              |       | 411495.86 | 1254799.47 |
|      | 214° 59' 47" | 42.6  |           |            |
| 2333 |              |       | 411460.98 | 1254775.05 |
|      | 215° 4' 39"  | 32.3  |           |            |
| 2334 |              |       | 411434.55 | 1254756.49 |
|      | 215° 6' 58"  | 112.5 |           |            |
| 2335 |              |       | 411342.49 | 1254691.75 |
|      | 215° 2' 10"  | 227   |           |            |
| 2336 |              |       | 411156.61 | 1254561.42 |
|      | 201° 43' 42" | 205.7 |           |            |
| 2337 |              |       | 410965.48 | 1254485.25 |
|      | 187° 22' 10" | 212.4 |           |            |
| 2338 |              |       | 410754.79 | 1254458    |
|      | 219° 42' 27" | 337.5 |           |            |
| 2339 |              |       | 410495.18 | 1254242.41 |
|      | 136° 51' 37" | 57.1  |           |            |
| 2340 |              |       | 410453.54 | 1254281.43 |
|      | 138° 33' 5"  | 81.5  |           |            |
| 2341 |              |       | 410392.45 | 1254335.38 |
|      | 138° 0' 36"  | 80.4  |           |            |
| 2342 |              |       | 410332.7  | 1254389.16 |
|      | 210° 6' 25"  | 116.3 |           |            |
| 2343 |              |       | 410232.07 | 1254330.81 |
|      | 213° 23' 55" | 77.4  |           |            |

|      |              |      |           |            |
|------|--------------|------|-----------|------------|
| 2344 |              |      | 410167.43 | 1254288.19 |
|      | 209° 32' 17" | 57.4 |           |            |
| 2345 |              |      | 410117.47 | 1254259.88 |
|      | 209° 41' 3"  | 83.3 |           |            |
| 2346 |              |      | 410045.14 | 1254218.65 |
|      | 197° 35' 58" | 53.1 |           |            |
| 2347 |              |      | 409994.48 | 1254202.58 |
|      | 174° 20' 47" | 39   |           |            |
| 2348 |              |      | 409955.69 | 1254206.42 |
|      | 155° 16' 30" | 48.5 |           |            |
| 2349 |              |      | 409911.67 | 1254226.69 |
|      | 157° 52' 23" | 56.6 |           |            |
| 2350 |              |      | 409859.26 | 1254248    |
|      | 160° 19' 16" | 50.8 |           |            |
| 2351 |              |      | 409811.39 | 1254265.12 |
|      | 177° 55' 17" | 48.3 |           |            |
| 2352 |              |      | 409763.17 | 1254266.87 |
|      | 188° 7' 54"  | 46.9 |           |            |
| 2353 |              |      | 409716.7  | 1254260.23 |
|      | 200° 20' 30" | 33.2 |           |            |
| 2354 |              |      | 409685.6  | 1254248.7  |
|      | 224° 31' 56" | 59.8 |           |            |
| 2355 |              |      | 409642.98 | 1254206.77 |
|      | 236° 14' 37" | 93.7 |           |            |
| 2356 |              |      | 409590.91 | 1254128.86 |
|      | 221° 41' 18" | 68.3 |           |            |
| 2357 |              |      | 409539.9  | 1254083.43 |
|      | 208° 19' 18" | 61.1 |           |            |
| 2358 |              |      | 409486.09 | 1254054.43 |
|      | 199° 26' 57" | 99.7 |           |            |
| 2359 |              |      | 409392.1  | 1254021.24 |
|      | 196° 36' 43" | 86.8 |           |            |
| 2360 |              |      | 409308.94 | 1253996.43 |
|      | 191° 7' 11"  | 83.3 |           |            |
| 2361 |              |      | 409227.18 | 1253980.36 |
|      | 193° 10' 51" | 56.7 |           |            |
| 2362 |              |      | 409171.97 | 1253967.43 |
|      | 199° 39' 0"  | 62.3 |           |            |
| 2363 |              |      | 409113.27 | 1253946.47 |
|      | 208° 32' 18" | 63.6 |           |            |
| 2364 |              |      | 409057.37 | 1253916.07 |
|      | 215° 46' 1"  | 50.8 |           |            |
| 2365 |              |      | 409016.14 | 1253886.37 |
|      | 221° 57' 46" | 55.9 |           |            |
| 2366 |              |      | 408974.56 | 1253848.98 |
|      | 257° 16' 41" | 22.2 |           |            |
| 2367 |              |      | 408969.67 | 1253827.32 |
|      | 342° 8' 46"  | 33   |           |            |
| 2368 |              |      | 409001.12 | 1253817.19 |
|      | 290° 14' 30" | 45.4 |           |            |
| 2369 |              |      | 409016.84 | 1253774.56 |
|      | 234° 8' 56"  | 15.5 |           |            |
| 2370 |              |      | 409007.75 | 1253761.98 |
|      | 181° 8' 51"  | 17.5 |           |            |
| 2371 |              |      | 408990.28 | 1253761.63 |
|      | 173° 20' 31" | 27.1 |           |            |
| 2372 |              |      | 408963.38 | 1253764.77 |
|      | 184° 11' 18" | 23.8 |           |            |
| 2373 |              |      | 408939.62 | 1253763.03 |
|      | 220° 14' 46" | 23.8 |           |            |

|      |              |       |           |            |
|------|--------------|-------|-----------|------------|
| 2374 |              |       | 408921.45 | 1253747.65 |
|      | 220° 26' 55" | 87.2  |           |            |
| 2375 |              |       | 408855.06 | 1253691.05 |
|      | 206° 25' 50" | 66.7  |           |            |
| 2376 |              |       | 408795.31 | 1253661.35 |
|      | 193° 19' 37" | 51.5  |           |            |
| 2377 |              |       | 408745.16 | 1253649.47 |
|      | 271° 58' 32" | 69.3  |           |            |
| 2378 |              |       | 408747.55 | 1253580.19 |
|      | 194° 40' 4"  | 279.8 |           |            |
| 2379 |              |       | 408476.83 | 1253509.33 |
|      | 220° 42' 46" | 183.7 |           |            |
| 2380 |              |       | 408337.59 | 1253389.51 |
|      | 270° 40' 30" | 148.5 |           |            |
| 2381 |              |       | 408339.34 | 1253241.01 |
|      | 298° 40' 52" | 203.1 |           |            |
| 2382 |              |       | 408436.82 | 1253062.82 |
|      | 337° 32' 11" | 225   |           |            |
| 2383 |              |       | 408644.72 | 1252976.86 |
|      | 348° 41' 40" | 74.8  |           |            |
| 2384 |              |       | 408718.1  | 1252962.19 |
|      | 356° 57' 50" | 59.5  |           |            |
| 2385 |              |       | 408777.49 | 1252959.04 |
|      | 13° 7' 57"   | 53.8  |           |            |
| 2386 |              |       | 408829.91 | 1252971.27 |
|      | 20° 46' 8"   | 89.7  |           |            |
| 2387 |              |       | 408913.76 | 1253003.07 |
|      | 9° 41' 3"    | 58.1  |           |            |
| 2388 |              |       | 408971.07 | 1253012.85 |
|      | 354° 48' 15" | 77.2  |           |            |
| 2389 |              |       | 409047.94 | 1253005.86 |
|      | 343° 24' 40" | 89.3  |           |            |
| 2390 |              |       | 409133.54 | 1252980.36 |
|      | 335° 4' 16"  | 208.9 |           |            |
| 2391 |              |       | 409323    | 1252892.3  |
|      | 340° 46' 26" | 13.5  |           |            |
| 2392 |              |       | 409335.76 | 1252887.85 |
|      | 345° 14' 53" | 17.9  |           |            |
| 2393 |              |       | 409353.04 | 1252883.3  |
|      | 346° 45' 58" | 38.4  |           |            |
| 2394 |              |       | 409390.46 | 1252874.5  |
|      | 352° 17' 2"  | 11.5  |           |            |
| 2395 |              |       | 409401.9  | 1252872.95 |
|      | 355° 50' 17" | 27.8  |           |            |
| 2396 |              |       | 409429.66 | 1252870.93 |
|      | 358° 45' 22" | 23    |           |            |
| 2397 |              |       | 409452.69 | 1252870.43 |
|      | 2° 5' 4"     | 19.8  |           |            |
| 2398 |              |       | 409472.47 | 1252871.15 |
|      | 4° 29' 52"   | 7.5   |           |            |
| 2399 |              |       | 409479.97 | 1252871.74 |
|      | 14° 34' 40"  | 6.2   |           |            |
| 2400 |              |       | 409485.93 | 1252873.29 |
|      | 33° 41' 24"  | 5.6   |           |            |
| 2401 |              |       | 409490.58 | 1252876.39 |
|      | 57° 17' 23"  | 5.5   |           |            |
| 2402 |              |       | 409493.56 | 1252881.03 |
|      | 63° 9' 49"   | 11.3  |           |            |
| 2403 |              |       | 409498.68 | 1252891.15 |
|      | 76° 27' 42"  | 23.2  |           |            |

|      |              |       |           |            |
|------|--------------|-------|-----------|------------|
| 2404 |              |       | 409504.1  | 1252913.66 |
|      | 66° 49' 30"  | 3.2   |           |            |
| 2405 |              |       | 409505.35 | 1252916.58 |
|      | 17° 31' 7"   | 4.2   |           |            |
| 2406 |              |       | 409509.31 | 1252917.83 |
|      | 15° 31' 26"  | 27.3  |           |            |
| 2407 |              |       | 409535.59 | 1252925.13 |
|      | 16° 26' 43"  | 38.3  |           |            |
| 2408 |              |       | 409572.28 | 1252935.96 |
|      | 349° 33' 54" | 22.1  |           |            |
| 2409 |              |       | 409594    | 1252931.96 |
|      | 338° 58' 57" | 22.5  |           |            |
| 2410 |              |       | 409615.03 | 1252923.88 |
|      | 358° 58' 8"  | 11.7  |           |            |
| 2411 |              |       | 409626.7  | 1252923.67 |
|      | 0° 51' 40"   | 14    |           |            |
| 2412 |              |       | 409640.67 | 1252923.88 |
|      | 12° 59' 12"  | 5.6   |           |            |
| 2413 |              |       | 409646.09 | 1252925.13 |
|      | 28° 57' 3"   | 4.3   |           |            |
| 2414 |              |       | 409649.85 | 1252927.21 |
|      | 67° 12' 10"  | 12.9  |           |            |
| 2415 |              |       | 409654.86 | 1252939.13 |
|      | 79° 13' 3"   | 56    |           |            |
| 2416 |              |       | 409665.34 | 1252994.16 |
|      | 66° 40' 43"  | 55.2  |           |            |
| 2417 |              |       | 409687.18 | 1253044.82 |
|      | 43° 19' 19"  | 42    |           |            |
| 2418 |              |       | 409717.75 | 1253073.65 |
|      | 10° 29' 28"  | 95.9  |           |            |
| 2419 |              |       | 409812.09 | 1253091.12 |
|      | 350° 58' 13" | 82.3  |           |            |
| 2420 |              |       | 409893.33 | 1253078.21 |
|      | 343° 59' 50" | 26.1  |           |            |
| 2421 |              |       | 409918.4  | 1253071.02 |
|      | 345° 9' 57"  | 32.6  |           |            |
| 2422 |              |       | 409949.89 | 1253062.68 |
|      | 349° 56' 46" | 16.7  |           |            |
| 2423 |              |       | 409966.36 | 1253059.76 |
|      | 343° 48' 56" | 47.1  |           |            |
| 2424 |              |       | 410011.6  | 1253046.63 |
|      | 340° 58' 56" | 44.8  |           |            |
| 2425 |              |       | 410053.93 | 1253032.04 |
|      | 343° 35' 19" | 52.4  |           |            |
| 2426 |              |       | 410104.18 | 1253017.24 |
|      | 345° 33' 55" | 27.6  |           |            |
| 2427 |              |       | 410130.87 | 1253010.37 |
|      | 348° 36' 20" | 30.6  |           |            |
| 2428 |              |       | 410160.89 | 1253004.32 |
|      | 353° 1' 3"   | 42.9  |           |            |
| 2429 |              |       | 410203.43 | 1252999.11 |
|      | 0° 34' 16"   | 42.1  |           |            |
| 2430 |              |       | 410245.55 | 1252999.53 |
|      | 359° 29' 9"  | 60.2  |           |            |
| 2431 |              |       | 410305.75 | 1252998.99 |
|      | 353° 22' 57" | 6.2   |           |            |
| 2432 |              |       | 410311.87 | 1252998.28 |
|      | 349° 32' 26" | 146.3 |           |            |
| 2433 |              |       | 410455.69 | 1252971.73 |
|      | 2° 35' 52"   | 154.2 |           |            |



|      |              |       |           |            |
|------|--------------|-------|-----------|------------|
| 2434 |              |       | 410609.75 | 1252978.72 |
|      | 351° 24' 49" | 39.8  |           |            |
| 2435 |              |       | 410649.09 | 1252972.78 |
|      | 286° 13' 13" | 236.7 |           |            |
| 2436 |              |       | 410715.22 | 1252745.46 |
|      | 286° 31' 34" | 385.6 |           |            |
| 2437 |              |       | 410824.9  | 1252375.81 |
|      | 286° 55' 5"  | 253.7 |           |            |
| 2438 |              |       | 410898.74 | 1252133.05 |
|      | 217° 0' 17"  | 114.7 |           |            |
| 2439 |              |       | 410807.15 | 1252064.02 |
|      | 218° 11' 4"  | 135.4 |           |            |
| 2440 |              |       | 410700.74 | 1251980.33 |
|      | 224° 28' 32" | 40.2  |           |            |
| 2441 |              |       | 410672.07 | 1251952.18 |
|      | 217° 49' 42" | 283.7 |           |            |
| 2442 |              |       | 410448.02 | 1251778.21 |
|      | 214° 27' 40" | 205   |           |            |
| 2443 |              |       | 410278.98 | 1251662.2  |
|      | 219° 45' 41" | 355.1 |           |            |
| 2444 |              |       | 410006.01 | 1251435.08 |
|      | 239° 34' 4"  | 251   |           |            |
| 2445 |              |       | 409878.85 | 1251218.62 |
|      | 240° 29' 44" | 102.8 |           |            |
| 2446 |              |       | 409828.21 | 1251129.13 |
|      | 242° 27' 7"  | 53.4  |           |            |
| 2447 |              |       | 409803.49 | 1251081.74 |
|      | 238° 1' 20"  | 19.7  |           |            |
| 2448 |              |       | 409793.07 | 1251065.05 |
|      | 314° 14' 24" | 2.7   |           |            |
| 2449 |              |       | 409794.93 | 1251063.14 |
|      | 313° 20' 22" | 2.9   |           |            |
| 2450 |              |       | 409796.94 | 1251061.01 |
|      | 311° 22' 38" | 8.7   |           |            |
| 2451 |              |       | 409802.71 | 1251054.46 |
|      | 296° 23' 46" | 15.2  |           |            |
| 2452 |              |       | 409809.46 | 1251040.86 |
|      | 233° 22' 13" | 192.7 |           |            |
| 2453 |              |       | 409694.46 | 1250886.18 |
|      | 236° 10' 1"  | 365.1 |           |            |
| 2454 |              |       | 409491.18 | 1250582.9  |
|      | 229° 41' 12" | 14.9  |           |            |
| 2455 |              |       | 409481.55 | 1250571.55 |
|      | 326° 22' 5"  | 90.2  |           |            |
| 2456 |              |       | 409556.67 | 1250521.58 |
|      | 298° 8' 2"   | 40    |           |            |
| 2457 |              |       | 409575.54 | 1250486.29 |
|      | 268° 38' 1"  | 29.4  |           |            |
| 2458 |              |       | 409574.84 | 1250456.94 |
|      | 231° 30' 33" | 37.1  |           |            |
| 2459 |              |       | 409551.78 | 1250427.94 |
|      | 216° 46' 31" | 44.9  |           |            |
| 2460 |              |       | 409515.79 | 1250401.04 |
|      | 202° 4' 26"  | 55.8  |           |            |
| 2461 |              |       | 409464.08 | 1250380.07 |
|      | 117° 35' 55" | 17.4  |           |            |
| 2462 |              |       | 409456.04 | 1250395.45 |
|      | 233° 42' 25" | 21.3  |           |            |
| 2463 |              |       | 409443.46 | 1250378.32 |
|      | 275° 26' 58" | 29.5  |           |            |

|      |              |       |           |            |
|------|--------------|-------|-----------|------------|
| 2464 |              |       | 409446.26 | 1250348.97 |
|      | 289° 38' 11" | 39.8  |           |            |
| 2465 |              |       | 409459.64 | 1250311.47 |
|      | 240° 28' 16" | 109.5 |           |            |
| 2466 |              |       | 409405.67 | 1250216.19 |
|      | 261° 26' 38" | 102.8 |           |            |
| 2467 |              |       | 409390.38 | 1250114.56 |
|      | 259° 45' 29" | 171.4 |           |            |
| 2468 |              |       | 409359.91 | 1249945.92 |
|      | 186° 7' 30"  | 191.5 |           |            |
| 2469 |              |       | 409169.53 | 1249925.49 |
|      | 187° 26' 38" | 264.3 |           |            |
| 2470 |              |       | 408907.47 | 1249891.25 |
|      | 231° 45' 28" | 262.5 |           |            |
| 2471 |              |       | 408745    | 1249685.1  |
|      | 235° 14' 32" | 41.7  |           |            |
| 2472 |              |       | 408721.24 | 1249650.86 |
|      | 138° 29' 19" | 121.8 |           |            |
| 2473 |              |       | 408630.05 | 1249731.57 |
|      | 197° 43' 12" | 97.6  |           |            |
| 2474 |              |       | 408537.1  | 1249701.87 |
|      | 214° 13' 23" | 281.4 |           |            |
| 2475 |              |       | 408304.4  | 1249543.59 |
|      | 309° 28' 38" | 202.8 |           |            |
| 2476 |              |       | 408433.33 | 1249387.06 |
|      | 265° 25' 51" | 109.7 |           |            |
| 2477 |              |       | 408424.59 | 1249277.69 |
|      | 260° 37' 41" | 36.5  |           |            |
| 2478 |              |       | 408418.65 | 1249241.7  |
|      | 255° 12' 38" | 154.7 |           |            |
| 2479 |              |       | 408379.17 | 1249092.16 |
|      | 192° 50' 34" | 166.6 |           |            |
| 2480 |              |       | 408216.7  | 1249055.12 |
|      | 193° 55' 7"  | 209.2 |           |            |
| 2481 |              |       | 408013.69 | 1249004.81 |
|      | 205° 37' 43" | 67    |           |            |
| 2482 |              |       | 407953.24 | 1248975.81 |
|      | 200° 7' 34"  | 146.2 |           |            |
| 2483 |              |       | 407815.93 | 1248925.49 |
|      | 199° 11' 18" | 133.9 |           |            |
| 2484 |              |       | 407689.44 | 1248881.47 |
|      | 199° 7' 56"  | 82.1  |           |            |
| 2485 |              |       | 407611.87 | 1248854.56 |
|      | 201° 37' 47" | 128.9 |           |            |
| 2486 |              |       | 407492.03 | 1248807.04 |
|      | 205° 51' 44" | 89.7  |           |            |
| 2487 |              |       | 407411.31 | 1248767.91 |
|      | 240° 54' 33" | 106.4 |           |            |
| 2488 |              |       | 407359.6  | 1248674.97 |
|      | 97° 27' 59"  | 64.5  |           |            |
| 2489 |              |       | 407351.22 | 1248738.91 |
|      | 46° 50' 39"  | 61.3  |           |            |
| 2490 |              |       | 407393.15 | 1248783.63 |
|      | 94° 56' 49"  | 56.8  |           |            |
| 2491 |              |       | 407388.25 | 1248840.24 |
|      | 174° 32' 35" | 157.9 |           |            |
| 2492 |              |       | 407231.02 | 1248855.26 |
|      | 192° 27' 22" | 58.3  |           |            |
| 2493 |              |       | 407174.07 | 1248842.68 |
|      | 179° 16' 57" | 83.9  |           |            |

|      |              |       |           |            |
|------|--------------|-------|-----------|------------|
| 2494 |              |       | 407090.21 | 1248843.73 |
|      | 202° 49' 31" | 119.8 |           |            |
| 2495 |              |       | 406979.8  | 1248797.26 |
|      | 195° 24' 24" | 132.8 |           |            |
| 2496 |              |       | 406851.74 | 1248761.97 |
|      | 189° 27' 10" | 170.2 |           |            |
| 2497 |              |       | 406683.87 | 1248734.02 |
|      | 258° 49' 48" | 28.9  |           |            |
| 2498 |              |       | 406678.28 | 1248705.71 |
|      | 246° 2' 32"  | 48.2  |           |            |
| 2499 |              |       | 406658.72 | 1248661.69 |
|      | 262° 51' 44" | 39.4  |           |            |
| 2500 |              |       | 406653.82 | 1248622.56 |
|      | 269° 30' 19" | 40.5  |           |            |
| 2501 |              |       | 406653.47 | 1248582.02 |
|      | 260° 54' 37" | 70.8  |           |            |
| 2502 |              |       | 406642.29 | 1248512.14 |
|      | 270° 42' 18" | 142.2 |           |            |
| 2503 |              |       | 406644.04 | 1248369.93 |
|      | 241° 11' 19" | 71.8  |           |            |
| 2504 |              |       | 406609.45 | 1248307.04 |
|      | 224° 40' 25" | 44.7  |           |            |
| 2505 |              |       | 406577.65 | 1248275.6  |
|      | 203° 2' 53"  | 33    |           |            |
| 2506 |              |       | 406547.26 | 1248262.67 |
|      | 174° 26' 23" | 28.8  |           |            |
| 2507 |              |       | 406518.6  | 1248265.46 |
|      | 142° 25' 48" | 28.7  |           |            |
| 2508 |              |       | 406495.89 | 1248282.93 |
|      | 117° 11' 56" | 28.3  |           |            |
| 2509 |              |       | 406482.96 | 1248308.09 |
|      | 92° 57' 28"  | 26.9  |           |            |
| 2510 |              |       | 406481.57 | 1248334.99 |
|      | 80° 3' 4"    | 46.5  |           |            |
| 2511 |              |       | 406489.6  | 1248380.77 |
|      | 136° 38' 21" | 17.3  |           |            |
| 2512 |              |       | 406477.02 | 1248392.65 |
|      | 172° 17' 26" | 20.8  |           |            |
| 2513 |              |       | 406456.41 | 1248395.44 |
|      | 205° 19' 22" | 122.5 |           |            |
| 2514 |              |       | 406345.65 | 1248343.03 |
|      | 196° 4' 12"  | 66.9  |           |            |
| 2515 |              |       | 406281.36 | 1248324.51 |
|      | 200° 14' 30" | 45.4  |           |            |
| 2516 |              |       | 406238.73 | 1248308.79 |
|      | 233° 33' 9"  | 38.2  |           |            |
| 2517 |              |       | 406216.02 | 1248278.04 |
|      | 253° 24' 30" | 51.4  |           |            |
| 2518 |              |       | 406201.34 | 1248228.77 |
|      | 267° 20' 29" | 60.2  |           |            |
| 2519 |              |       | 406198.55 | 1248168.68 |
|      | 277° 16' 55" | 60.6  |           |            |
| 2520 |              |       | 406206.23 | 1248108.58 |
|      | 307° 39' 18" | 127.5 |           |            |
| 2521 |              |       | 406284.15 | 1248007.6  |
|      | 271° 14' 51" | 16.1  |           |            |
| 2522 |              |       | 406284.5  | 1247991.53 |
|      | 229° 18' 10" | 46.1  |           |            |
| 2523 |              |       | 406254.45 | 1247956.59 |
|      | 170° 51' 4"  | 41.8  |           |            |

|      |              |       |           |            |
|------|--------------|-------|-----------|------------|
| 2524 |              |       | 406213.22 | 1247963.23 |
|      | 185° 24' 51" | 26    |           |            |
| 2525 |              |       | 406187.37 | 1247960.78 |
|      | 229° 7' 0"   | 24    |           |            |
| 2526 |              |       | 406171.64 | 1247942.61 |
|      | 264° 14' 18" | 34.8  |           |            |
| 2527 |              |       | 406168.15 | 1247908.02 |
|      | 309° 59' 32" | 28.3  |           |            |
| 2528 |              |       | 406186.32 | 1247886.36 |
|      | 337° 49' 51" | 50.9  |           |            |
| 2529 |              |       | 406233.49 | 1247867.14 |
|      | 4° 28' 53"   | 53.6  |           |            |
| 2530 |              |       | 406286.95 | 1247871.33 |
|      | 15° 28' 52"  | 47.1  |           |            |
| 2531 |              |       | 406332.37 | 1247883.91 |
|      | 346° 39' 31" | 21.2  |           |            |
| 2532 |              |       | 406352.99 | 1247879.02 |
|      | 298° 10' 10" | 22.2  |           |            |
| 2533 |              |       | 406363.47 | 1247859.45 |
|      | 31° 5' 41"   | 51    |           |            |
| 2534 |              |       | 406407.11 | 1247885.77 |
|      | 35° 34' 38"  | 52    |           |            |
| 2535 |              |       | 406449.44 | 1247916.05 |
|      | 46° 55' 52"  | 121.7 |           |            |
| 2536 |              |       | 406532.54 | 1248004.95 |
|      | 317° 6' 41"  | 154.9 |           |            |
| 2537 |              |       | 406646.02 | 1247899.54 |
|      | 261° 16' 42" | 60.1  |           |            |
| 2538 |              |       | 406636.9  | 1247840.09 |
|      | 353° 21' 19" | 88.6  |           |            |
| 2539 |              |       | 406724.89 | 1247829.84 |
|      | 46° 2' 40"   | 105.1 |           |            |
| 2540 |              |       | 406797.85 | 1247905.51 |
|      | 294° 58' 43" | 70.1  |           |            |
| 2541 |              |       | 406827.46 | 1247841.95 |
|      | 347° 49' 45" | 94.9  |           |            |
| 2542 |              |       | 406920.24 | 1247821.94 |
|      | 27° 29' 50"  | 116.8 |           |            |
| 2543 |              |       | 407023.85 | 1247875.87 |
|      | 326° 7' 39"  | 120.4 |           |            |
| 2544 |              |       | 407123.78 | 1247808.79 |
|      | 256° 37' 10" | 155.5 |           |            |
| 2545 |              |       | 407087.79 | 1247657.49 |
|      | 340° 53' 15" | 92.8  |           |            |
| 2546 |              |       | 407175.49 | 1247627.1  |
|      | 264° 57' 51" | 342.3 |           |            |
| 2547 |              |       | 407145.44 | 1247286.08 |
|      | 288° 25' 50" | 84    |           |            |
| 2548 |              |       | 407171.99 | 1247206.41 |
|      | 278° 50' 41" | 262.8 |           |            |
| 2549 |              |       | 407212.4  | 1246946.72 |
|      | 255° 28' 12" | 214   |           |            |
| 2550 |              |       | 407158.72 | 1246739.6  |
|      | 308° 54' 43" | 86.2  |           |            |
| 2551 |              |       | 407212.87 | 1246672.52 |
|      | 46° 47' 55"  | 244   |           |            |
| 2552 |              |       | 407379.89 | 1246850.37 |
|      | 326° 32' 48" | 116   |           |            |
| 2553 |              |       | 407476.68 | 1246786.42 |
|      | 326° 25' 5"  | 29.4  |           |            |

|      |              |      |           |            |
|------|--------------|------|-----------|------------|
| 2554 |              |      | 407501.14 | 1246770.18 |
|      | 16° 24' 30"  | 20.4 |           |            |
| 2555 |              |      | 407520.7  | 1246775.94 |
|      | 349° 18' 48" | 13.2 |           |            |
| 2556 |              |      | 407533.63 | 1246773.5  |
|      | 333° 26' 5"  | 14.8 |           |            |
| 2557 |              |      | 407546.91 | 1246766.86 |
|      | 309° 19' 41" | 37.5 |           |            |
| 2558 |              |      | 407570.67 | 1246737.86 |
|      | 329° 57' 2"  | 28.3 |           |            |
| 2559 |              |      | 407595.13 | 1246723.71 |
|      | 335° 37' 48" | 26.3 |           |            |
| 2560 |              |      | 407619.06 | 1246712.87 |
|      | 319° 31' 24" | 20.4 |           |            |
| 2561 |              |      | 407634.61 | 1246699.6  |
|      | 329° 29' 53" | 21.7 |           |            |
| 2562 |              |      | 407653.3  | 1246688.59 |
|      | 295° 13' 58" | 47.1 |           |            |
| 2563 |              |      | 407673.39 | 1246645.96 |
|      | 297° 45' 0"  | 56.7 |           |            |
| 2564 |              |      | 407699.77 | 1246595.82 |
|      | 304° 39' 0"  | 32.3 |           |            |
| 2565 |              |      | 407718.12 | 1246569.27 |
|      | 312° 13' 42" | 28.1 |           |            |
| 2566 |              |      | 407736.99 | 1246548.48 |
|      | 313° 8' 30"  | 26.8 |           |            |
| 2567 |              |      | 407755.33 | 1246528.91 |
|      | 297° 33' 45" | 31.3 |           |            |
| 2568 |              |      | 407769.83 | 1246501.13 |
|      | 281° 27' 45" | 40.5 |           |            |
| 2569 |              |      | 407777.87 | 1246461.48 |
|      | 292° 17' 51" | 25.3 |           |            |
| 2570 |              |      | 407787.47 | 1246438.07 |
|      | 307° 48' 19" | 29.6 |           |            |
| 2571 |              |      | 407805.64 | 1246414.65 |
|      | 303° 35' 1"  | 22.4 |           |            |
| 2572 |              |      | 407818.05 | 1246395.96 |
|      | 325° 8' 44"  | 35.8 |           |            |
| 2573 |              |      | 407847.4  | 1246375.52 |
|      | 324° 16' 56" | 32.9 |           |            |
| 2574 |              |      | 407874.13 | 1246356.3  |
|      | 298° 39' 45" | 19.3 |           |            |
| 2575 |              |      | 407883.39 | 1246339.36 |
|      | 267° 35' 15" | 12.6 |           |            |
| 2576 |              |      | 407882.86 | 1246326.78 |
|      | 255° 10' 37" | 13.6 |           |            |
| 2577 |              |      | 407879.38 | 1246313.63 |
|      | 90° 0' 0"    | 28.2 |           |            |
| 2578 |              |      | 407879.38 | 1246285.39 |
|      | 317° 5' 48"  | 6.2  |           |            |
| 2579 |              |      | 407883.91 | 1246281.18 |
|      | 330° 10' 47" | 12.3 |           |            |
| 2580 |              |      | 407894.57 | 1246275.07 |
|      | 7° 12' 6"    | 11.1 |           |            |
| 2581 |              |      | 407905.57 | 1246276.46 |
|      | 43° 55' 2"   | 26.2 |           |            |
| 2582 |              |      | 407924.44 | 1246294.63 |
|      | 37° 51' 53"  | 19.9 |           |            |
| 2583 |              |      | 407940.17 | 1246306.86 |
|      | 12° 43' 27"  | 12.7 |           |            |

|      |              |       |           |            |
|------|--------------|-------|-----------|------------|
| 2584 |              |       | 407952.57 | 1246309.66 |
|      | 336° 41' 44" | 16.4  |           |            |
| 2585 |              |       | 407967.59 | 1246303.19 |
|      | 320° 6' 2"   | 25.1  |           |            |
| 2586 |              |       | 407986.81 | 1246287.12 |
|      | 305° 9' 4"   | 30.3  |           |            |
| 2587 |              |       | 408004.28 | 1246262.31 |
|      | 299° 55' 42" | 29.4  |           |            |
| 2588 |              |       | 408018.96 | 1246236.81 |
|      | 294° 26' 24" | 12.7  |           |            |
| 2589 |              |       | 408024.2  | 1246225.28 |
|      | 229° 7' 0"   | 24    |           |            |
| 2590 |              |       | 408008.47 | 1246207.11 |
|      | 232° 55' 10" | 18    |           |            |
| 2591 |              |       | 407997.64 | 1246192.78 |
|      | 260° 44' 38" | 17.3  |           |            |
| 2592 |              |       | 407994.85 | 1246175.66 |
|      | 296° 33' 2"  | 18    |           |            |
| 2593 |              |       | 408002.88 | 1246159.59 |
|      | 317° 29' 33" | 22.8  |           |            |
| 2594 |              |       | 408019.66 | 1246144.21 |
|      | 321° 42' 0"  | 16.9  |           |            |
| 2595 |              |       | 408032.93 | 1246133.73 |
|      | 291° 25' 8"  | 8.6   |           |            |
| 2596 |              |       | 408036.08 | 1246125.7  |
|      | 247° 2' 43"  | 9.9   |           |            |
| 2597 |              |       | 408032.23 | 1246116.61 |
|      | 235° 47' 0"  | 21.1  |           |            |
| 2598 |              |       | 408020.35 | 1246099.14 |
|      | 328° 33' 35" | 114.9 |           |            |
| 2599 |              |       | 408118.36 | 1246039.22 |
|      | 336° 43' 3"  | 313.8 |           |            |
| 2600 |              |       | 408406.62 | 1245915.18 |
|      | 326° 23' 47" | 159.4 |           |            |
| 2601 |              |       | 408539.4  | 1245826.95 |
|      | 290° 44' 54" | 61.6  |           |            |
| 2602 |              |       | 408561.24 | 1245769.3  |
|      | 309° 19' 24" | 93.7  |           |            |
| 2603 |              |       | 408620.63 | 1245696.8  |
|      | 26° 8' 34"   | 381.8 |           |            |
| 2604 |              |       | 408963.4  | 1245865.04 |
|      | 310° 20' 8"  | 212.7 |           |            |
| 2605 |              |       | 409101.07 | 1245702.91 |
|      | 349° 15' 31" | 283.1 |           |            |
| 2606 |              |       | 409379.2  | 1245650.15 |
|      | 272° 11' 53" | 164   |           |            |
| 2607 |              |       | 409385.49 | 1245486.28 |
|      | 341° 36' 8"  | 121.7 |           |            |
| 2608 |              |       | 409501    | 1245447.86 |
|      | 92° 36' 3"   | 242.8 |           |            |
| 2609 |              |       | 409489.98 | 1245690.45 |
|      | 321° 40' 48" | 174.3 |           |            |
| 2610 |              |       | 409626.71 | 1245582.39 |
|      | 49° 58' 8"   | 216   |           |            |
| 2611 |              |       | 409765.65 | 1245747.79 |
|      | 54° 50' 33"  | 57.6  |           |            |
| 2612 |              |       | 409798.83 | 1245794.9  |
|      | 135° 0' 0"   | 169.3 |           |            |
| 2613 |              |       | 409679.09 | 1245914.64 |
|      | 41° 57' 24"  | 263.7 |           |            |

|      |              |       |           |            |
|------|--------------|-------|-----------|------------|
| 2614 |              |       | 409875.2  | 1246090.95 |
|      | 324° 20' 12" | 180   |           |            |
| 2615 |              |       | 410021.48 | 1245985.98 |
|      | 342° 28' 52" | 146.2 |           |            |
| 2616 |              |       | 410160.87 | 1245941.98 |
|      | 18° 6' 39"   | 157.7 |           |            |
| 2617 |              |       | 410310.78 | 1245991.01 |
|      | 262° 11' 31" | 86.8  |           |            |
| 2618 |              |       | 410298.99 | 1245905.03 |
|      | 262° 11' 50" | 100.7 |           |            |
| 2619 |              |       | 410285.32 | 1245805.27 |
|      | 231° 58' 45" | 65.8  |           |            |
| 2620 |              |       | 410244.78 | 1245753.42 |
|      | 248° 16' 58" | 124.8 |           |            |
| 2621 |              |       | 410198.59 | 1245637.45 |
|      | 295° 46' 51" | 153.9 |           |            |
| 2622 |              |       | 410265.53 | 1245498.86 |
|      | 247° 58' 24" | 344   |           |            |
| 2623 |              |       | 410136.53 | 1245180    |
|      | 247° 58' 25" | 146.3 |           |            |
| 2624 |              |       | 410081.68 | 1245044.42 |
|      | 232° 43' 29" | 267.8 |           |            |
| 2625 |              |       | 409919.51 | 1244831.35 |
|      | 239° 27' 9"  | 66.8  |           |            |
| 2626 |              |       | 409885.57 | 1244773.84 |
|      | 212° 38' 32" | 99.6  |           |            |
| 2627 |              |       | 409801.66 | 1244720.09 |
|      | 242° 5' 14"  | 197.4 |           |            |
| 2628 |              |       | 409709.26 | 1244545.67 |
|      | 203° 57' 28" | 65    |           |            |
| 2629 |              |       | 409649.87 | 1244519.28 |
|      | 199° 47' 29" | 23.2  |           |            |
| 2630 |              |       | 409628    | 1244511.41 |
|      | 273° 48' 24" | 20.6  |           |            |
| 2631 |              |       | 409629.37 | 1244490.82 |
|      | 302° 28' 59" | 119.7 |           |            |
| 2632 |              |       | 409693.66 | 1244389.84 |
|      | 262° 23' 2"  | 116   |           |            |
| 2633 |              |       | 409678.29 | 1244274.89 |
|      | 285° 13' 23" | 252.3 |           |            |
| 2634 |              |       | 409744.54 | 1244031.44 |
|      | 282° 30' 19" | 133.4 |           |            |
| 2635 |              |       | 409773.42 | 1243901.23 |
|      | 357° 37' 14" | 148.4 |           |            |
| 2636 |              |       | 409921.67 | 1243895.07 |
|      | 290° 9' 3"   | 567.5 |           |            |
| 2637 |              |       | 410117.16 | 1243362.34 |
|      | 234° 25' 18" | 231.7 |           |            |
| 2638 |              |       | 409982.38 | 1243173.93 |
|      | 301° 32' 33" | 49.2  |           |            |
| 2639 |              |       | 410008.13 | 1243131.98 |
|      | 291° 13' 54" | 52.1  |           |            |
| 2640 |              |       | 410027    | 1243083.41 |
|      | 275° 14' 37" | 30.5  |           |            |
| 2641 |              |       | 410029.79 | 1243053.01 |
|      | 244° 34' 31" | 23.6  |           |            |
| 2642 |              |       | 410019.66 | 1243031.7  |
|      | 212° 43' 41" | 29.1  |           |            |
| 2643 |              |       | 409995.2  | 1243015.98 |
|      | 192° 2' 11"  | 46.1  |           |            |

|      |              |      |           |            |
|------|--------------|------|-----------|------------|
| 2644 |              |      | 409950.13 | 1243006.37 |
|      | 206° 43' 47" | 26.4 |           |            |
| 2645 |              |      | 409926.54 | 1242994.49 |
|      | 223° 57' 14" | 20.1 |           |            |
| 2646 |              |      | 409912.04 | 1242980.51 |
|      | 244° 54' 25" | 21.4 |           |            |
| 2647 |              |      | 409902.96 | 1242961.12 |
|      | 264° 59' 25" | 28.1 |           |            |
| 2648 |              |      | 409900.51 | 1242933.17 |
|      | 285° 36' 49" | 12.3 |           |            |
| 2649 |              |      | 409903.83 | 1242921.29 |
|      | 316° 58' 1"  | 17.9 |           |            |
| 2650 |              |      | 409916.93 | 1242909.06 |
|      | 349° 39' 25" | 28.2 |           |            |
| 2651 |              |      | 409944.71 | 1242903.99 |
|      | 357° 58' 40" | 64.3 |           |            |
| 2652 |              |      | 410009    | 1242901.72 |
|      | 347° 31' 0"  | 21.8 |           |            |
| 2653 |              |      | 410030.32 | 1242897    |
|      | 318° 16' 40" | 10.8 |           |            |
| 2654 |              |      | 410038.35 | 1242889.84 |
|      | 264° 56' 52" | 13.9 |           |            |
| 2655 |              |      | 410037.13 | 1242876.04 |
|      | 231° 20' 24" | 21.3 |           |            |
| 2656 |              |      | 410023.85 | 1242859.44 |
|      | 212° 6' 10"  | 34.8 |           |            |
| 2657 |              |      | 409994.33 | 1242840.92 |
|      | 222° 8' 18"  | 27.3 |           |            |
| 2658 |              |      | 409974.06 | 1242822.58 |
|      | 246° 30' 23" | 26.3 |           |            |
| 2659 |              |      | 409963.58 | 1242798.47 |
|      | 268° 41' 17" | 22.7 |           |            |
| 2660 |              |      | 409963.06 | 1242775.76 |
|      | 289° 47' 52" | 20.6 |           |            |
| 2661 |              |      | 409970.04 | 1242756.37 |
|      | 323° 0' 27"  | 16.9 |           |            |
| 2662 |              |      | 409983.5  | 1242746.23 |
|      | 353° 29' 44" | 20   |           |            |
| 2663 |              |      | 410003.41 | 1242743.96 |
|      | 16° 32' 9"   | 28.2 |           |            |
| 2664 |              |      | 410030.49 | 1242752    |
|      | 26° 57' 33"  | 22.7 |           |            |
| 2665 |              |      | 410050.76 | 1242762.31 |
|      | 37° 35' 32"  | 44.1 |           |            |
| 2666 |              |      | 410085.7  | 1242789.21 |
|      | 5° 52' 7"    | 13.7 |           |            |
| 2667 |              |      | 410099.32 | 1242790.61 |
|      | 322° 31' 54" | 13.2 |           |            |
| 2668 |              |      | 410109.81 | 1242782.57 |
|      | 291° 30' 50" | 26.7 |           |            |
| 2669 |              |      | 410119.59 | 1242757.76 |
|      | 265° 25' 50" | 43.8 |           |            |
| 2670 |              |      | 410116.1  | 1242714.09 |
|      | 269° 31' 18" | 41.9 |           |            |
| 2671 |              |      | 410115.75 | 1242672.16 |
|      | 280° 52' 6"  | 53.7 |           |            |
| 2672 |              |      | 410125.88 | 1242619.4  |
|      | 273° 11' 5"  | 31.5 |           |            |
| 2673 |              |      | 410127.63 | 1242587.95 |
|      | 246° 55' 20" | 20.5 |           |            |



|      |              |       |           |            |
|------|--------------|-------|-----------|------------|
| 2674 |              |       | 410119.59 | 1242569.08 |
|      | 201° 21' 41" | 25.9  |           |            |
| 2675 |              |       | 410095.48 | 1242559.65 |
|      | 176° 53' 3"  | 32.2  |           |            |
| 2676 |              |       | 410063.33 | 1242561.4  |
|      | 142° 15' 5"  | 27.4  |           |            |
| 2677 |              |       | 410041.67 | 1242578.17 |
|      | 128° 51' 49" | 60.1  |           |            |
| 2678 |              |       | 410003.94 | 1242624.99 |
|      | 145° 1' 28"  | 25.6  |           |            |
| 2679 |              |       | 409982.97 | 1242639.66 |
|      | 166° 44' 16" | 24.4  |           |            |
| 2680 |              |       | 409959.21 | 1242645.26 |
|      | 182° 19' 32" | 51.8  |           |            |
| 2681 |              |       | 409907.5  | 1242643.16 |
|      | 195° 38' 14" | 18.1  |           |            |
| 2682 |              |       | 409890.03 | 1242638.27 |
|      | 218° 8' 48"  | 18.7  |           |            |
| 2683 |              |       | 409875.35 | 1242626.74 |
|      | 242° 17' 26" | 23.3  |           |            |
| 2684 |              |       | 409864.52 | 1242606.12 |
|      | 262° 2' 56"  | 17.6  |           |            |
| 2685 |              |       | 409862.08 | 1242588.65 |
|      | 286° 47' 44" | 19.3  |           |            |
| 2686 |              |       | 409867.67 | 1242570.13 |
|      | 299° 31' 32" | 45.4  |           |            |
| 2687 |              |       | 409890.03 | 1242530.65 |
|      | 293° 40' 58" | 43.5  |           |            |
| 2688 |              |       | 409907.5  | 1242490.82 |
|      | 260° 15' 19" | 22.7  |           |            |
| 2689 |              |       | 409903.66 | 1242468.46 |
|      | 236° 52' 5"  | 49.2  |           |            |
| 2690 |              |       | 409876.75 | 1242427.23 |
|      | 226° 39' 59" | 59.6  |           |            |
| 2691 |              |       | 409835.87 | 1242383.9  |
|      | 204° 58' 16" | 28.1  |           |            |
| 2692 |              |       | 409810.36 | 1242372.02 |
|      | 177° 2' 2"   | 40.6  |           |            |
| 2693 |              |       | 409769.83 | 1242374.12 |
|      | 168° 49' 19" | 63    |           |            |
| 2694 |              |       | 409707.99 | 1242386.34 |
|      | 177° 5' 44"  | 35.5  |           |            |
| 2695 |              |       | 409672.51 | 1242388.14 |
|      | 229° 23' 14" | 60.4  |           |            |
| 2696 |              |       | 409633.22 | 1242342.32 |
|      | 217° 46' 45" | 53.1  |           |            |
| 2697 |              |       | 409591.29 | 1242309.82 |
|      | 226° 25' 25" | 61.2  |           |            |
| 2698 |              |       | 409549.11 | 1242265.49 |
|      | 242° 2' 10"  | 87.4  |           |            |
| 2699 |              |       | 409508.13 | 1242188.3  |
|      | 253° 55' 26" | 250.8 |           |            |
| 2700 |              |       | 409438.67 | 1241947.27 |
|      | 249° 0' 26"  | 25.7  |           |            |
| 2701 |              |       | 409429.48 | 1241923.32 |
|      | 130° 42' 54" | 68.2  |           |            |
| 2702 |              |       | 409384.97 | 1241975.04 |
|      | 177° 4' 25"  | 23.7  |           |            |
| 2703 |              |       | 409361.3  | 1241976.25 |
|      | 200° 24' 48" | 31.5  |           |            |

|      |              |       |           |            |
|------|--------------|-------|-----------|------------|
| 2704 |              |       | 409331.77 | 1241965.26 |
|      | 242° 19' 33" | 155.8 |           |            |
| 2705 |              |       | 409259.43 | 1241827.32 |
|      | 314° 10' 47" | 147.2 |           |            |
| 2706 |              |       | 409362.03 | 1241721.74 |
|      | 329° 30' 55" | 162.6 |           |            |
| 2707 |              |       | 409502.14 | 1241639.26 |
|      | 1° 44' 0"    | 15.9  |           |            |
| 2708 |              |       | 409518    | 1241639.74 |
|      | 342° 38' 17" | 207.5 |           |            |
| 2709 |              |       | 409716.08 | 1241577.81 |
|      | 280° 37' 39" | 43.5  |           |            |
| 2710 |              |       | 409724.1  | 1241535.07 |
|      | 345° 40' 48" | 64.2  |           |            |
| 2711 |              |       | 409786.31 | 1241519.19 |
|      | 345° 40' 38" | 14.1  |           |            |
| 2712 |              |       | 409799.94 | 1241515.71 |
|      | 259° 34' 17" | 18.2  |           |            |
| 2713 |              |       | 409796.64 | 1241497.78 |
|      | 259° 33' 26" | 20.5  |           |            |
| 2714 |              |       | 409792.93 | 1241477.65 |
|      | 259° 34' 32" | 5.6   |           |            |
| 2715 |              |       | 409791.92 | 1241472.16 |
|      | 165° 29' 30" | 74.8  |           |            |
| 2716 |              |       | 409719.5  | 1241490.9  |
|      | 234° 27' 44" | 6     |           |            |
| 2717 |              |       | 409716    | 1241486    |
|      | 226° 54' 32" | 8.5   |           |            |
| 2718 |              |       | 409710.2  | 1241479.8  |
|      | 208° 57' 16" | 50.6  |           |            |
| 2719 |              |       | 409665.9  | 1241455.29 |
|      | 230° 44' 28" | 67.1  |           |            |
| 2720 |              |       | 409623.45 | 1241403.35 |
|      | 231° 6' 36"  | 77.8  |           |            |
| 2721 |              |       | 409574.61 | 1241342.8  |
|      | 229° 27' 10" | 112.6 |           |            |
| 2722 |              |       | 409501.43 | 1241257.26 |
|      | 152° 35' 51" | 68.6  |           |            |
| 2723 |              |       | 409440.57 | 1241288.81 |
|      | 153° 8' 47"  | 167.9 |           |            |
| 2724 |              |       | 409290.78 | 1241364.65 |
|      | 152° 45' 46" | 313.4 |           |            |
| 2725 |              |       | 409012.1  | 1241508.1  |
|      | 152° 53' 24" | 299.1 |           |            |
| 2726 |              |       | 408745.9  | 1241644.38 |
|      | 201° 42' 18" | 367.9 |           |            |
| 2727 |              |       | 408404.06 | 1241508.31 |
|      | 202° 55' 43" | 301.7 |           |            |
| 2728 |              |       | 408126.17 | 1241390.76 |
|      | 200° 13' 8"  | 226   |           |            |
| 2729 |              |       | 407914.09 | 1241312.65 |
|      | 226° 19' 19" | 160.3 |           |            |
| 2730 |              |       | 407803.39 | 1241196.72 |
|      | 224° 2' 2"   | 356.1 |           |            |
| 2731 |              |       | 407547.36 | 1240949.18 |
|      | 237° 15' 34" | 409.2 |           |            |
| 2732 |              |       | 407326.07 | 1240605.02 |
|      | 239° 25' 1"  | 263.9 |           |            |
| 2733 |              |       | 407191.79 | 1240377.81 |
|      | 240° 34' 57" | 278.2 |           |            |

|      |              |         |           |            |
|------|--------------|---------|-----------|------------|
| 2734 |              |         | 407055.17 | 1240135.52 |
|      | 240° 35' 15" | 268.4   |           |            |
| 2735 |              |         | 406923.37 | 1239901.73 |
|      | 240° 35' 13" | 258.5   |           |            |
| 2736 |              |         | 406796.42 | 1239676.55 |
|      | 240° 9' 55"  | 243.2   |           |            |
| 2737 |              |         | 406675.45 | 1239465.62 |
|      | 240° 5' 25"  | 1 069.7 |           |            |
| 2738 |              |         | 406142.07 | 1238538.4  |
|      | 219° 12' 52" | 351.8   |           |            |
| 2739 |              |         | 405869.51 | 1238315.99 |
|      | 219° 45' 33" | 19      |           |            |
| 2740 |              |         | 405854.87 | 1238303.81 |
|      | 222° 58' 13" | 127.8   |           |            |
| 2741 |              |         | 405761.37 | 1238216.71 |
|      | 219° 25' 3"  | 487.8   |           |            |
| 2742 |              |         | 405384.51 | 1237906.96 |
|      | 220° 20' 16" | 453.1   |           |            |
| 2743 |              |         | 405039.15 | 1237613.68 |
|      | 219° 37' 19" | 4       |           |            |
| 2744 |              |         | 405036.07 | 1237611.13 |
|      | 219° 22' 5"  | 1 201.3 |           |            |
| 2745 |              |         | 404107.36 | 1236849.14 |
|      | 132° 40' 48" | 704.7   |           |            |
| 2746 |              |         | 403629.66 | 1237367.18 |
|      | 230° 24' 40" | 555.1   |           |            |
| 2747 |              |         | 403275.92 | 1236939.41 |
|      | 224° 21' 3"  | 129.2   |           |            |
| 2748 |              |         | 403183.52 | 1236849.08 |
|      | 226° 27' 53" | 193.6   |           |            |
| 2749 |              |         | 403050.16 | 1236708.72 |
|      | 225° 51' 8"  | 49      |           |            |
| 2750 |              |         | 403016.06 | 1236673.59 |
|      | 225° 50' 51" | 65.5    |           |            |
| 2751 |              |         | 402970.44 | 1236626.6  |
|      | 219° 8' 35"  | 49.6    |           |            |
| 2752 |              |         | 402931.96 | 1236595.28 |
|      | 310° 10' 19" | 24      |           |            |
| 2753 |              |         | 402947.46 | 1236576.92 |
|      | 296° 21' 48" | 295     |           |            |
| 2754 |              |         | 403078.44 | 1236312.64 |
|      | 288° 35' 13" | 23.8    |           |            |
| 2755 |              |         | 403086.03 | 1236290.07 |
|      | 295° 40' 6"  | 302.9   |           |            |
| 2756 |              |         | 403217.25 | 1236017.03 |
|      | 297° 57' 29" | 15.6    |           |            |
| 2757 |              |         | 403224.58 | 1236003.22 |
|      | 297° 2' 7"   | 406.3   |           |            |
| 2758 |              |         | 403409.28 | 1235641.28 |
|      | 305° 30' 35" | 83.4    |           |            |
| 2759 |              |         | 403457.73 | 1235573.38 |
|      | 311° 21' 17" | 498.8   |           |            |
| 2760 |              |         | 403787.32 | 1235198.94 |
|      | 319° 39' 3"  | 86.7    |           |            |
| 2761 |              |         | 403853.38 | 1235142.82 |
|      | 314° 42' 26" | 62.3    |           |            |
| 2762 |              |         | 403897.19 | 1235098.56 |
|      | 312° 19' 26" | 16.8    |           |            |
| 2763 |              |         | 403908.51 | 1235086.13 |
|      | 314° 6' 34"  | 23.2    |           |            |

|      |              |         |           |            |
|------|--------------|---------|-----------|------------|
| 2764 |              |         | 403924.66 | 1235069.47 |
|      | 310° 59' 51" | 90.8    |           |            |
| 2765 |              |         | 403984.21 | 1235000.96 |
|      | 308° 52' 10" | 127.1   |           |            |
| 2766 |              |         | 404063.95 | 1234902.03 |
|      | 294° 30' 13" | 84.8    |           |            |
| 2767 |              |         | 404099.12 | 1234824.87 |
|      | 301° 16' 23" | 38.4    |           |            |
| 2768 |              |         | 404119.06 | 1234792.04 |
|      | 287° 59' 17" | 28.4    |           |            |
| 2769 |              |         | 404127.83 | 1234765.03 |
|      | 305° 30' 16" | 22.2    |           |            |
| 2770 |              |         | 404140.7  | 1234746.99 |
|      | 296° 57' 42" | 145.3   |           |            |
| 2771 |              |         | 404206.58 | 1234617.48 |
|      | 294° 50' 5"  | 126.9   |           |            |
| 2772 |              |         | 404259.89 | 1234502.29 |
|      | 295° 10' 55" | 267     |           |            |
| 2773 |              |         | 404373.51 | 1234260.64 |
|      | 295° 27' 0"  | 524.5   |           |            |
| 2774 |              |         | 404598.92 | 1233787    |
|      | 335° 14' 52" | 1 480.9 |           |            |
| 2775 |              |         | 405943.76 | 1233166.96 |
|      | 260° 19' 32" | 416.3   |           |            |
| 2776 |              |         | 405873.8  | 1232756.57 |
|      | 273° 33' 31" | 1 296.9 |           |            |
| 2777 |              |         | 405954.3  | 1231462.2  |
|      | 264° 15' 36" | 97      |           |            |
| 2778 |              |         | 405944.6  | 1231365.7  |
|      | 227° 48' 28" | 155.9   |           |            |
| 2779 |              |         | 405839.9  | 1231250.2  |
|      | 224° 1' 46"  | 187.9   |           |            |
| 2780 |              |         | 405704.8  | 1231119.6  |
|      | 215° 8' 17"  | 17      |           |            |
| 2781 |              |         | 405690.89 | 1231109.81 |
|      | 224° 5' 52"  | 451.4   |           |            |
| 2782 |              |         | 405366.71 | 1230795.68 |
|      | 222° 25' 16" | 380     |           |            |
| 2783 |              |         | 405086.17 | 1230539.32 |
|      | 306° 44' 35" | 791.2   |           |            |
| 2784 |              |         | 405559.5  | 1229905.3  |
|      | 306° 40' 34" | 325.3   |           |            |
| 2785 |              |         | 405753.8  | 1229644.4  |
|      | 302° 13' 26" | 419.5   |           |            |
| 2786 |              |         | 405977.5  | 1229289.5  |
|      | 300° 29' 59" | 8.5     |           |            |
| 2787 |              |         | 405981.8  | 1229282.2  |
|      | 305° 31' 37" | 119.8   |           |            |
| 2788 |              |         | 406051.43 | 1229184.68 |
|      | 306° 17' 17" | 114.5   |           |            |
| 2789 |              |         | 406119.18 | 1229092.41 |
|      | 208° 18' 2"  | 1.5     |           |            |
| 2790 |              |         | 406117.88 | 1229091.71 |
|      | 200° 42' 44" | 155.3   |           |            |
| 2791 |              |         | 405972.66 | 1229036.8  |
|      | 202° 9' 30"  | 32.2    |           |            |
| 2792 |              |         | 405942.85 | 1229024.66 |
|      | 200° 32' 55" | 130.1   |           |            |
| 2793 |              |         | 405820.99 | 1228978.98 |
|      | 201° 4' 49"  | 80.7    |           |            |

|      |              |       |           |            |
|------|--------------|-------|-----------|------------|
| 2794 |              |       | 405745.68 | 1228949.95 |
|      | 200° 18' 56" | 204.5 |           |            |
| 2795 |              |       | 405553.93 | 1228878.96 |
|      | 200° 34' 15" | 197.2 |           |            |
| 2796 |              |       | 405369.33 | 1228809.68 |
|      | 194° 35' 38" | 163.9 |           |            |
| 2797 |              |       | 405210.71 | 1228768.38 |
|      | 195° 21' 17" | 188.7 |           |            |
| 2798 |              |       | 405028.77 | 1228718.42 |
|      | 193° 9' 16"  | 51.5  |           |            |
| 2799 |              |       | 404978.58 | 1228706.69 |
|      | 208° 9' 48"  | 43.8  |           |            |
| 2800 |              |       | 404939.99 | 1228686.03 |
|      | 291° 14' 38" | 18.3  |           |            |
| 2801 |              |       | 404946.63 | 1228668.95 |
|      | 201° 34' 53" | 74    |           |            |
| 2802 |              |       | 404877.79 | 1228641.72 |
|      | 160° 20' 49" | 42    |           |            |
| 2803 |              |       | 404838.28 | 1228655.83 |
|      | 225° 0' 0"   | 142   |           |            |
| 2804 |              |       | 404737.89 | 1228555.44 |
|      | 217° 23' 57" | 40.7  |           |            |
| 2805 |              |       | 404705.57 | 1228530.73 |
|      | 288° 21' 3"  | 381.4 |           |            |
| 2806 |              |       | 404825.66 | 1228168.69 |
|      | 344° 7' 27"  | 19.2  |           |            |
| 2807 |              |       | 404844.12 | 1228163.44 |
|      | 14° 33' 44"  | 33    |           |            |
| 2808 |              |       | 404876.07 | 1228171.74 |
|      | 310° 22' 39" | 41.7  |           |            |
| 2809 |              |       | 404903.07 | 1228139.99 |
|      | 345° 10' 20" | 148.6 |           |            |
| 2810 |              |       | 405046.69 | 1228101.97 |
|      | 359° 45' 53" | 58.5  |           |            |
| 2811 |              |       | 405105.16 | 1228101.73 |
|      | 273° 37' 6"  | 96.5  |           |            |
| 2812 |              |       | 405111.25 | 1228005.43 |
|      | 270° 52' 42" | 232.8 |           |            |
| 2813 |              |       | 405114.82 | 1227772.62 |
|      | 268° 52' 15" | 44.1  |           |            |
| 2814 |              |       | 405113.95 | 1227728.48 |
|      | 275° 38' 30" | 55.6  |           |            |
| 2815 |              |       | 405119.42 | 1227673.11 |
|      | 284° 47' 29" | 140.6 |           |            |
| 2816 |              |       | 405155.31 | 1227537.19 |
|      | 327° 0' 9"   | 30.1  |           |            |
| 2817 |              |       | 405180.52 | 1227520.82 |
|      | 10° 20' 46"  | 155.6 |           |            |
| 2818 |              |       | 405333.56 | 1227548.76 |
|      | 13° 38' 1"   | 65.2  |           |            |
| 2819 |              |       | 405396.97 | 1227564.14 |
|      | 285° 56' 6"  | 61    |           |            |
| 2820 |              |       | 405413.73 | 1227505.44 |
|      | 285° 18' 13" | 722.1 |           |            |
| 2821 |              |       | 405604.31 | 1226808.97 |
|      | 285° 33' 14" | 147   |           |            |
| 2822 |              |       | 405643.74 | 1226667.31 |
|      | 284° 32' 20" | 74.3  |           |            |
| 2823 |              |       | 405662.4  | 1226595.36 |
|      | 285° 10' 46" | 181.8 |           |            |

|      |              |       |           |            |
|------|--------------|-------|-----------|------------|
| 2824 |              |       | 405710.01 | 1226419.88 |
|      | 286° 10' 1"  | 166.9 |           |            |
| 2825 |              |       | 405756.47 | 1226259.62 |
|      | 281° 12' 26" | 37.3  |           |            |
| 2826 |              |       | 405763.71 | 1226223.08 |
|      | 287° 31' 24" | 142.9 |           |            |
| 2827 |              |       | 405806.74 | 1226086.8  |
|      | 285° 12' 27" | 177.1 |           |            |
| 2828 |              |       | 405853.2  | 1225915.89 |
|      | 284° 53' 53" | 111.1 |           |            |
| 2829 |              |       | 405881.76 | 1225808.54 |
|      | 285° 11' 37" | 142.4 |           |            |
| 2830 |              |       | 405919.08 | 1225671.12 |
|      | 285° 26' 21" | 151.6 |           |            |
| 2831 |              |       | 405959.45 | 1225524.95 |
|      | 284° 33' 24" | 51.5  |           |            |
| 2832 |              |       | 405972.4  | 1225475.08 |
|      | 283° 27' 56" | 109.6 |           |            |
| 2833 |              |       | 405997.92 | 1225368.5  |
|      | 282° 30' 20" | 86.2  |           |            |
| 2834 |              |       | 406016.58 | 1225284.37 |
|      | 283° 50' 36" | 108.2 |           |            |
| 2835 |              |       | 406042.47 | 1225179.31 |
|      | 281° 17' 2"  | 30.4  |           |            |
| 2836 |              |       | 406048.42 | 1225149.49 |
|      | 283° 13' 14" | 73.1  |           |            |
| 2837 |              |       | 406065.14 | 1225078.32 |
|      | 165° 44' 9"  | 258.7 |           |            |
| 2838 |              |       | 405814.46 | 1225142.05 |
|      | 188° 36' 51" | 115.6 |           |            |
| 2839 |              |       | 405700.13 | 1225124.73 |
|      | 192° 51' 50" | 135.9 |           |            |
| 2840 |              |       | 405567.67 | 1225094.48 |
|      | 206° 6' 5"   | 41.5  |           |            |
| 2841 |              |       | 405530.44 | 1225076.24 |
|      | 217° 4' 12"  | 45.2  |           |            |
| 2842 |              |       | 405494.37 | 1225048.99 |
|      | 199° 36' 11" | 40.3  |           |            |
| 2843 |              |       | 405456.38 | 1225035.46 |
|      | 222° 45' 55" | 37.5  |           |            |
| 2844 |              |       | 405428.82 | 1225009.97 |
|      | 195° 58' 34" | 68.8  |           |            |
| 2845 |              |       | 405362.63 | 1224991.02 |
|      | 202° 58' 14" | 94.1  |           |            |
| 2846 |              |       | 405276    | 1224954.3  |
|      | 195° 49' 9"  | 91.2  |           |            |
| 2847 |              |       | 405188.26 | 1224929.44 |
|      | 203° 42' 9"  | 13    |           |            |
| 2848 |              |       | 405176.37 | 1224924.22 |
|      | 204° 13' 39" | 19.3  |           |            |
| 2849 |              |       | 405158.77 | 1224916.3  |
|      | 188° 58' 21" | 16.9  |           |            |
| 2850 |              |       | 405142.05 | 1224913.66 |
|      | 212° 0' 19"  | 24.9  |           |            |
| 2851 |              |       | 405120.93 | 1224900.46 |
|      | 205° 46' 9"  | 28.3  |           |            |
| 2852 |              |       | 405095.41 | 1224888.14 |
|      | 171° 11' 40" | 16.9  |           |            |
| 2853 |              |       | 405078.69 | 1224890.73 |
|      | 161° 27' 23" | 25.1  |           |            |

|      |              |       |           |            |
|------|--------------|-------|-----------|------------|
| 2854 |              |       | 405054.93 | 1224898.7  |
|      | 184° 14' 11" | 23.8  |           |            |
| 2855 |              |       | 405031.17 | 1224896.94 |
|      | 203° 11' 54" | 46.9  |           |            |
| 2856 |              |       | 404988.05 | 1224878.46 |
|      | 200° 46' 20" | 54.6  |           |            |
| 2857 |              |       | 404937.01 | 1224859.1  |
|      | 288° 53' 9"  | 35.3  |           |            |
| 2858 |              |       | 404948.45 | 1224825.66 |
|      | 288° 50' 1"  | 42.7  |           |            |
| 2859 |              |       | 404962.24 | 1224785.23 |
|      | 287° 23' 29" | 98.1  |           |            |
| 2860 |              |       | 404991.57 | 1224691.59 |
|      | 286° 37' 27" | 129.1 |           |            |
| 2861 |              |       | 405028.51 | 1224567.87 |
|      | 285° 12' 28" | 108.9 |           |            |
| 2862 |              |       | 405057.07 | 1224462.81 |
|      | 287° 58' 5"  | 116   |           |            |
| 2863 |              |       | 405092.87 | 1224352.42 |
|      | 288° 57' 52" | 118.3 |           |            |
| 2864 |              |       | 405131.33 | 1224240.5  |
|      | 289° 51' 12" | 161.5 |           |            |
| 2865 |              |       | 405186.17 | 1224088.62 |
|      | 288° 34' 54" | 148.2 |           |            |
| 2866 |              |       | 405233.39 | 1223948.16 |
|      | 289° 0' 14"  | 171.9 |           |            |
| 2867 |              |       | 405289.37 | 1223785.62 |
|      | 289° 58' 17" | 88.4  |           |            |
| 2868 |              |       | 405319.58 | 1223702.49 |
|      | 289° 21' 43" | 29.3  |           |            |
| 2869 |              |       | 405329.3  | 1223674.83 |
|      | 287° 23' 11" | 22.1  |           |            |
| 2870 |              |       | 405335.91 | 1223653.72 |
|      | 287° 24' 21" | 17.8  |           |            |
| 2871 |              |       | 405341.23 | 1223636.75 |
|      | 287° 23' 52" | 62.2  |           |            |
| 2872 |              |       | 405359.83 | 1223577.39 |
|      | 271° 4' 23"  | 26.7  |           |            |
| 2873 |              |       | 405360.33 | 1223550.7  |
|      | 271° 4' 58"  | 30.7  |           |            |
| 2874 |              |       | 405360.91 | 1223520.02 |
|      | 271° 4' 49"  | 23.3  |           |            |
| 2875 |              |       | 405361.35 | 1223496.69 |
|      | 5° 13' 22"   | 142.3 |           |            |
| 2876 |              |       | 405503.02 | 1223509.64 |
|      | 274° 42' 42" | 105.4 |           |            |
| 2877 |              |       | 405511.68 | 1223404.57 |
|      | 275° 50' 14" | 201.3 |           |            |
| 2878 |              |       | 405532.15 | 1223204.35 |
|      | 275° 10' 34" | 274.4 |           |            |
| 2879 |              |       | 405556.91 | 1222931.03 |
|      | 275° 28' 37" | 322.2 |           |            |
| 2880 |              |       | 405587.66 | 1222610.33 |
|      | 275° 56' 36" | 343.3 |           |            |
| 2881 |              |       | 405623.21 | 1222268.85 |
|      | 275° 56' 28" | 189.1 |           |            |
| 2882 |              |       | 405642.78 | 1222080.8  |
|      | 275° 56' 6"  | 341.6 |           |            |
| 2883 |              |       | 405678.1  | 1221741.06 |
|      | 275° 51' 47" | 306.7 |           |            |

|      |              |       |           |            |
|------|--------------|-------|-----------|------------|
| 2884 |              |       | 405709.43 | 1221435.97 |
|      | 275° 35' 33" | 112.7 |           |            |
| 2885 |              |       | 405720.41 | 1221323.84 |
|      | 276° 7' 21"  | 34.9  |           |            |
| 2886 |              |       | 405724.13 | 1221289.16 |
|      | 276° 6' 27"  | 33.5  |           |            |
| 2887 |              |       | 405727.69 | 1221255.89 |
|      | 199° 6' 44"  | 53    |           |            |
| 2888 |              |       | 405677.65 | 1221238.55 |
|      | 210° 44' 46" | 56    |           |            |
| 2889 |              |       | 405629.52 | 1221209.92 |
|      | 194° 50' 10" | 38.4  |           |            |
| 2890 |              |       | 405592.41 | 1221200.09 |
|      | 182° 16' 18" | 30.5  |           |            |
| 2891 |              |       | 405561.91 | 1221198.88 |
|      | 158° 59' 18" | 47.7  |           |            |
| 2892 |              |       | 405517.39 | 1221215.98 |
|      | 129° 54' 21" | 94.2  |           |            |
| 2893 |              |       | 405456.95 | 1221288.25 |
|      | 139° 38' 38" | 35.7  |           |            |
| 2894 |              |       | 405429.73 | 1221311.38 |
|      | 161° 10' 16" | 53.4  |           |            |
| 2895 |              |       | 405379.23 | 1221328.6  |
|      | 179° 27' 19" | 35.8  |           |            |
| 2896 |              |       | 405343.46 | 1221328.94 |
|      | 190° 4' 50"  | 22.9  |           |            |
| 2897 |              |       | 405320.96 | 1221324.94 |
|      | 206° 0' 22"  | 47.2  |           |            |
| 2898 |              |       | 405278.51 | 1221304.23 |
|      | 230° 17' 25" | 51.2  |           |            |
| 2899 |              |       | 405245.78 | 1221264.82 |
|      | 239° 45' 5"  | 36.3  |           |            |
| 2900 |              |       | 405227.51 | 1221233.49 |
|      | 247° 59' 29" | 55    |           |            |
| 2901 |              |       | 405206.9  | 1221182.5  |
|      | 234° 57' 33" | 32.8  |           |            |
| 2902 |              |       | 405188.05 | 1221155.62 |
|      | 203° 37' 39" | 40.7  |           |            |
| 2903 |              |       | 405150.79 | 1221139.32 |
|      | 189° 26' 44" | 85.5  |           |            |
| 2904 |              |       | 405066.46 | 1221125.29 |
|      | 185° 17' 16" | 73.8  |           |            |
| 2905 |              |       | 404992.99 | 1221118.49 |
|      | 176° 58' 5"  | 62.2  |           |            |
| 2906 |              |       | 404930.87 | 1221121.78 |
|      | 165° 39' 36" | 70.5  |           |            |
| 2907 |              |       | 404862.61 | 1221139.23 |
|      | 141° 12' 3"  | 31.5  |           |            |
| 2908 |              |       | 404838.07 | 1221158.96 |
|      | 111° 11' 25" | 64.1  |           |            |
| 2909 |              |       | 404814.91 | 1221218.7  |
|      | 122° 39' 6"  | 24.8  |           |            |
| 2910 |              |       | 404801.53 | 1221239.58 |
|      | 140° 27' 57" | 22.4  |           |            |
| 2911 |              |       | 404784.24 | 1221253.85 |
|      | 157° 45' 16" | 76.2  |           |            |
| 2912 |              |       | 404713.73 | 1221282.69 |
|      | 162° 26' 22" | 42.1  |           |            |
| 2913 |              |       | 404673.63 | 1221295.38 |
|      | 179° 50' 37" | 33    |           |            |



|      |              |       |           |            |
|------|--------------|-------|-----------|------------|
| 2914 |              |       | 404640.63 | 1221295.47 |
|      | 205° 13' 48" | 97.3  |           |            |
| 2915 |              |       | 404552.58 | 1221253.98 |
|      | 169° 8' 37"  | 57.7  |           |            |
| 2916 |              |       | 404495.9  | 1221264.85 |
|      | 156° 16' 46" | 33.9  |           |            |
| 2917 |              |       | 404464.88 | 1221278.48 |
|      | 143° 49' 44" | 30.8  |           |            |
| 2918 |              |       | 404440    | 1221296.67 |
|      | 128° 39' 23" | 55.8  |           |            |
| 2919 |              |       | 404405.14 | 1221340.25 |
|      | 116° 29' 46" | 152.5 |           |            |
| 2920 |              |       | 404337.11 | 1221476.72 |
|      | 141° 44' 10" | 37.5  |           |            |
| 2921 |              |       | 404307.67 | 1221499.94 |
|      | 156° 40' 17" | 24.3  |           |            |
| 2922 |              |       | 404285.34 | 1221509.57 |
|      | 179° 14' 48" | 92    |           |            |
| 2923 |              |       | 404193.3  | 1221510.78 |
|      | 193° 14' 41" | 38.5  |           |            |
| 2924 |              |       | 404155.87 | 1221501.97 |
|      | 179° 31' 22" | 122.5 |           |            |
| 2925 |              |       | 404033.37 | 1221502.99 |
|      | 191° 48' 29" | 38.1  |           |            |
| 2926 |              |       | 403996.06 | 1221495.19 |
|      | 199° 18' 34" | 65.3  |           |            |
| 2927 |              |       | 403934.47 | 1221473.61 |
|      | 197° 20' 21" | 32.2  |           |            |
| 2928 |              |       | 403903.69 | 1221464    |
|      | 186° 20' 32" | 29    |           |            |
| 2929 |              |       | 403874.9  | 1221460.8  |
|      | 181° 3' 35"  | 87.6  |           |            |
| 2930 |              |       | 403787.34 | 1221459.18 |
|      | 195° 7' 49"  | 28.2  |           |            |
| 2931 |              |       | 403760.12 | 1221451.82 |
|      | 208° 3' 52"  | 38.5  |           |            |
| 2932 |              |       | 403726.19 | 1221433.73 |
|      | 232° 52' 43" | 20.1  |           |            |
| 2933 |              |       | 403714.08 | 1221417.73 |
|      | 248° 39' 26" | 20.6  |           |            |
| 2934 |              |       | 403706.57 | 1221398.51 |
|      | 267° 36' 16" | 52.6  |           |            |
| 2935 |              |       | 403704.37 | 1221345.92 |
|      | 237° 59' 55" | 30    |           |            |
| 2936 |              |       | 403688.46 | 1221320.46 |
|      | 214° 26' 9"  | 60.3  |           |            |
| 2937 |              |       | 403638.74 | 1221286.37 |
|      | 207° 3' 23"  | 48    |           |            |
| 2938 |              |       | 403596.02 | 1221264.55 |
|      | 178° 1' 8"   | 32.4  |           |            |
| 2939 |              |       | 403563.64 | 1221265.67 |
|      | 155° 43' 53" | 102.9 |           |            |
| 2940 |              |       | 403469.84 | 1221307.96 |
|      | 183° 14' 27" | 52    |           |            |
| 2941 |              |       | 403417.92 | 1221305.02 |
|      | 194° 59' 22" | 36.7  |           |            |
| 2942 |              |       | 403382.44 | 1221295.52 |
|      | 207° 16' 33" | 23.8  |           |            |
| 2943 |              |       | 403361.3  | 1221284.62 |
|      | 218° 55' 9"  | 26.9  |           |            |

|      |              |       |           |            |
|------|--------------|-------|-----------|------------|
| 2944 |              |       | 403340.37 | 1221267.72 |
|      | 245° 10' 26" | 33.2  |           |            |
| 2945 |              |       | 403326.45 | 1221237.63 |
|      | 256° 6' 25"  | 35.9  |           |            |
| 2946 |              |       | 403317.83 | 1221202.78 |
|      | 251° 20' 20" | 112.3 |           |            |
| 2947 |              |       | 403281.9  | 1221096.39 |
|      | 221° 20' 14" | 28.4  |           |            |
| 2948 |              |       | 403260.54 | 1221077.6  |
|      | 204° 50' 9"  | 38.1  |           |            |
| 2949 |              |       | 403225.97 | 1221061.6  |
|      | 168° 44' 50" | 98.2  |           |            |
| 2950 |              |       | 403129.62 | 1221080.77 |
|      | 180° 12' 4"  | 37    |           |            |
| 2951 |              |       | 403092.6  | 1221080.64 |
|      | 198° 7' 11"  | 69    |           |            |
| 2952 |              |       | 403026.99 | 1221059.17 |
|      | 200° 6' 33"  | 73.3  |           |            |
| 2953 |              |       | 402958.19 | 1221033.98 |
|      | 212° 29' 47" | 29.6  |           |            |
| 2954 |              |       | 402933.26 | 1221018.1  |
|      | 227° 48' 18" | 36.1  |           |            |
| 2955 |              |       | 402909    | 1220991.34 |
|      | 241° 42' 56" | 65.6  |           |            |
| 2956 |              |       | 402877.92 | 1220933.58 |
|      | 209° 0' 50"  | 80.9  |           |            |
| 2957 |              |       | 402807.17 | 1220894.34 |
|      | 295° 35' 40" | 34.3  |           |            |
| 2958 |              |       | 402822    | 1220863.38 |
|      | 295° 35' 14" | 153   |           |            |
| 2959 |              |       | 402888.1  | 1220725.34 |
|      | 295° 1' 24"  | 190.5 |           |            |
| 2960 |              |       | 402968.68 | 1220552.72 |
|      | 287° 2' 35"  | 233.1 |           |            |
| 2961 |              |       | 403036.99 | 1220329.89 |
|      | 286° 49' 18" | 146.1 |           |            |
| 2962 |              |       | 403079.28 | 1220190.01 |
|      | 294° 32' 22" | 82.2  |           |            |
| 2963 |              |       | 403113.44 | 1220115.19 |
|      | 334° 39' 23" | 102.6 |           |            |
| 2964 |              |       | 403206.15 | 1220071.28 |
|      | 332° 43' 18" | 117.1 |           |            |
| 2965 |              |       | 403310.25 | 1220017.6  |
|      | 344° 58' 53" | 69    |           |            |
| 2966 |              |       | 403376.93 | 1219999.71 |
|      | 323° 9' 4"   | 37.9  |           |            |
| 2967 |              |       | 403407.22 | 1219977.01 |
|      | 332° 29' 22" | 93.2  |           |            |
| 2968 |              |       | 403489.92 | 1219933.94 |
|      | 350° 8' 44"  | 71.9  |           |            |
| 2969 |              |       | 403560.73 | 1219921.64 |
|      | 269° 47' 59" | 40.1  |           |            |
| 2970 |              |       | 403560.59 | 1219881.57 |
|      | 278° 19' 49" | 31.5  |           |            |
| 2971 |              |       | 403565.16 | 1219850.36 |
|      | 297° 33' 2"  | 9.9   |           |            |
| 2972 |              |       | 403569.73 | 1219841.6  |
|      | 304° 56' 3"  | 29.3  |           |            |
| 2973 |              |       | 403586.48 | 1219817.62 |
|      | 307° 22' 1"  | 18.2  |           |            |

|      |              |       |           |            |
|------|--------------|-------|-----------|------------|
| 2974 |              |       | 403597.53 | 1219803.15 |
|      | 299° 44' 24" | 15.3  |           |            |
| 2975 |              |       | 403605.14 | 1219789.83 |
|      | 286° 50' 43" | 34.2  |           |            |
| 2976 |              |       | 403615.05 | 1219757.1  |
|      | 281° 9' 17"  | 27.6  |           |            |
| 2977 |              |       | 403620.38 | 1219730.07 |
|      | 268° 38' 19" | 16    |           |            |
| 2978 |              |       | 403620    | 1219714.08 |
|      | 262° 29' 50" | 29.2  |           |            |
| 2979 |              |       | 403616.19 | 1219685.15 |
|      | 90° 0' 0"    | 8.4   |           |            |
| 2980 |              |       | 403616.19 | 1219676.78 |
|      | 298° 56' 44" | 20.5  |           |            |
| 2981 |              |       | 403626.09 | 1219658.88 |
|      | 313° 2' 39"  | 78.1  |           |            |
| 2982 |              |       | 403679.41 | 1219601.79 |
|      | 318° 25' 13" | 23.8  |           |            |
| 2983 |              |       | 403697.23 | 1219585.98 |
|      | 318° 26' 7"  | 39.3  |           |            |
| 2984 |              |       | 403726.63 | 1219559.91 |
|      | 320° 46' 17" | 59    |           |            |
| 2985 |              |       | 403772.33 | 1219522.6  |
|      | 203° 26' 56" | 42    |           |            |
| 2986 |              |       | 403733.76 | 1219505.87 |
|      | 200° 47' 14" | 226.2 |           |            |
| 2987 |              |       | 403522.28 | 1219425.59 |
|      | 196° 8' 42"  | 511.5 |           |            |
| 2988 |              |       | 403030.97 | 1219283.36 |
|      | 315° 42' 30" | 411.8 |           |            |
| 2989 |              |       | 403325.74 | 1218995.79 |
|      | 315° 49' 42" | 247.4 |           |            |
| 2990 |              |       | 403503.21 | 1218823.38 |
|      | 315° 19' 3"  | 94.4  |           |            |
| 2991 |              |       | 403570.3  | 1218757.03 |
|      | 286° 29' 38" | 99.3  |           |            |
| 2992 |              |       | 403598.48 | 1218661.86 |
|      | 286° 19' 48" | 150.3 |           |            |
| 2993 |              |       | 403640.75 | 1218517.59 |
|      | 286° 48' 24" | 270   |           |            |
| 2994 |              |       | 403718.82 | 1218259.12 |
|      | 285° 48' 49" | 173.3 |           |            |
| 2995 |              |       | 403766.04 | 1218092.4  |
|      | 286° 0' 13"  | 121.6 |           |            |
| 2996 |              |       | 403799.56 | 1217975.53 |
|      | 282° 43' 35" | 24.2  |           |            |
| 2997 |              |       | 403804.89 | 1217951.93 |
|      | 286° 6' 20"  | 177.1 |           |            |
| 2998 |              |       | 403854.02 | 1217781.78 |
|      | 284° 38' 44" | 122   |           |            |
| 2999 |              |       | 403884.86 | 1217663.77 |
|      | 284° 51' 52" | 167.8 |           |            |
| 3000 |              |       | 403927.9  | 1217501.61 |
|      | 284° 17' 2"  | 174.4 |           |            |
| 3001 |              |       | 403970.93 | 1217332.6  |
|      | 283° 43' 1"  | 98    |           |            |
| 3002 |              |       | 403994.16 | 1217237.43 |
|      | 292° 11' 40" | 73.6  |           |            |
| 3003 |              |       | 404021.96 | 1217169.29 |
|      | 23° 42' 28"  | 260.4 |           |            |

|      |              |       |           |            |
|------|--------------|-------|-----------|------------|
| 3004 |              |       | 404260.36 | 1217273.98 |
|      | 23° 8' 59"   | 157.8 |           |            |
| 3005 |              |       | 404405.46 | 1217336.02 |
|      | 23° 11' 30"  | 110.2 |           |            |
| 3006 |              |       | 404506.76 | 1217379.42 |
|      | 295° 33' 28" | 86.5  |           |            |
| 3007 |              |       | 404544.08 | 1217301.38 |
|      | 296° 9' 6"   | 138.2 |           |            |
| 3008 |              |       | 404605.01 | 1217177.29 |
|      | 296° 19' 25" | 116.8 |           |            |
| 3009 |              |       | 404656.8  | 1217072.61 |
|      | 296° 5' 37"  | 121.2 |           |            |
| 3010 |              |       | 404710.12 | 1216963.74 |
|      | 297° 17' 39" | 27.4  |           |            |
| 3011 |              |       | 404722.69 | 1216939.38 |
|      | 296° 46' 50" | 140.3 |           |            |
| 3012 |              |       | 404785.9  | 1216814.14 |
|      | 296° 25' 43" | 133.5 |           |            |
| 3013 |              |       | 404845.31 | 1216694.61 |
|      | 296° 59' 44" | 139.3 |           |            |
| 3014 |              |       | 404908.53 | 1216570.51 |
|      | 297° 18' 11" | 161.1 |           |            |
| 3015 |              |       | 404982.41 | 1216427.39 |
|      | 299° 12' 34" | 44.5  |           |            |
| 3016 |              |       | 405004.12 | 1216388.56 |
|      | 13° 33' 55"  | 22.7  |           |            |
| 3017 |              |       | 405026.21 | 1216393.89 |
|      | 25° 8' 18"   | 151.4 |           |            |
| 3018 |              |       | 405163.3  | 1216458.22 |
|      | 25° 15' 50"  | 226.5 |           |            |
| 3019 |              |       | 405368.14 | 1216554.89 |
|      | 12° 32' 57"  | 21.1  |           |            |
| 3020 |              |       | 405388.76 | 1216559.48 |
|      | 293° 7' 51"  | 45.5  |           |            |
| 3021 |              |       | 405406.65 | 1216517.6  |
|      | 293° 21' 52" | 167.1 |           |            |
| 3022 |              |       | 405472.92 | 1216364.2  |
|      | 294° 20' 43" | 135.8 |           |            |
| 3023 |              |       | 405528.9  | 1216240.48 |
|      | 293° 32' 51" | 151.6 |           |            |
| 3024 |              |       | 405589.45 | 1216101.54 |
|      | 293° 18' 7"  | 115.6 |           |            |
| 3025 |              |       | 405635.17 | 1215995.39 |
|      | 296° 28' 16" | 109.2 |           |            |
| 3026 |              |       | 405683.84 | 1215897.65 |
|      | 239° 31' 36" | 3.8   |           |            |
| 3027 |              |       | 405681.91 | 1215894.37 |
|      | 293° 24' 24" | 126.5 |           |            |
| 3028 |              |       | 405732.18 | 1215778.24 |
|      | 292° 12' 18" | 113.6 |           |            |
| 3029 |              |       | 405775.11 | 1215673.07 |
|      | 299° 45' 15" | 7.6   |           |            |
| 3030 |              |       | 405778.9  | 1215666.44 |
|      | 237° 15' 48" | 27    |           |            |
| 3031 |              |       | 405764.3  | 1215643.73 |
|      | 196° 42' 43" | 33.9  |           |            |
| 3032 |              |       | 405731.86 | 1215633.99 |
|      | 166° 41' 44" | 26.2  |           |            |
| 3033 |              |       | 405706.36 | 1215640.02 |
|      | 142° 4' 4"   | 57.3  |           |            |

|      |              |       |           |            |
|------|--------------|-------|-----------|------------|
| 3034 |              |       | 405661.17 | 1215675.24 |
|      | 155° 54' 15" | 17    |           |            |
| 3035 |              |       | 405645.63 | 1215682.19 |
|      | 184° 59' 37" | 18.6  |           |            |
| 3036 |              |       | 405627.09 | 1215680.57 |
|      | 214° 13' 9"  | 42    |           |            |
| 3037 |              |       | 405592.33 | 1215656.93 |
|      | 203° 59' 30" | 55.5  |           |            |
| 3038 |              |       | 405541.64 | 1215634.37 |
|      | 190° 14' 3"  | 47.2  |           |            |
| 3039 |              |       | 405495.17 | 1215625.98 |
|      | 178° 3' 11"  | 65.3  |           |            |
| 3040 |              |       | 405429.86 | 1215628.2  |
|      | 262° 23' 28" | 119   |           |            |
| 3041 |              |       | 405414.1  | 1215510.22 |
|      | 250° 22' 55" | 92.5  |           |            |
| 3042 |              |       | 405383.04 | 1215423.08 |
|      | 265° 19' 52" | 45.6  |           |            |
| 3043 |              |       | 405379.33 | 1215377.65 |
|      | 302° 31' 23" | 75.9  |           |            |
| 3044 |              |       | 405420.12 | 1215313.68 |
|      | 267° 9' 16"  | 84    |           |            |
| 3045 |              |       | 405415.95 | 1215229.78 |
|      | 307° 28' 57" | 83.2  |           |            |
| 3046 |              |       | 405466.6  | 1215163.73 |
|      | 275° 34' 41" | 63.8  |           |            |
| 3047 |              |       | 405472.8  | 1215100.25 |
|      | 309° 58' 47" | 51.8  |           |            |
| 3048 |              |       | 405506.08 | 1215060.56 |
|      | 273° 37' 19" | 58.7  |           |            |
| 3049 |              |       | 405509.79 | 1215001.95 |
|      | 296° 54' 30" | 49.2  |           |            |
| 3050 |              |       | 405532.07 | 1214958.05 |
|      | 309° 0' 45"  | 117.1 |           |            |
| 3051 |              |       | 405605.81 | 1214867.03 |
|      | 263° 16' 55" | 28.8  |           |            |
| 3052 |              |       | 405602.44 | 1214838.42 |
|      | 262° 53' 38" | 115.8 |           |            |
| 3053 |              |       | 405588.11 | 1214723.47 |
|      | 297° 23' 37" | 43.3  |           |            |
| 3054 |              |       | 405608.03 | 1214685.03 |
|      | 285° 46' 19" | 118.9 |           |            |
| 3055 |              |       | 405640.35 | 1214570.6  |
|      | 262° 18' 4"  | 28.7  |           |            |
| 3056 |              |       | 405636.5  | 1214542.12 |
|      | 251° 44' 33" | 35.7  |           |            |
| 3057 |              |       | 405625.32 | 1214508.23 |
|      | 270° 20' 42" | 29.9  |           |            |
| 3058 |              |       | 405625.5  | 1214478.36 |
|      | 298° 17' 47" | 36.1  |           |            |
| 3059 |              |       | 405642.62 | 1214446.56 |
|      | 275° 44' 19" | 24.4  |           |            |
| 3060 |              |       | 405645.06 | 1214422.28 |
|      | 257° 1' 11"  | 32.6  |           |            |
| 3061 |              |       | 405637.73 | 1214390.48 |
|      | 241° 29' 24" | 92.2  |           |            |
| 3062 |              |       | 405593.7  | 1214309.42 |
|      | 258° 27' 11" | 48.9  |           |            |
| 3063 |              |       | 405583.92 | 1214261.55 |
|      | 272° 1' 49"  | 108.4 |           |            |

|      |              |         |           |            |
|------|--------------|---------|-----------|------------|
| 3064 |              |         | 405587.76 | 1214153.23 |
|      | 287° 53' 13" | 14.9    |           |            |
| 3065 |              |         | 405592.33 | 1214139.07 |
|      | 300° 25' 30" | 54      |           |            |
| 3066 |              |         | 405619.68 | 1214092.5  |
|      | 327° 21' 19" | 82.8    |           |            |
| 3067 |              |         | 405689.44 | 1214047.81 |
|      | 354° 57' 29" | 116.2   |           |            |
| 3068 |              |         | 405805.17 | 1214037.6  |
|      | 304° 19' 3"  | 65.3    |           |            |
| 3069 |              |         | 405842.01 | 1213983.63 |
|      | 304° 18' 44" | 270.7   |           |            |
| 3070 |              |         | 405994.59 | 1213760.06 |
|      | 302° 5' 6"   | 184.3   |           |            |
| 3071 |              |         | 406092.48 | 1213603.92 |
|      | 305° 50' 5"  | 366.8   |           |            |
| 3072 |              |         | 406307.24 | 1213306.53 |
|      | 277° 47' 35" | 519.3   |           |            |
| 3073 |              |         | 406377.66 | 1212791.99 |
|      | 277° 4' 46"  | 483.1   |           |            |
| 3074 |              |         | 406437.2  | 1212312.58 |
|      | 257° 40' 49" | 3.6     |           |            |
| 3075 |              |         | 406436.44 | 1212309.1  |
|      | 190° 40' 55" | 1 270.0 |           |            |
| 3076 |              |         | 405188.48 | 1212073.7  |
|      | 191° 28' 12" | 336.6   |           |            |
| 3077 |              |         | 404858.63 | 1212006.77 |
|      | 208° 9' 57"  | 30.3    |           |            |
| 3078 |              |         | 404831.96 | 1211992.49 |
|      | 262° 50' 53" | 427.9   |           |            |
| 3079 |              |         | 404778.69 | 1211567.94 |
|      | 262° 26' 48" | 117.3   |           |            |
| 3080 |              |         | 404763.27 | 1211451.65 |
|      | 262° 51' 45" | 110.3   |           |            |
| 3081 |              |         | 404749.56 | 1211342.16 |
|      | 264° 4' 1"   | 99.7    |           |            |
| 3082 |              |         | 404739.25 | 1211242.95 |
|      | 264° 21' 24" | 159.4   |           |            |
| 3083 |              |         | 404723.58 | 1211084.37 |
|      | 263° 34' 11" | 180.9   |           |            |
| 3084 |              |         | 404703.32 | 1210904.6  |
|      | 264° 27' 27" | 92.9    |           |            |
| 3085 |              |         | 404694.35 | 1210812.16 |
|      | 264° 38' 25" | 2 267.2 |           |            |
| 3086 |              |         | 404482.58 | 1208554.84 |
|      | 264° 20' 3"  | 473.9   |           |            |
| 3087 |              |         | 404435.8  | 1208083.3  |
|      | 263° 26' 39" | 130.4   |           |            |
| 3088 |              |         | 404420.91 | 1207953.73 |
|      | 264° 12' 30" | 228.3   |           |            |
| 3089 |              |         | 404397.87 | 1207726.57 |
|      | 265° 39' 57" | 447.3   |           |            |
| 3090 |              |         | 404364.07 | 1207280.59 |
|      | 264° 58' 19" | 181     |           |            |
| 3091 |              |         | 404348.21 | 1207100.32 |
|      | 261° 20' 55" | 113.8   |           |            |
| 3092 |              |         | 404331.09 | 1206987.8  |
|      | 262° 42' 38" | 84.8    |           |            |
| 3093 |              |         | 404320.33 | 1206903.68 |
|      | 257° 20' 4"  | 68.6    |           |            |

|      |              |       |           |            |
|------|--------------|-------|-----------|------------|
| 3094 |              |       | 404305.28 | 1206836.71 |
|      | 269° 56' 40" | 41.5  |           |            |
| 3095 |              |       | 404305.24 | 1206795.26 |
|      | 281° 11' 3"  | 92.2  |           |            |
| 3096 |              |       | 404323.12 | 1206704.83 |
|      | 273° 27' 59" | 161.6 |           |            |
| 3097 |              |       | 404332.89 | 1206543.55 |
|      | 237° 9' 52"  | 20.3  |           |            |
| 3098 |              |       | 404321.9  | 1206526.52 |
|      | 225° 47' 8"  | 35.6  |           |            |
| 3099 |              |       | 404297.09 | 1206501.02 |
|      | 240° 50' 7"  | 34.4  |           |            |
| 3100 |              |       | 404280.32 | 1206470.97 |
|      | 253° 51' 32" | 41.5  |           |            |
| 3101 |              |       | 404268.79 | 1206431.13 |
|      | 269° 10' 26" | 48.6  |           |            |
| 3102 |              |       | 404268.09 | 1206382.57 |
|      | 280° 15' 43" | 49    |           |            |
| 3103 |              |       | 404276.82 | 1206334.35 |
|      | 294° 50' 7"  | 119   |           |            |
| 3104 |              |       | 404326.79 | 1206226.38 |
|      | 300° 8' 29"  | 175.3 |           |            |
| 3105 |              |       | 404414.84 | 1206074.74 |
|      | 275° 56' 53" | 67.5  |           |            |
| 3106 |              |       | 404421.83 | 1206007.65 |
|      | 277° 19' 1"  | 52.1  |           |            |
| 3107 |              |       | 404428.47 | 1205955.94 |
|      | 278° 39' 26" | 69.6  |           |            |
| 3108 |              |       | 404438.95 | 1205887.11 |
|      | 294° 44' 29" | 83.5  |           |            |
| 3109 |              |       | 404473.89 | 1205811.29 |
|      | 290° 19' 27" | 90.5  |           |            |
| 3110 |              |       | 404505.34 | 1205726.38 |
|      | 280° 5' 9"   | 57.8  |           |            |
| 3111 |              |       | 404515.47 | 1205669.43 |
|      | 259° 7' 53"  | 53.7  |           |            |
| 3112 |              |       | 404505.34 | 1205616.67 |
|      | 271° 22' 51" | 57.7  |           |            |
| 3113 |              |       | 404506.73 | 1205559.01 |
|      | 276° 55' 6"  | 26.5  |           |            |
| 3114 |              |       | 404509.92 | 1205532.72 |
|      | 217° 52' 29" | 9     |           |            |
| 3115 |              |       | 404502.81 | 1205527.19 |
|      | 221° 49' 6"  | 122.4 |           |            |
| 3116 |              |       | 404411.56 | 1205445.55 |
|      | 221° 9' 36"  | 279.9 |           |            |
| 3117 |              |       | 404200.82 | 1205261.32 |
|      | 220° 36' 51" | 95.6  |           |            |
| 3118 |              |       | 404128.24 | 1205199.08 |
|      | 220° 29' 57" | 414.7 |           |            |
| 3119 |              |       | 403812.9  | 1204929.76 |
|      | 219° 13' 54" | 391.3 |           |            |
| 3120 |              |       | 403509.84 | 1204682.31 |
|      | 219° 56' 12" | 149.3 |           |            |
| 3121 |              |       | 403395.33 | 1204586.44 |
|      | 214° 31' 49" | 373.6 |           |            |
| 3122 |              |       | 403087.51 | 1204374.64 |
|      | 214° 10' 58" | 149   |           |            |
| 3123 |              |       | 402964.27 | 1204290.94 |
|      | 213° 59' 27" | 294.7 |           |            |

|      |              |       |           |            |
|------|--------------|-------|-----------|------------|
| 3124 |              |       | 402719.92 | 1204126.18 |
|      | 213° 26' 1"  | 91.8  |           |            |
| 3125 |              |       | 402643.31 | 1204075.6  |
|      | 214° 8' 58"  | 43.9  |           |            |
| 3126 |              |       | 402606.97 | 1204050.95 |
|      | 220° 25' 59" | 71.7  |           |            |
| 3127 |              |       | 402552.42 | 1204004.47 |
|      | 226° 41' 6"  | 145   |           |            |
| 3128 |              |       | 402452.95 | 1203898.97 |
|      | 225° 59' 53" | 46.3  |           |            |
| 3129 |              |       | 402420.81 | 1203865.69 |
|      | 226° 43' 4"  | 44.1  |           |            |
| 3130 |              |       | 402390.57 | 1203833.58 |
|      | 227° 17' 12" | 100   |           |            |
| 3131 |              |       | 402322.77 | 1203760.14 |
|      | 297° 5' 41"  | 32.4  |           |            |
| 3132 |              |       | 402337.53 | 1203731.29 |
|      | 298° 49' 8"  | 34    |           |            |
| 3133 |              |       | 402353.92 | 1203701.5  |
|      | 297° 56' 10" | 413.6 |           |            |
| 3134 |              |       | 402547.68 | 1203336.11 |
|      | 301° 6' 17"  | 226.4 |           |            |
| 3135 |              |       | 402664.64 | 1203142.26 |
|      | 23° 53' 24"  | 320.8 |           |            |
| 3136 |              |       | 402957.98 | 1203272.19 |
|      | 23° 3' 9"    | 123.7 |           |            |
| 3137 |              |       | 403071.76 | 1203320.61 |
|      | 23° 3' 45"   | 570.4 |           |            |
| 3138 |              |       | 403596.58 | 1203544.06 |
|      | 24° 5' 30"   | 569.2 |           |            |
| 3139 |              |       | 404116.16 | 1203776.39 |
|      | 13° 44' 15"  | 63.8  |           |            |
| 3140 |              |       | 404178.09 | 1203791.53 |
|      | 13° 44' 10"  | 11.1  |           |            |
| 3141 |              |       | 404188.89 | 1203794.17 |
|      | 275° 37' 35" | 9.5   |           |            |
| 3142 |              |       | 404189.82 | 1203784.73 |
|      | 295° 18' 39" | 28.6  |           |            |
| 3143 |              |       | 404202.05 | 1203758.87 |
|      | 316° 29' 11" | 47.7  |           |            |
| 3144 |              |       | 404236.64 | 1203726.03 |
|      | 312° 57' 56" | 34.9  |           |            |
| 3145 |              |       | 404260.4  | 1203700.52 |
|      | 296° 8' 33"  | 20.6  |           |            |
| 3146 |              |       | 404269.49 | 1203682    |
|      | 277° 45' 33" | 31    |           |            |
| 3147 |              |       | 404273.68 | 1203651.25 |
|      | 273° 51' 7"  | 109.3 |           |            |
| 3148 |              |       | 404281.02 | 1203542.24 |
|      | 285° 26' 28" | 55.1  |           |            |
| 3149 |              |       | 404295.69 | 1203489.13 |
|      | 299° 53' 56" | 48.4  |           |            |
| 3150 |              |       | 404319.8  | 1203447.2  |
|      | 292° 28' 41" | 43.9  |           |            |
| 3151 |              |       | 404336.57 | 1203406.67 |
|      | 268° 19' 28" | 47.5  |           |            |
| 3152 |              |       | 404335.18 | 1203359.15 |
|      | 261° 33' 16" | 45.2  |           |            |
| 3153 |              |       | 404328.54 | 1203314.43 |
|      | 248° 48' 24" | 36.7  |           |            |



|      |              |       |           |            |
|------|--------------|-------|-----------|------------|
| 3154 |              |       | 404315.26 | 1203280.18 |
|      | 261° 8' 47"  | 27.2  |           |            |
| 3155 |              |       | 404311.07 | 1203253.28 |
|      | 272° 23' 53" | 33.2  |           |            |
| 3156 |              |       | 404312.46 | 1203220.09 |
|      | 306° 44' 25" | 31    |           |            |
| 3157 |              |       | 404330.98 | 1203195.28 |
|      | 328° 56' 44" | 111.8 |           |            |
| 3158 |              |       | 404426.72 | 1203137.63 |
|      | 313° 45' 41" | 34.4  |           |            |
| 3159 |              |       | 404450.48 | 1203112.82 |
|      | 271° 21' 0"  | 29.7  |           |            |
| 3160 |              |       | 404451.18 | 1203083.12 |
|      | 225° 59' 21" | 28.7  |           |            |
| 3161 |              |       | 404431.26 | 1203062.5  |
|      | 230° 23' 27" | 52.6  |           |            |
| 3162 |              |       | 404397.72 | 1203021.97 |
|      | 241° 11' 7"  | 39.9  |           |            |
| 3163 |              |       | 404378.5  | 1202987.03 |
|      | 267° 46' 20" | 36    |           |            |
| 3164 |              |       | 404377.1  | 1202951.04 |
|      | 266° 9' 40"  | 41.7  |           |            |
| 3165 |              |       | 404374.31 | 1202909.46 |
|      | 271° 13' 47" | 48.9  |           |            |
| 3166 |              |       | 404375.36 | 1202860.55 |
|      | 280° 38' 23" | 41.6  |           |            |
| 3167 |              |       | 404383.04 | 1202819.67 |
|      | 298° 56' 52" | 37.5  |           |            |
| 3168 |              |       | 404401.21 | 1202786.82 |
|      | 317° 50' 48" | 34.9  |           |            |
| 3169 |              |       | 404427.07 | 1202763.41 |
|      | 331° 21' 27" | 47.4  |           |            |
| 3170 |              |       | 404468.65 | 1202740.7  |
|      | 326° 18' 35" | 42.8  |           |            |
| 3171 |              |       | 404504.29 | 1202716.94 |
|      | 294° 55' 59" | 33.1  |           |            |
| 3172 |              |       | 404518.26 | 1202686.89 |
|      | 268° 56' 50" | 94.7  |           |            |
| 3173 |              |       | 404516.52 | 1202592.2  |
|      | 290° 36' 31" | 40.7  |           |            |
| 3174 |              |       | 404530.84 | 1202554.12 |
|      | 303° 7' 36"  | 88.9  |           |            |
| 3175 |              |       | 404579.41 | 1202479.69 |
|      | 269° 41' 40" | 65.7  |           |            |
| 3176 |              |       | 404579.06 | 1202414.01 |
|      | 287° 31' 26" | 55.7  |           |            |
| 3177 |              |       | 404595.83 | 1202360.9  |
|      | 301° 54' 18" | 43.6  |           |            |
| 3178 |              |       | 404618.89 | 1202323.86 |
|      | 267° 44' 39" | 35.3  |           |            |
| 3179 |              |       | 404617.5  | 1202288.57 |
|      | 271° 37' 9"  | 86.3  |           |            |
| 3180 |              |       | 404619.94 | 1202202.26 |
|      | 285° 39' 48" | 57    |           |            |
| 3181 |              |       | 404635.32 | 1202147.41 |
|      | 295° 55' 25" | 70.3  |           |            |
| 3182 |              |       | 404666.06 | 1202084.17 |
|      | 281° 27' 55" | 52.8  |           |            |
| 3183 |              |       | 404676.55 | 1202032.45 |
|      | 282° 13' 31" | 179.8 |           |            |

|      |              |         |           |            |
|------|--------------|---------|-----------|------------|
| 3184 |              |         | 404714.63 | 1201856.7  |
|      | 289° 47' 48" | 83.6    |           |            |
| 3185 |              |         | 404742.93 | 1201778.08 |
|      | 272° 9' 14"  | 158     |           |            |
| 3186 |              |         | 404748.87 | 1201620.15 |
|      | 265° 8' 45"  | 53.7    |           |            |
| 3187 |              |         | 404744.33 | 1201566.69 |
|      | 241° 31' 49" | 42.5    |           |            |
| 3188 |              |         | 404724.06 | 1201529.31 |
|      | 218° 43' 32" | 100.5   |           |            |
| 3189 |              |         | 404645.62 | 1201466.41 |
|      | 345° 42' 39" | 38.5    |           |            |
| 3190 |              |         | 404682.92 | 1201456.91 |
|      | 342° 10' 34" | 32      |           |            |
| 3191 |              |         | 404713.4  | 1201447.11 |
|      | 345° 35' 14" | 919.6   |           |            |
| 3192 |              |         | 405604.05 | 1201218.22 |
|      | 345° 42' 5"  | 547.6   |           |            |
| 3193 |              |         | 406134.64 | 1201082.99 |
|      | 345° 8' 47"  | 477.3   |           |            |
| 3194 |              |         | 406595.97 | 1200960.64 |
|      | 341° 43' 16" | 5.8     |           |            |
| 3195 |              |         | 406601.48 | 1200958.82 |
|      | 333° 10' 48" | 20.1    |           |            |
| 3196 |              |         | 406619.42 | 1200949.75 |
|      | 349° 44' 1"  | 12      |           |            |
| 3197 |              |         | 406631.18 | 1200947.62 |
|      | 83° 32' 23"  | 86.5    |           |            |
| 3198 |              |         | 406640.91 | 1201033.55 |
|      | 83° 34' 39"  | 120.1   |           |            |
| 3199 |              |         | 406654.34 | 1201152.86 |
|      | 83° 38' 50"  | 65.6    |           |            |
| 3200 |              |         | 406661.6  | 1201218.07 |
|      | 77° 56' 47"  | 151.4   |           |            |
| 3201 |              |         | 406693.22 | 1201366.15 |
|      | 77° 36' 24"  | 166.8   |           |            |
| 3202 |              |         | 406729.02 | 1201529.07 |
|      | 76° 26' 47"  | 12.4    |           |            |
| 3203 |              |         | 406731.92 | 1201541.1  |
|      | 75° 0' 24"   | 114.9   |           |            |
| 3204 |              |         | 406761.64 | 1201652.07 |
|      | 75° 8' 30"   | 144.4   |           |            |
| 3205 |              |         | 406798.66 | 1201791.61 |
|      | 74° 5' 16"   | 209.9   |           |            |
| 3206 |              |         | 406856.21 | 1201993.48 |
|      | 74° 1' 51"   | 184.1   |           |            |
| 3207 |              |         | 406906.86 | 1202170.48 |
|      | 69° 23' 20"  | 219.6   |           |            |
| 3208 |              |         | 406984.17 | 1202376.04 |
|      | 70° 4' 2"    | 105.6   |           |            |
| 3209 |              |         | 407020.18 | 1202475.34 |
|      | 0° 20' 35"   | 18.4    |           |            |
| 3210 |              |         | 407038.54 | 1202475.45 |
|      | 5° 38' 43"   | 248.4   |           |            |
| 3211 |              |         | 407285.78 | 1202499.89 |
|      | 5° 46' 40"   | 71.9    |           |            |
| 3212 |              |         | 407357.33 | 1202507.13 |
|      | 5° 47' 3"    | 122.2   |           |            |
| 3213 |              |         | 407478.95 | 1202519.45 |
|      | 4° 54' 27"   | 1 136.8 |           |            |

|      |              |       |           |            |
|------|--------------|-------|-----------|------------|
| 3214 |              |       | 408611.57 | 1202616.7  |
|      | 4° 43' 41"   | 90.1  |           |            |
| 3215 |              |       | 408701.4  | 1202624.13 |
|      | 5° 18' 31"   | 300.7 |           |            |
| 3216 |              |       | 409000.8  | 1202651.95 |
|      | 29° 14' 21"  | 137.4 |           |            |
| 3217 |              |       | 409120.65 | 1202719.04 |
|      | 31° 58' 48"  | 168.9 |           |            |
| 3218 |              |       | 409263.91 | 1202808.49 |
|      | 37° 35' 38"  | 105.4 |           |            |
| 3219 |              |       | 409347.41 | 1202872.78 |
|      | 50° 24' 44"  | 151.9 |           |            |
| 3220 |              |       | 409444.2  | 1202989.83 |
|      | 47° 34' 18"  | 121.2 |           |            |
| 3221 |              |       | 409525.96 | 1203079.28 |
|      | 49° 46' 49"  | 130.4 |           |            |
| 3222 |              |       | 409610.17 | 1203178.86 |
|      | 56° 21' 45"  | 105.3 |           |            |
| 3223 |              |       | 409668.52 | 1203266.56 |
|      | 67° 51' 43"  | 54.7  |           |            |
| 3224 |              |       | 409689.13 | 1203317.22 |
|      | 60° 56' 41"  | 125.5 |           |            |
| 3225 |              |       | 409750.07 | 1203426.91 |
|      | 151° 21' 0"  | 13.9  |           |            |
| 3226 |              |       | 409737.88 | 1203433.57 |
|      | 151° 20' 39" | 64.9  |           |            |
| 3227 |              |       | 409680.97 | 1203464.67 |
|      | 148° 15' 40" | 201   |           |            |
| 3228 |              |       | 409510.07 | 1203570.38 |
|      | 61° 18' 14"  | 216.6 |           |            |
| 3229 |              |       | 409614.08 | 1203760.39 |
|      | 61° 11' 25"  | 272.4 |           |            |
| 3230 |              |       | 409745.37 | 1203999.11 |
|      | 62° 7' 19"   | 137.4 |           |            |
| 3231 |              |       | 409809.62 | 1204120.57 |
|      | 61° 12' 57"  | 360.2 |           |            |
| 3232 |              |       | 409983.04 | 1204436.23 |
|      | 59° 42' 21"  | 698   |           |            |
| 3233 |              |       | 410335.14 | 1205038.92 |
|      | 57° 0' 14"   | 689.1 |           |            |
| 3234 |              |       | 410710.42 | 1205616.89 |
|      | 55° 43' 38"  | 540.2 |           |            |
| 3235 |              |       | 411014.6  | 1206063.26 |
|      | 56° 21' 50"  | 261.4 |           |            |
| 3236 |              |       | 411159.39 | 1206280.89 |
|      | 56° 34' 58"  | 198   |           |            |
| 3237 |              |       | 411268.41 | 1206446.12 |
|      | 56° 44' 26"  | 212.1 |           |            |
| 3238 |              |       | 411384.74 | 1206623.49 |
|      | 56° 43' 43"  | 8.3   |           |            |
| 3239 |              |       | 411389.32 | 1206630.47 |
|      | 317° 53' 9"  | 176   |           |            |
| 3240 |              |       | 411519.86 | 1206512.46 |
|      | 318° 21' 13" | 15.1  |           |            |
| 3241 |              |       | 411531.15 | 1206502.42 |
|      | 318° 37' 39" | 25.1  |           |            |
| 3242 |              |       | 411550.02 | 1206485.8  |
|      | 316° 49' 15" | 194.7 |           |            |
| 3243 |              |       | 411692    | 1206352.57 |
|      | 315° 20' 21" | 45.4  |           |            |

|      |              |       |           |            |
|------|--------------|-------|-----------|------------|
| 3244 |              |       | 411724.27 | 1206320.68 |
|      | 316° 50' 44" | 235.1 |           |            |
| 3245 |              |       | 411895.79 | 1206159.87 |
|      | 316° 1' 44"  | 322.8 |           |            |
| 3246 |              |       | 412128.14 | 1205935.72 |
|      | 312° 47' 25" | 299.7 |           |            |
| 3247 |              |       | 412331.71 | 1205715.81 |
|      | 312° 6' 34"  | 307.4 |           |            |
| 3248 |              |       | 412537.83 | 1205487.77 |
|      | 309° 54' 36" | 3.5   |           |            |
| 3249 |              |       | 412540.08 | 1205485.08 |
|      | 269° 2' 42"  | 12    |           |            |
| 3250 |              |       | 412539.88 | 1205473.08 |
|      | 257° 18' 24" | 96    |           |            |
| 3251 |              |       | 412518.78 | 1205379.4  |
|      | 269° 22' 51" | 179.6 |           |            |
| 3252 |              |       | 412516.84 | 1205199.82 |
|      | 255° 55' 30" | 194   |           |            |
| 3253 |              |       | 412469.67 | 1205011.68 |
|      | 325° 27' 13" | 29    |           |            |
| 3254 |              |       | 412493.52 | 1204995.26 |
|      | 311° 51' 6"  | 82.1  |           |            |
| 3255 |              |       | 412548.33 | 1204934.07 |
|      | 315° 11' 5"  | 442.8 |           |            |
| 3256 |              |       | 412862.48 | 1204621.94 |
|      | 316° 49' 41" | 566.7 |           |            |
| 3257 |              |       | 413275.79 | 1204234.2  |
|      | 329° 37' 20" | 711.5 |           |            |
| 3258 |              |       | 413889.6  | 1203874.4  |
|      | 330° 23' 5"  | 203.7 |           |            |
| 3259 |              |       | 414066.72 | 1203773.72 |
|      | 330° 49' 21" | 15.4  |           |            |
| 3260 |              |       | 414080.17 | 1203766.21 |
|      | 330° 54' 15" | 74.4  |           |            |
| 3261 |              |       | 414145.22 | 1203730.01 |
|      | 327° 43' 5"  | 16.9  |           |            |
| 3262 |              |       | 414159.53 | 1203720.97 |
|      | 329° 20' 30" | 19.6  |           |            |
| 3263 |              |       | 414176.4  | 1203710.97 |
|      | 329° 19' 52" | 35.3  |           |            |
| 3264 |              |       | 414206.77 | 1203692.96 |
|      | 328° 7' 13"  | 86.8  |           |            |
| 3265 |              |       | 414280.49 | 1203647.11 |
|      | 328° 28' 57" | 229.9 |           |            |
| 3266 |              |       | 414476.44 | 1203526.95 |
|      | 327° 55' 34" | 17.8  |           |            |
| 3267 |              |       | 414491.52 | 1203517.5  |
|      | 329° 53' 15" | 19.7  |           |            |
| 3268 |              |       | 414508.59 | 1203507.6  |
|      | 311° 7' 1"   | 1.6   |           |            |
| 3269 |              |       | 414509.62 | 1203506.42 |
|      | 328° 16' 24" | 206.3 |           |            |
| 3270 |              |       | 414685.05 | 1203397.96 |
|      | 310° 13' 55" | 459   |           |            |
| 3271 |              |       | 414981.49 | 1203047.57 |
|      | 313° 46' 35" | 11.3  |           |            |
| 3272 |              |       | 414989.28 | 1203039.44 |
|      | 297° 26' 21" | 27.8  |           |            |
| 3273 |              |       | 415002.11 | 1203014.73 |
|      | 303° 58' 34" | 94.4  |           |            |

|      |              |         |           |            |
|------|--------------|---------|-----------|------------|
| 3274 |              |         | 415054.85 | 1202936.47 |
|      | 315° 12' 53" | 26.4    |           |            |
| 3275 |              |         | 415073.59 | 1202917.87 |
|      | 312° 51' 0"  | 72      |           |            |
| 3276 |              |         | 415122.56 | 1202865.08 |
|      | 313° 15' 27" | 268.2   |           |            |
| 3277 |              |         | 415306.32 | 1202669.79 |
|      | 314° 22' 13" | 108.7   |           |            |
| 3278 |              |         | 415382.36 | 1202592.06 |
|      | 315° 57' 8"  | 70.2    |           |            |
| 3279 |              |         | 415432.82 | 1202543.25 |
|      | 321° 11' 47" | 175     |           |            |
| 3280 |              |         | 415569.23 | 1202433.56 |
|      | 321° 10' 34" | 66      |           |            |
| 3281 |              |         | 415620.64 | 1202392.19 |
|      | 321° 10' 43" | 133.6   |           |            |
| 3282 |              |         | 415724.7  | 1202308.46 |
|      | 321° 11' 13" | 55.6    |           |            |
| 3283 |              |         | 415768    | 1202273.63 |
|      | 321° 39' 59" | 246.7   |           |            |
| 3284 |              |         | 415961.5  | 1202120.63 |
|      | 322° 17' 34" | 530.4   |           |            |
| 3285 |              |         | 416381.09 | 1201796.25 |
|      | 55° 53' 22"  | 355.1   |           |            |
| 3286 |              |         | 416580.22 | 1202090.25 |
|      | 333° 47' 28" | 71.9    |           |            |
| 3287 |              |         | 416644.72 | 1202058.5  |
|      | 330° 55' 38" | 1 032.1 |           |            |
| 3288 |              |         | 417546.75 | 1201557    |
|      | 331° 31' 17" | 805.7   |           |            |
| 3289 |              |         | 418254.92 | 1201172.84 |
|      | 329° 57' 9"  | 258.6   |           |            |
| 3290 |              |         | 418478.81 | 1201043.33 |
|      | 355° 29' 46" | 65.7    |           |            |
| 3291 |              |         | 418544.32 | 1201038.17 |
|      | 21° 18' 57"  | 47.1    |           |            |
| 3292 |              |         | 418588.22 | 1201055.3  |
|      | 83° 36' 4"   | 31.4    |           |            |
| 3293 |              |         | 418591.72 | 1201086.51 |
|      | 80° 33' 16"  | 33.3    |           |            |
| 3294 |              |         | 418597.18 | 1201119.33 |
|      | 78° 43' 19"  | 252.2   |           |            |
| 3295 |              |         | 418646.5  | 1201366.65 |
|      | 76° 48' 2"   | 769.7   |           |            |
| 3296 |              |         | 418822.25 | 1202116    |
|      | 76° 51' 30"  | 578.5   |           |            |
| 3297 |              |         | 418953.78 | 1202679.37 |
|      | 76° 45' 42"  | 735.8   |           |            |
| 3298 |              |         | 419122.27 | 1203395.59 |
|      | 76° 48' 54"  | 590.6   |           |            |
| 3299 |              |         | 419256.99 | 1203970.66 |
|      | 76° 41' 36"  | 522.2   |           |            |
| 3300 |              |         | 419377.18 | 1204478.84 |
|      | 76° 44' 39"  | 1 342.7 |           |            |
| 3301 |              |         | 419685.06 | 1205785.78 |
|      | 76° 40' 47"  | 1 101.0 |           |            |
| 3302 |              |         | 419938.72 | 1206857.15 |
|      | 76° 40' 53"  | 36.2    |           |            |
| 3303 |              |         | 419947.06 | 1206892.38 |
|      | 346° 47' 36" | 26.1    |           |            |

|      |              |       |           |            |
|------|--------------|-------|-----------|------------|
| 3304 |              |       | 419972.5  | 1206886.41 |
|      | 256° 53' 11" | 1.8   |           |            |
| 3305 |              |       | 419972.09 | 1206884.65 |
|      | 285° 24' 44" | 40.9  |           |            |
| 3306 |              |       | 419982.96 | 1206845.22 |
|      | 346° 42' 17" | 12    |           |            |
| 3307 |              |       | 419994.64 | 1206842.46 |
|      | 259° 11' 39" | 26.3  |           |            |
| 3308 |              |       | 419989.71 | 1206816.63 |
|      | 323° 31' 47" | 523.4 |           |            |
| 3309 |              |       | 420410.61 | 1206505.52 |
|      | 324° 55' 18" | 75.2  |           |            |
| 3310 |              |       | 420472.17 | 1206462.29 |
|      | 323° 54' 27" | 155.6 |           |            |
| 3311 |              |       | 420597.93 | 1206370.61 |
|      | 323° 34' 59" | 231.4 |           |            |
| 3312 |              |       | 420784.18 | 1206233.21 |
|      | 326° 9' 51"  | 182.4 |           |            |
| 3313 |              |       | 420935.67 | 1206131.66 |
|      | 325° 14' 48" | 227.6 |           |            |
| 3314 |              |       | 421122.71 | 1206001.89 |
|      | 324° 59' 30" | 238   |           |            |
| 3315 |              |       | 421317.65 | 1205865.35 |
|      | 325° 24' 50" | 215.2 |           |            |
| 3316 |              |       | 421494.81 | 1205743.2  |
|      | 325° 48' 7"  | 212.8 |           |            |
| 3317 |              |       | 421670.84 | 1205623.58 |
|      | 325° 50' 40" | 231.1 |           |            |
| 3318 |              |       | 421862.11 | 1205493.81 |
|      | 324° 45' 42" | 130.1 |           |            |
| 3319 |              |       | 421968.35 | 1205418.76 |
|      | 324° 45' 31" | 72.3  |           |            |
| 3320 |              |       | 422027.43 | 1205377.02 |
|      | 325° 44' 22" | 196.9 |           |            |
| 3321 |              |       | 422190.2  | 1205266.15 |
|      | 326° 13' 58" | 229.4 |           |            |
| 3322 |              |       | 422380.91 | 1205138.64 |
|      | 324° 52' 59" | 149.4 |           |            |
| 3323 |              |       | 422503.1  | 1205052.71 |
|      | 324° 51' 59" | 63.4  |           |            |
| 3324 |              |       | 422554.97 | 1205016.21 |
|      | 326° 24' 10" | 189.7 |           |            |
| 3325 |              |       | 422712.95 | 1204911.26 |
|      | 321° 26' 9"  | 55.2  |           |            |
| 3326 |              |       | 422756.11 | 1204876.85 |
|      | 323° 5' 30"  | 167.2 |           |            |
| 3327 |              |       | 422889.83 | 1204776.42 |
|      | 319° 4' 50"  | 78.4  |           |            |
| 3328 |              |       | 422949.07 | 1204725.07 |
|      | 314° 48' 48" | 176   |           |            |
| 3329 |              |       | 423073.13 | 1204600.2  |
|      | 314° 20' 52" | 147.3 |           |            |
| 3330 |              |       | 423176.06 | 1204494.9  |
|      | 32° 37' 9"   | 1.8   |           |            |
| 3331 |              |       | 423177.56 | 1204495.86 |
|      | 37° 29' 3"   | 435   |           |            |
| 3332 |              |       | 423522.77 | 1204760.6  |
|      | 38° 50' 54"  | 471.6 |           |            |
| 3333 |              |       | 423890.06 | 1205056.42 |
|      | 42° 42' 11"  | 46.4  |           |            |

|      |              |       |           |            |
|------|--------------|-------|-----------|------------|
| 3334 |              |       | 423924.16 | 1205087.89 |
|      | 40° 16' 13"  | 52.4  |           |            |
| 3335 |              |       | 423964.14 | 1205121.76 |
|      | 37° 58' 20"  | 325.9 |           |            |
| 3336 |              |       | 424221.01 | 1205322.25 |
|      | 38° 0' 52"   | 144.4 |           |            |
| 3337 |              |       | 424334.75 | 1205411.16 |
|      | 38° 29' 25"  | 355.5 |           |            |
| 3338 |              |       | 424613.02 | 1205632.43 |
|      | 41° 50' 54"  | 37.2  |           |            |
| 3339 |              |       | 424640.71 | 1205657.23 |
|      | 39° 10' 59"  | 187.2 |           |            |
| 3340 |              |       | 424785.81 | 1205775.5  |
|      | 38° 32' 17"  | 222.7 |           |            |
| 3341 |              |       | 424960.03 | 1205914.27 |
|      | 38° 10' 4"   | 96.2  |           |            |
| 3342 |              |       | 425035.69 | 1205973.74 |
|      | 38° 9' 50"   | 28.2  |           |            |
| 3343 |              |       | 425057.83 | 1205991.14 |
|      | 38° 17' 44"  | 84.8  |           |            |
| 3344 |              |       | 425124.38 | 1206043.69 |
|      | 78° 29' 5"   | 110.6 |           |            |
| 3345 |              |       | 425146.46 | 1206152.07 |
|      | 79° 12' 5"   | 333.2 |           |            |
| 3346 |              |       | 425208.89 | 1206479.39 |
|      | 78° 9' 51"   | 74.6  |           |            |
| 3347 |              |       | 425224.19 | 1206552.4  |
|      | 77° 44' 54"  | 172.2 |           |            |
| 3348 |              |       | 425260.73 | 1206720.67 |
|      | 78° 12' 11"  | 203.1 |           |            |
| 3349 |              |       | 425302.26 | 1206919.52 |
|      | 78° 53' 54"  | 161.2 |           |            |
| 3350 |              |       | 425333.3  | 1207077.71 |
|      | 78° 53' 52"  | 232.9 |           |            |
| 3351 |              |       | 425378.15 | 1207306.27 |
|      | 78° 59' 48"  | 117.6 |           |            |
| 3352 |              |       | 425400.59 | 1207421.68 |
|      | 79° 31' 29"  | 317.6 |           |            |
| 3353 |              |       | 425458.34 | 1207734.03 |
|      | 78° 43' 52"  | 177   |           |            |
| 3354 |              |       | 425492.92 | 1207907.58 |
|      | 68° 6' 37"   | 24.1  |           |            |
| 3355 |              |       | 425501.92 | 1207929.98 |
|      | 90° 22' 38"  | 16.7  |           |            |
| 3356 |              |       | 425501.81 | 1207946.68 |
|      | 116° 18' 28" | 247   |           |            |
| 3357 |              |       | 425392.34 | 1208168.1  |
|      | 117° 4' 7"   | 119.1 |           |            |
| 3358 |              |       | 425338.16 | 1208274.12 |
|      | 3° 27' 9"    | 100.5 |           |            |
| 3359 |              |       | 425438.44 | 1208280.17 |
|      | 0° 28' 24"   | 27.8  |           |            |
| 3360 |              |       | 425466.28 | 1208280.4  |
|      | 0° 27' 27"   | 21.3  |           |            |
| 3361 |              |       | 425487.56 | 1208280.57 |
|      | 86° 56' 50"  | 68    |           |            |
| 3362 |              |       | 425491.18 | 1208348.45 |
|      | 353° 2' 47"  | 48.5  |           |            |
| 3363 |              |       | 425539.31 | 1208342.58 |
|      | 62° 32' 36"  | 160.7 |           |            |

|      |              |      |           |            |
|------|--------------|------|-----------|------------|
| 3364 |              |      | 425613.39 | 1208485.15 |
|      | 133° 58' 38" | 27.3 |           |            |
| 3365 |              |      | 425594.41 | 1208504.82 |
|      | 121° 11' 56" | 38.9 |           |            |
| 3366 |              |      | 425574.28 | 1208538.06 |
|      | 105° 33' 32" | 28.1 |           |            |
| 3367 |              |      | 425566.74 | 1208565.14 |
|      | 57° 24' 50"  | 24.9 |           |            |
| 3368 |              |      | 425580.15 | 1208586.12 |
|      | 28° 44' 27"  | 30.9 |           |            |
| 3369 |              |      | 425607.21 | 1208600.96 |
|      | 61° 1' 39"   | 17.6 |           |            |
| 3370 |              |      | 425615.72 | 1208616.33 |
|      | 98° 7' 2"    | 25.6 |           |            |
| 3371 |              |      | 425612.1  | 1208641.71 |
|      | 170° 12' 4"  | 39.2 |           |            |
| 3372 |              |      | 425573.48 | 1208648.38 |
|      | 153° 24' 54" | 25.9 |           |            |
| 3373 |              |      | 425550.28 | 1208659.99 |
|      | 106° 8' 5"   | 32.4 |           |            |
| 3374 |              |      | 425541.28 | 1208691.1  |
|      | 108° 32' 17" | 22.8 |           |            |
| 3375 |              |      | 425534.02 | 1208712.75 |
|      | 86° 6' 14"   | 39.6 |           |            |
| 3376 |              |      | 425536.71 | 1208752.25 |
|      | 94° 3' 1"    | 44   |           |            |
| 3377 |              |      | 425533.6  | 1208796.17 |
|      | 90° 11' 41"  | 47   |           |            |
| 3378 |              |      | 425533.44 | 1208843.19 |
|      | 92° 43' 39"  | 22.7 |           |            |
| 3379 |              |      | 425532.36 | 1208865.86 |
|      | 73° 12' 14"  | 41.5 |           |            |
| 3380 |              |      | 425544.34 | 1208905.55 |
|      | 112° 16' 44" | 29.6 |           |            |
| 3381 |              |      | 425533.11 | 1208932.96 |
|      | 132° 49' 50" | 61.5 |           |            |
| 3382 |              |      | 425491.33 | 1208978.03 |
|      | 86° 0' 49"   | 17.3 |           |            |
| 3383 |              |      | 425492.53 | 1208995.25 |
|      | 45° 42' 41"  | 34.7 |           |            |
| 3384 |              |      | 425516.78 | 1209020.11 |
|      | 36° 39' 6"   | 32.6 |           |            |
| 3385 |              |      | 425542.92 | 1209039.56 |
|      | 36° 38' 21"  | 22.9 |           |            |
| 3386 |              |      | 425561.26 | 1209053.2  |
|      | 64° 53' 56"  | 47.8 |           |            |
| 3387 |              |      | 425581.53 | 1209096.47 |
|      | 67° 23' 15"  | 46.6 |           |            |
| 3388 |              |      | 425599.44 | 1209139.47 |
|      | 51° 49' 32"  | 13.3 |           |            |
| 3389 |              |      | 425607.64 | 1209149.9  |
|      | 48° 24' 4"   | 12.3 |           |            |
| 3390 |              |      | 425615.79 | 1209159.08 |
|      | 44° 51' 49"  | 50.5 |           |            |
| 3391 |              |      | 425651.6  | 1209194.72 |
|      | 46° 17' 41"  | 43.5 |           |            |
| 3392 |              |      | 425681.65 | 1209226.16 |
|      | 55° 41' 59"  | 36   |           |            |
| 3393 |              |      | 425701.91 | 1209255.86 |
|      | 86° 4' 32"   | 25.6 |           |            |



|      |              |       |           |            |
|------|--------------|-------|-----------|------------|
| 3394 |              |       | 425703.66 | 1209281.37 |
|      | 353° 25' 13" | 147.1 |           |            |
| 3395 |              |       | 425849.83 | 1209264.51 |
|      | 353° 37' 20" | 258.4 |           |            |
| 3396 |              |       | 426106.6  | 1209235.81 |
|      | 353° 7' 35"  | 290.9 |           |            |
| 3397 |              |       | 426395.38 | 1209201    |
|      | 347° 59' 52" | 25.5  |           |            |
| 3398 |              |       | 426420.31 | 1209195.7  |
|      | 352° 29' 21" | 4.1   |           |            |
| 3399 |              |       | 426424.33 | 1209195.17 |
|      | 354° 23' 38" | 316.2 |           |            |
| 3400 |              |       | 426739.04 | 1209164.28 |
|      | 353° 17' 18" | 224.4 |           |            |
| 3401 |              |       | 426961.94 | 1209138.05 |
|      | 352° 36' 28" | 176.7 |           |            |
| 3402 |              |       | 427137.22 | 1209115.31 |
|      | 7° 57' 32"   | 20.4  |           |            |
| 3403 |              |       | 427157.39 | 1209118.13 |
|      | 42° 44' 40"  | 197.3 |           |            |
| 3404 |              |       | 427302.27 | 1209252.03 |
|      | 42° 6' 23"   | 350.6 |           |            |
| 3405 |              |       | 427562.4  | 1209487.13 |
|      | 41° 49' 2"   | 312.5 |           |            |
| 3406 |              |       | 427795.33 | 1209695.52 |
|      | 42° 5' 59"   | 221.9 |           |            |
| 3407 |              |       | 427960    | 1209844.31 |
|      | 42° 6' 11"   | 256   |           |            |
| 3408 |              |       | 428149.97 | 1210015.98 |
|      | 42° 13' 49"  | 184.8 |           |            |
| 3409 |              |       | 428286.82 | 1210140.2  |
|      | 41° 38' 56"  | 94.8  |           |            |
| 3410 |              |       | 428357.69 | 1210203.23 |
|      | 36° 57' 40"  | 26.3  |           |            |
| 3411 |              |       | 428378.74 | 1210219.07 |
|      | 43° 40' 9"   | 79.8  |           |            |
| 3412 |              |       | 428436.44 | 1210274.15 |
|      | 42° 21' 16"  | 95.9  |           |            |
| 3413 |              |       | 428507.31 | 1210338.76 |
|      | 42° 54' 6"   | 212.6 |           |            |
| 3414 |              |       | 428663.07 | 1210483.51 |
|      | 43° 45' 34"  | 76.8  |           |            |
| 3415 |              |       | 428718.51 | 1210536.6  |
|      | 41° 29' 46"  | 84.2  |           |            |
| 3416 |              |       | 428781.6  | 1210592.41 |
|      | 40° 8' 14"   | 124.3 |           |            |
| 3417 |              |       | 428876.62 | 1210672.53 |
|      | 36° 21' 30"  | 137.3 |           |            |
| 3418 |              |       | 428987.21 | 1210753.94 |
|      | 90° 27' 23"  | 636.1 |           |            |
| 3419 |              |       | 428982.14 | 1211390.04 |
|      | 91° 34' 49"  | 500.4 |           |            |
| 3420 |              |       | 428968.34 | 1211890.21 |
|      | 91° 27' 7"   | 393   |           |            |
| 3421 |              |       | 428958.38 | 1212283.12 |
|      | 90° 18' 41"  | 309.1 |           |            |
| 3422 |              |       | 428956.7  | 1212592.19 |
|      | 83° 16' 45"  | 43.6  |           |            |
| 3423 |              |       | 428961.8  | 1212635.47 |
|      | 350° 30' 50" | 202.4 |           |            |

|      |              |       |           |            |
|------|--------------|-------|-----------|------------|
| 3424 |              |       | 429161.45 | 1212602.11 |
|      | 11° 7' 11"   | 135.9 |           |            |
| 3425 |              |       | 429294.8  | 1212628.32 |
|      | 16° 10' 31"  | 57.5  |           |            |
| 3426 |              |       | 429350.03 | 1212644.34 |
|      | 95° 11' 52"  | 14.5  |           |            |
| 3427 |              |       | 429348.72 | 1212658.74 |
|      | 86° 25' 38"  | 39.3  |           |            |
| 3428 |              |       | 429351.17 | 1212697.98 |
|      | 82° 34' 29"  | 107.7 |           |            |
| 3429 |              |       | 429365.09 | 1212804.79 |
|      | 81° 35' 25"  | 518.5 |           |            |
| 3430 |              |       | 429440.92 | 1213317.71 |
|      | 81° 52' 40"  | 761.7 |           |            |
| 3431 |              |       | 429548.53 | 1214071.73 |
|      | 81° 8' 30"   | 544.6 |           |            |
| 3432 |              |       | 429632.39 | 1214609.82 |
|      | 82° 23' 16"  | 530.2 |           |            |
| 3433 |              |       | 429702.62 | 1215135.33 |
|      | 82° 6' 58"   | 517.1 |           |            |
| 3434 |              |       | 429773.55 | 1215647.56 |
|      | 340° 11' 50" | 310.4 |           |            |
| 3435 |              |       | 430065.63 | 1215542.39 |
|      | 342° 17' 8"  | 417.9 |           |            |
| 3436 |              |       | 430463.76 | 1215415.22 |
|      | 339° 51' 58" | 804.3 |           |            |
| 3437 |              |       | 431218.94 | 1215138.36 |
|      | 351° 37' 58" | 980.5 |           |            |
| 3438 |              |       | 432188.96 | 1214995.69 |
|      | 353° 48' 13" | 476.4 |           |            |
| 3439 |              |       | 432662.57 | 1214944.27 |
|      | 354° 49' 5"  | 163.5 |           |            |
| 3440 |              |       | 432825.44 | 1214929.5  |
|      | 0° 8' 37"    | 346.8 |           |            |
| 3441 |              |       | 433172.23 | 1214930.37 |
|      | 1° 26' 47"   | 250.3 |           |            |
| 3442 |              |       | 433422.49 | 1214936.69 |
|      | 7° 24' 46"   | 748   |           |            |
| 3443 |              |       | 434164.2  | 1215033.19 |
|      | 7° 21' 41"   | 381.7 |           |            |
| 3444 |              |       | 434542.78 | 1215082.1  |
|      | 4° 19' 42"   | 266.3 |           |            |
| 3445 |              |       | 434808.33 | 1215102.2  |
|      | 1° 19' 18"   | 113.6 |           |            |
| 3446 |              |       | 434921.88 | 1215104.82 |
|      | 357° 41' 54" | 369.8 |           |            |
| 3447 |              |       | 435291.38 | 1215089.97 |
|      | 357° 8' 30"  | 206.8 |           |            |
| 3448 |              |       | 435497.88 | 1215079.66 |
|      | 355° 45' 15" | 231.2 |           |            |
| 3449 |              |       | 435728.49 | 1215062.54 |
|      | 357° 27' 45" | 155.4 |           |            |
| 3450 |              |       | 435883.74 | 1215055.66 |
|      | 356° 59' 37" | 122.8 |           |            |
| 3451 |              |       | 436006.37 | 1215049.22 |
|      | 51° 40' 43"  | 6.1   |           |            |
| 3452 |              |       | 436010.14 | 1215053.99 |
|      | 354° 38' 54" | 150.2 |           |            |
| 3453 |              |       | 436159.7  | 1215039.98 |
|      | 355° 56' 46" | 245   |           |            |

|      |              |       |           |            |
|------|--------------|-------|-----------|------------|
| 3454 |              |       | 436404.1  | 1215022.66 |
|      | 90° 0' 0"    | 3.8   |           |            |
| 3455 |              |       | 436407.85 | 1215022.66 |
|      | 355° 7' 12"  | 492.1 |           |            |
| 3456 |              |       | 436898.14 | 1214980.8  |
|      | 354° 29' 40" | 127   |           |            |
| 3457 |              |       | 437024.51 | 1214968.62 |
|      | 354° 42' 5"  | 57.4  |           |            |
| 3458 |              |       | 437081.66 | 1214963.32 |
|      | 350° 48' 0"  | 48.1  |           |            |
| 3459 |              |       | 437129.14 | 1214955.63 |
|      | 351° 1' 38"  | 0.2   |           |            |
| 3460 |              |       | 437129.33 | 1214955.6  |
|      | 349° 1' 54"  | 188.7 |           |            |
| 3461 |              |       | 437314.62 | 1214919.69 |
|      | 349° 7' 48"  | 184.6 |           |            |
| 3462 |              |       | 437495.9  | 1214884.88 |
|      | 348° 56' 40" | 207.9 |           |            |
| 3463 |              |       | 437699.96 | 1214845.01 |
|      | 349° 1' 30"  | 15.8  |           |            |
| 3464 |              |       | 437715.43 | 1214842.01 |
|      | 349° 34' 45" | 0.9   |           |            |
| 3465 |              |       | 437716.3  | 1214841.85 |
|      | 349° 16' 31" | 4     |           |            |
| 3466 |              |       | 437720.26 | 1214841.1  |
|      | 349° 12' 18" | 20.1  |           |            |
| 3467 |              |       | 437739.98 | 1214837.34 |
|      | 349° 0' 20"  | 34.2  |           |            |
| 3468 |              |       | 437773.54 | 1214830.82 |
|      | 348° 59' 58" | 136.5 |           |            |
| 3469 |              |       | 437907.55 | 1214804.77 |
|      | 348° 59' 23" | 26.6  |           |            |
| 3470 |              |       | 437933.66 | 1214799.69 |
|      | 348° 31' 0"  | 20.7  |           |            |
| 3471 |              |       | 437953.99 | 1214795.56 |
|      | 348° 30' 52" | 96.6  |           |            |
| 3472 |              |       | 438048.68 | 1214776.32 |
|      | 348° 30' 15" | 24.8  |           |            |
| 3473 |              |       | 438072.97 | 1214771.38 |
|      | 347° 16' 58" | 192.8 |           |            |
| 3474 |              |       | 438261.03 | 1214728.94 |
|      | 347° 34' 42" | 12.7  |           |            |
| 3475 |              |       | 438273.47 | 1214726.2  |
|      | 347° 32' 6"  | 1.9   |           |            |
| 3476 |              |       | 438275.37 | 1214725.78 |
|      | 347° 34' 44" | 148.1 |           |            |
| 3477 |              |       | 438419.98 | 1214693.93 |
|      | 347° 34' 53" | 45.6  |           |            |
| 3478 |              |       | 438464.53 | 1214684.12 |
|      | 347° 32' 44" | 6.7   |           |            |
| 3479 |              |       | 438471.05 | 1214682.68 |
|      | 37° 54' 48"  | 84.7  |           |            |
| 3480 |              |       | 438537.84 | 1214734.7  |
|      | 37° 54' 39"  | 200.4 |           |            |
| 3481 |              |       | 438695.97 | 1214857.85 |
|      | 37° 53' 56"  | 27.2  |           |            |
| 3482 |              |       | 438717.41 | 1214874.54 |
|      | 66° 22' 14"  | 1     |           |            |
| 3483 |              |       | 438717.83 | 1214875.5  |
|      | 88° 40' 5"   | 163.9 |           |            |

|      |              |       |           |            |
|------|--------------|-------|-----------|------------|
| 3484 |              |       | 438721.64 | 1215039.38 |
|      | 88° 44' 36"  | 217.5 |           |            |
| 3485 |              |       | 438726.41 | 1215256.84 |
|      | 88° 50' 10"  | 305.3 |           |            |
| 3486 |              |       | 438732.61 | 1215562.04 |
|      | 87° 7' 10"   | 19.1  |           |            |
| 3487 |              |       | 438733.57 | 1215581.12 |
|      | 89° 18' 54"  | 279.5 |           |            |
| 3488 |              |       | 438736.91 | 1215860.57 |
|      | 88° 26' 20"  | 245.2 |           |            |
| 3489 |              |       | 438743.59 | 1216105.68 |
|      | 88° 41' 51"  | 218.2 |           |            |
| 3490 |              |       | 438748.55 | 1216323.86 |
|      | 88° 41' 4"   | 12.6  |           |            |
| 3491 |              |       | 438748.84 | 1216336.49 |
|      | 190° 5' 42"  | 131.7 |           |            |
| 3492 |              |       | 438619.15 | 1216313.4  |
|      | 104° 54' 23" | 8.9   |           |            |
| 3493 |              |       | 438616.85 | 1216322.04 |
|      | 76° 44' 36"  | 61    |           |            |
| 3494 |              |       | 438630.83 | 1216381.38 |
|      | 91° 33' 2"   | 44.3  |           |            |
| 3495 |              |       | 438629.63 | 1216425.71 |
|      | 74° 54' 13"  | 16.1  |           |            |
| 3496 |              |       | 438633.83 | 1216441.28 |
|      | 46° 45' 2"   | 62.5  |           |            |
| 3497 |              |       | 438676.65 | 1216486.8  |
|      | 88° 4' 1"    | 27.3  |           |            |
| 3498 |              |       | 438677.57 | 1216514.06 |
|      | 111° 59' 16" | 73.6  |           |            |
| 3499 |              |       | 438650    | 1216582.34 |
|      | 88° 30' 34"  | 23.1  |           |            |
| 3500 |              |       | 438650.6  | 1216605.4  |
|      | 49° 56' 50"  | 17.2  |           |            |
| 3501 |              |       | 438661.68 | 1216618.58 |
|      | 40° 33' 14"  | 73.7  |           |            |
| 3502 |              |       | 438717.68 | 1216666.5  |
|      | 45° 54' 55"  | 79.2  |           |            |
| 3503 |              |       | 438772.79 | 1216723.4  |
|      | 62° 48' 49"  | 36.7  |           |            |
| 3504 |              |       | 438789.56 | 1216756.05 |
|      | 99° 35' 45"  | 19.7  |           |            |
| 3505 |              |       | 438786.27 | 1216775.51 |
|      | 183° 37' 39" | 23.7  |           |            |
| 3506 |              |       | 438762.61 | 1216774.01 |
|      | 201° 39' 57" | 50.3  |           |            |
| 3507 |              |       | 438715.89 | 1216755.45 |
|      | 206° 59' 46" | 17.8  |           |            |
| 3508 |              |       | 438700.01 | 1216747.36 |
|      | 142° 36' 40" | 6.4   |           |            |
| 3509 |              |       | 438694.92 | 1216751.25 |
|      | 87° 23' 36"  | 19.8  |           |            |
| 3510 |              |       | 438695.82 | 1216771.02 |
|      | 49° 7' 29"   | 26.5  |           |            |
| 3511 |              |       | 438713.19 | 1216791.09 |
|      | 30° 57' 24"  | 69.8  |           |            |
| 3512 |              |       | 438773.09 | 1216827.02 |
|      | 35° 48' 29"  | 51.7  |           |            |
| 3513 |              |       | 438815.02 | 1216857.27 |
|      | 45° 46' 25"  | 47.7  |           |            |

|      |              |      |           |            |
|------|--------------|------|-----------|------------|
| 3514 |              |      | 438848.26 | 1216891.42 |
|      | 73° 47' 52"  | 19.3 |           |            |
| 3515 |              |      | 438853.65 | 1216909.97 |
|      | 53° 56' 5"   | 17.8 |           |            |
| 3516 |              |      | 438864.13 | 1216924.36 |
|      | 23° 48' 36"  | 25.2 |           |            |
| 3517 |              |      | 438887.2  | 1216934.54 |
|      | 46° 58' 59"  | 23.7 |           |            |
| 3518 |              |      | 438903.37 | 1216951.87 |
|      | 64° 30' 3"   | 85.6 |           |            |
| 3519 |              |      | 438940.21 | 1217029.11 |
|      | 45° 44' 24"  | 47.6 |           |            |
| 3520 |              |      | 438973.45 | 1217063.22 |
|      | 33° 20' 21"  | 67   |           |            |
| 3521 |              |      | 439029.45 | 1217100.06 |
|      | 25° 20' 52"  | 66.9 |           |            |
| 3522 |              |      | 439089.95 | 1217128.72 |
|      | 35° 57' 42"  | 27   |           |            |
| 3523 |              |      | 439111.81 | 1217144.58 |
|      | 53° 20' 54"  | 23.1 |           |            |
| 3524 |              |      | 439125.59 | 1217163.1  |
|      | 64° 4' 54"   | 50.7 |           |            |
| 3525 |              |      | 439147.75 | 1217208.7  |
|      | 58° 28' 34"  | 20.2 |           |            |
| 3526 |              |      | 439158.3  | 1217225.9  |
|      | 64° 35' 9"   | 20.9 |           |            |
| 3527 |              |      | 439167.28 | 1217244.8  |
|      | 64° 36' 45"  | 13.9 |           |            |
| 3528 |              |      | 439173.25 | 1217257.38 |
|      | 64° 34' 54"  | 18.5 |           |            |
| 3529 |              |      | 439181.21 | 1217274.13 |
|      | 58° 59' 49"  | 10.1 |           |            |
| 3530 |              |      | 439186.39 | 1217282.75 |
|      | 59° 0' 24"   | 16.6 |           |            |
| 3531 |              |      | 439194.95 | 1217297    |
|      | 59° 3' 23"   | 4.9  |           |            |
| 3532 |              |      | 439197.45 | 1217301.17 |
|      | 59° 0' 51"   | 13.4 |           |            |
| 3533 |              |      | 439204.35 | 1217312.66 |
|      | 59° 2' 10"   | 2.7  |           |            |
| 3534 |              |      | 439205.76 | 1217315.01 |
|      | 59° 55' 53"  | 17.1 |           |            |
| 3535 |              |      | 439214.34 | 1217329.83 |
|      | 59° 55' 40"  | 15   |           |            |
| 3536 |              |      | 439221.85 | 1217342.8  |
|      | 26° 19' 24"  | 35   |           |            |
| 3537 |              |      | 439253.24 | 1217358.33 |
|      | 24° 40' 36"  | 0.4  |           |            |
| 3538 |              |      | 439253.61 | 1217358.5  |
|      | 24° 52' 59"  | 10.4 |           |            |
| 3539 |              |      | 439263.01 | 1217362.86 |
|      | 309° 51' 31" | 2.8  |           |            |
| 3540 |              |      | 439264.78 | 1217360.74 |
|      | 302° 53' 26" | 13.7 |           |            |
| 3541 |              |      | 439272.23 | 1217349.22 |
|      | 49° 45' 40"  | 14.1 |           |            |
| 3542 |              |      | 439281.31 | 1217359.95 |
|      | 49° 46' 0"   | 21.1 |           |            |
| 3543 |              |      | 439294.94 | 1217376.06 |
|      | 40° 55' 9"   | 29.7 |           |            |

|      |              |       |           |            |
|------|--------------|-------|-----------|------------|
| 3544 |              |       | 439317.39 | 1217395.52 |
|      | 61° 11' 38"  | 58.4  |           |            |
| 3545 |              |       | 439345.55 | 1217446.73 |
|      | 63° 26' 32"  | 69    |           |            |
| 3546 |              |       | 439376.39 | 1217508.43 |
|      | 54° 30' 44"  | 34.6  |           |            |
| 3547 |              |       | 439396.46 | 1217536.58 |
|      | 62° 8' 29"   | 65.4  |           |            |
| 3548 |              |       | 439427.01 | 1217594.38 |
|      | 59° 26' 57"  | 86.6  |           |            |
| 3549 |              |       | 439471.03 | 1217668.96 |
|      | 60° 26' 4"   | 92.3  |           |            |
| 3550 |              |       | 439516.56 | 1217749.22 |
|      | 65° 43' 24"  | 94    |           |            |
| 3551 |              |       | 439555.19 | 1217834.87 |
|      | 51° 47' 51"  | 59.1  |           |            |
| 3552 |              |       | 439591.73 | 1217881.3  |
|      | 42° 55' 33"  | 52.8  |           |            |
| 3553 |              |       | 439630.36 | 1217917.23 |
|      | 71° 0' 12"   | 86.5  |           |            |
| 3554 |              |       | 439658.51 | 1217999    |
|      | 53° 37' 40"  | 33.8  |           |            |
| 3555 |              |       | 439678.58 | 1218026.25 |
|      | 44° 25' 33"  | 42.4  |           |            |
| 3556 |              |       | 439708.83 | 1218055.9  |
|      | 57° 57' 54"  | 66.1  |           |            |
| 3557 |              |       | 439743.87 | 1218111.9  |
|      | 69° 26' 50"  | 76.8  |           |            |
| 3558 |              |       | 439770.82 | 1218183.78 |
|      | 54° 2' 10"   | 79.6  |           |            |
| 3559 |              |       | 439817.54 | 1218248.17 |
|      | 48° 31' 6"   | 20    |           |            |
| 3560 |              |       | 439830.82 | 1218263.19 |
|      | 172° 17' 8"  | 181.1 |           |            |
| 3561 |              |       | 439651.36 | 1218287.5  |
|      | 169° 43' 58" | 125   |           |            |
| 3562 |              |       | 439528.36 | 1218309.78 |
|      | 62° 15' 49"  | 51.2  |           |            |
| 3563 |              |       | 439552.19 | 1218355.1  |
|      | 68° 57' 59"  | 282.2 |           |            |
| 3564 |              |       | 439653.48 | 1218618.51 |
|      | 69° 23' 20"  | 37.8  |           |            |
| 3565 |              |       | 439666.79 | 1218653.9  |
|      | 68° 29' 58"  | 264.4 |           |            |
| 3566 |              |       | 439763.71 | 1218899.94 |
|      | 354° 2' 27"  | 189.3 |           |            |
| 3567 |              |       | 439951.96 | 1218880.29 |
|      | 93° 26' 14"  | 157.8 |           |            |
| 3568 |              |       | 439942.5  | 1219037.78 |
|      | 91° 53' 28"  | 273.6 |           |            |
| 3569 |              |       | 439933.47 | 1219311.25 |
|      | 54° 42' 27"  | 149.7 |           |            |
| 3570 |              |       | 440019.94 | 1219433.41 |
|      | 54° 24' 25"  | 114.8 |           |            |
| 3571 |              |       | 440086.74 | 1219526.74 |
|      | 13° 2' 21"   | 64.3  |           |            |
| 3572 |              |       | 440149.35 | 1219541.24 |
|      | 63° 51' 58"  | 117.6 |           |            |
| 3573 |              |       | 440201.15 | 1219646.82 |
|      | 56° 23' 49"  | 138.7 |           |            |

|      |              |      |           |            |
|------|--------------|------|-----------|------------|
| 3574 |              |      | 440277.93 | 1219762.37 |
|      | 314° 19' 26" | 33   |           |            |
| 3575 |              |      | 440300.96 | 1219738.79 |
|      | 262° 6' 29"  | 50.3 |           |            |
| 3576 |              |      | 440294.05 | 1219688.94 |
|      | 271° 12' 13" | 39   |           |            |
| 3577 |              |      | 440294.87 | 1219649.92 |
|      | 282° 31' 13" | 30   |           |            |
| 3578 |              |      | 440301.37 | 1219620.65 |
|      | 296° 5' 26"  | 30.2 |           |            |
| 3579 |              |      | 440314.67 | 1219593.49 |
|      | 316° 1' 42"  | 33.5 |           |            |
| 3580 |              |      | 440338.77 | 1219570.24 |
|      | 326° 49' 33" | 25.3 |           |            |
| 3581 |              |      | 440359.91 | 1219556.42 |
|      | 357° 43' 2"  | 20.3 |           |            |
| 3582 |              |      | 440380.23 | 1219555.61 |
|      | 351° 1' 31"  | 31.3 |           |            |
| 3583 |              |      | 440411.13 | 1219550.73 |
|      | 355° 46' 3"  | 27   |           |            |
| 3584 |              |      | 440438.02 | 1219548.74 |
|      | 343° 33' 30" | 49.2 |           |            |
| 3585 |              |      | 440485.19 | 1219534.82 |
|      | 308° 39' 55" | 31.6 |           |            |
| 3586 |              |      | 440504.93 | 1219510.15 |
|      | 277° 15' 21" | 30.4 |           |            |
| 3587 |              |      | 440508.77 | 1219479.99 |
|      | 287° 24' 48" | 38.5 |           |            |
| 3588 |              |      | 440520.29 | 1219443.26 |
|      | 303° 29' 14" | 44.7 |           |            |
| 3589 |              |      | 440544.96 | 1219405.97 |
|      | 318° 55' 0"  | 28.4 |           |            |
| 3590 |              |      | 440566.34 | 1219387.33 |
|      | 333° 43' 43" | 47.1 |           |            |
| 3591 |              |      | 440608.56 | 1219366.49 |
|      | 333° 38' 19" | 70.4 |           |            |
| 3592 |              |      | 440671.62 | 1219335.24 |
|      | 347° 39' 13" | 38.5 |           |            |
| 3593 |              |      | 440709.22 | 1219327.01 |
|      | 322° 14' 46" | 27.7 |           |            |
| 3594 |              |      | 440731.16 | 1219310.02 |
|      | 345° 36' 2"  | 64.3 |           |            |
| 3595 |              |      | 440793.44 | 1219294.03 |
|      | 18° 52' 11"  | 49.2 |           |            |
| 3596 |              |      | 440839.96 | 1219309.93 |
|      | 76° 10' 4"   | 80.3 |           |            |
| 3597 |              |      | 440859.15 | 1219387.87 |
|      | 64° 53' 58"  | 43.9 |           |            |
| 3598 |              |      | 440877.78 | 1219427.64 |
|      | 23° 4' 51"   | 22.4 |           |            |
| 3599 |              |      | 440898.36 | 1219436.41 |
|      | 341° 12' 9"  | 26.5 |           |            |
| 3600 |              |      | 440923.45 | 1219427.87 |
|      | 307° 31' 10" | 19.9 |           |            |
| 3601 |              |      | 440935.59 | 1219412.06 |
|      | 301° 58' 33" | 47.5 |           |            |
| 3602 |              |      | 440960.73 | 1219371.79 |
|      | 322° 34' 25" | 48.6 |           |            |
| 3603 |              |      | 440999.33 | 1219342.25 |
|      | 357° 30' 56" | 37.8 |           |            |

|      |              |      |           |            |
|------|--------------|------|-----------|------------|
| 3604 |              |      | 441037.13 | 1219340.61 |
|      | 4° 33' 15"   | 16.4 |           |            |
| 3605 |              |      | 441053.45 | 1219341.91 |
|      | 319° 22' 32" | 38   |           |            |
| 3606 |              |      | 441082.29 | 1219317.17 |
|      | 336° 23' 26" | 37.7 |           |            |
| 3607 |              |      | 441116.86 | 1219302.06 |
|      | 329° 2' 33"  | 45.8 |           |            |
| 3608 |              |      | 441156.17 | 1219278.48 |
|      | 314° 2' 1"   | 31.4 |           |            |
| 3609 |              |      | 441178.03 | 1219255.87 |
|      | 311° 19' 31" | 52.2 |           |            |
| 3610 |              |      | 441212.49 | 1219216.68 |
|      | 328° 54' 20" | 44.4 |           |            |
| 3611 |              |      | 441250.51 | 1219193.75 |
|      | 346° 39' 36" | 38.3 |           |            |
| 3612 |              |      | 441287.79 | 1219184.91 |
|      | 14° 8' 33"   | 39.2 |           |            |
| 3613 |              |      | 441325.81 | 1219194.49 |
|      | 26° 48' 38"  | 44.8 |           |            |
| 3614 |              |      | 441365.82 | 1219214.71 |
|      | 35° 12' 41"  | 18.2 |           |            |
| 3615 |              |      | 441380.67 | 1219225.19 |
|      | 7° 55' 12"   | 28.2 |           |            |
| 3616 |              |      | 441408.56 | 1219229.07 |
|      | 56° 2' 7"    | 34.2 |           |            |
| 3617 |              |      | 441427.65 | 1219257.41 |
|      | 73° 8' 29"   | 31   |           |            |
| 3618 |              |      | 441436.65 | 1219287.11 |
|      | 87° 49' 5"   | 28.6 |           |            |
| 3619 |              |      | 441437.74 | 1219315.72 |
|      | 105° 52' 32" | 53.1 |           |            |
| 3620 |              |      | 441423.21 | 1219366.81 |
|      | 117° 50' 4"  | 84.6 |           |            |
| 3621 |              |      | 441383.72 | 1219441.6  |
|      | 127° 33' 22" | 48.1 |           |            |
| 3622 |              |      | 441354.41 | 1219479.72 |
|      | 127° 17' 30" | 28.5 |           |            |
| 3623 |              |      | 441337.13 | 1219502.41 |
|      | 112° 24' 5"  | 34.9 |           |            |
| 3624 |              |      | 441323.82 | 1219534.7  |
|      | 101° 58' 10" | 31.7 |           |            |
| 3625 |              |      | 441317.25 | 1219565.69 |
|      | 98° 20' 6"   | 26.5 |           |            |
| 3626 |              |      | 441313.41 | 1219591.9  |
|      | 69° 19' 49"  | 39.6 |           |            |
| 3627 |              |      | 441327.38 | 1219628.93 |
|      | 73° 36' 46"  | 40.6 |           |            |
| 3628 |              |      | 441338.84 | 1219667.9  |
|      | 81° 14' 33"  | 31.1 |           |            |
| 3629 |              |      | 441343.58 | 1219698.67 |
|      | 58° 27' 10"  | 46.5 |           |            |
| 3630 |              |      | 441367.91 | 1219738.3  |
|      | 54° 12' 31"  | 47.8 |           |            |
| 3631 |              |      | 441395.87 | 1219777.08 |
|      | 45° 32' 27"  | 56.2 |           |            |
| 3632 |              |      | 441435.21 | 1219817.17 |
|      | 48° 51' 15"  | 14.7 |           |            |
| 3633 |              |      | 441444.9  | 1219828.26 |
|      | 58° 30' 29"  | 50.6 |           |            |



|      |              |         |           |            |
|------|--------------|---------|-----------|------------|
| 3634 |              |         | 441471.34 | 1219871.42 |
|      | 78° 36' 5"   | 40.6    |           |            |
| 3635 |              |         | 441479.37 | 1219911.25 |
|      | 90° 23' 15"  | 51.7    |           |            |
| 3636 |              |         | 441479.02 | 1219962.97 |
|      | 100° 13' 20" | 47.2    |           |            |
| 3637 |              |         | 441470.64 | 1220009.44 |
|      | 110° 58' 10" | 44.9    |           |            |
| 3638 |              |         | 441454.57 | 1220051.37 |
|      | 120° 53' 2"  | 39.5    |           |            |
| 3639 |              |         | 441434.3  | 1220085.26 |
|      | 105° 5' 51"  | 32.2    |           |            |
| 3640 |              |         | 441425.91 | 1220116.36 |
|      | 90° 41' 56"  | 49.2    |           |            |
| 3641 |              |         | 441425.31 | 1220165.54 |
|      | 71° 19' 51"  | 73.6    |           |            |
| 3642 |              |         | 441448.86 | 1220235.24 |
|      | 58° 0' 5"    | 60.9    |           |            |
| 3643 |              |         | 441481.12 | 1220286.87 |
|      | 56° 16' 27"  | 80.5    |           |            |
| 3644 |              |         | 441525.84 | 1220353.86 |
|      | 49° 27' 8"   | 44      |           |            |
| 3645 |              |         | 441554.44 | 1220387.29 |
|      | 26° 21' 8"   | 42.2    |           |            |
| 3646 |              |         | 441592.23 | 1220406.01 |
|      | 37° 51' 45"  | 36.5    |           |            |
| 3647 |              |         | 441621.03 | 1220428.4  |
|      | 47° 4' 26"   | 40.1    |           |            |
| 3648 |              |         | 441648.31 | 1220457.73 |
|      | 61° 37' 8"   | 45.4    |           |            |
| 3649 |              |         | 441669.91 | 1220497.71 |
|      | 60° 24' 49"  | 26.9    |           |            |
| 3650 |              |         | 441683.19 | 1220521.1  |
|      | 23° 7' 46"   | 54.4    |           |            |
| 3651 |              |         | 441733.22 | 1220542.47 |
|      | 57° 22' 48"  | 39.9    |           |            |
| 3652 |              |         | 441754.75 | 1220576.11 |
|      | 50° 30' 48"  | 29.7    |           |            |
| 3653 |              |         | 441773.61 | 1220599    |
|      | 125° 39' 38" | 16.8    |           |            |
| 3654 |              |         | 441763.83 | 1220612.63 |
|      | 136° 4' 31"  | 437.4   |           |            |
| 3655 |              |         | 441448.78 | 1220916.07 |
|      | 135° 48' 40" | 115.4   |           |            |
| 3656 |              |         | 441366.06 | 1220996.48 |
|      | 44° 43' 36"  | 1 098.6 |           |            |
| 3657 |              |         | 442146.59 | 1221769.6  |
|      | 44° 46' 34"  | 506.7   |           |            |
| 3658 |              |         | 442506.28 | 1222126.49 |
|      | 53° 31' 50"  | 274.4   |           |            |
| 3659 |              |         | 442669.37 | 1222347.14 |
|      | 6° 34' 4"    | 309.7   |           |            |
| 3660 |              |         | 442977.01 | 1222382.56 |
|      | 5° 51' 56"   | 33.1    |           |            |
| 3661 |              |         | 443009.91 | 1222385.94 |
|      | 6° 6' 52"    | 823     |           |            |
| 3662 |              |         | 443828.27 | 1222473.61 |
|      | 359° 20' 37" | 27.9    |           |            |
| 3663 |              |         | 443856.21 | 1222473.29 |
|      | 6° 31' 53"   | 1 009.7 |           |            |

|      |             |       |           |            |
|------|-------------|-------|-----------|------------|
| 3664 |             |       | 444859.32 | 1222588.14 |
|      | 86° 20' 11" | 268.6 |           |            |
| 3665 |             |       | 444876.48 | 1222856.16 |
|      | 86° 20' 6"  | 265.3 |           |            |
| 3666 |             |       | 444893.44 | 1223120.94 |
|      | 75° 11' 4"  | 93.3  |           |            |
| 3667 |             |       | 444917.29 | 1223211.11 |
|      | 70° 13' 52" | 80.8  |           |            |
| 3668 |             |       | 444944.63 | 1223287.18 |
|      | 46° 58' 17" | 23.8  |           |            |
| 3669 |             |       | 444960.9  | 1223304.61 |
|      | 41° 50' 40" | 47.8  |           |            |
| 3670 |             |       | 444996.5  | 1223336.49 |
|      | 53° 19' 43" | 80.2  |           |            |
| 3671 |             |       | 445044.37 | 1223400.78 |
|      | 45° 32' 7"  | 65.8  |           |            |
| 3672 |             |       | 445090.49 | 1223447.77 |
|      | 43° 24' 22" | 17.8  |           |            |
| 3673 |             |       | 445103.42 | 1223460    |
|      | 31° 28' 31" | 33.8  |           |            |
| 3674 |             |       | 445132.25 | 1223477.65 |
|      | 52° 55' 23" | 18.8  |           |            |
| 3675 |             |       | 445143.6  | 1223492.67 |
|      | 56° 56' 42" | 26.3  |           |            |
| 3676 |             |       | 445157.93 | 1223514.69 |
|      | 47° 11' 8"  | 26    |           |            |
| 3677 |             |       | 445175.57 | 1223533.73 |
|      | 32° 51' 40" | 27    |           |            |
| 3678 |             |       | 445198.28 | 1223548.4  |
|      | 23° 22' 2"  | 39.2  |           |            |
| 3679 |             |       | 445234.27 | 1223563.95 |
|      | 18° 26' 37" | 41.4  |           |            |
| 3680 |             |       | 445273.58 | 1223577.06 |
|      | 8° 30' 16"  | 26    |           |            |
| 3681 |             |       | 445299.26 | 1223580.9  |
|      | 13° 42' 11" | 22.1  |           |            |
| 3682 |             |       | 445320.75 | 1223586.14 |
|      | 32° 2' 13"  | 28.7  |           |            |
| 3683 |             |       | 445345.04 | 1223601.34 |
|      | 60° 11' 15" | 17.9  |           |            |
| 3684 |             |       | 445353.95 | 1223616.89 |
|      | 60° 59' 37" | 18.4  |           |            |
| 3685 |             |       | 445362.86 | 1223632.96 |
|      | 52° 24' 58" | 27.8  |           |            |
| 3686 |             |       | 445379.8  | 1223654.97 |
|      | 33° 25' 27" | 20.9  |           |            |
| 3687 |             |       | 445397.27 | 1223666.5  |
|      | 14° 53' 0"  | 17.7  |           |            |
| 3688 |             |       | 445414.39 | 1223671.05 |
|      | 11° 29' 45" | 209.5 |           |            |
| 3689 |             |       | 445619.67 | 1223712.8  |
|      | 4° 38' 10"  | 79.9  |           |            |
| 3690 |             |       | 445699.33 | 1223719.26 |
|      | 6° 37' 27"  | 24.3  |           |            |
| 3691 |             |       | 445723.44 | 1223722.06 |
|      | 17° 17' 56" | 22.3  |           |            |
| 3692 |             |       | 445744.76 | 1223728.7  |
|      | 43° 12' 4"  | 86.5  |           |            |
| 3693 |             |       | 445807.82 | 1223787.92 |
|      | 37° 52' 35" | 91.6  |           |            |

|      |              |      |           |            |
|------|--------------|------|-----------|------------|
| 3694 |              |      | 445880.15 | 1223844.18 |
|      | 36° 19' 38"  | 82   |           |            |
| 3695 |              |      | 445946.19 | 1223892.74 |
|      | 25° 44' 14"  | 32.2 |           |            |
| 3696 |              |      | 445975.19 | 1223906.72 |
|      | 7° 47' 24"   | 25.7 |           |            |
| 3697 |              |      | 446000.7  | 1223910.21 |
|      | 345° 15' 47" | 52   |           |            |
| 3698 |              |      | 446050.96 | 1223896.99 |
|      | 317° 29' 39" | 7.3  |           |            |
| 3699 |              |      | 446056.35 | 1223892.05 |
|      | 331° 3' 42"  | 32.5 |           |            |
| 3700 |              |      | 446084.8  | 1223876.32 |
|      | 330° 59' 12" | 29.6 |           |            |
| 3701 |              |      | 446110.71 | 1223861.95 |
|      | 316° 18' 16" | 13.7 |           |            |
| 3702 |              |      | 446120.59 | 1223852.51 |
|      | 306° 51' 19" | 24   |           |            |
| 3703 |              |      | 446134.96 | 1223833.34 |
|      | 315° 58' 19" | 12.9 |           |            |
| 3704 |              |      | 446144.25 | 1223824.36 |
|      | 323° 15' 43" | 14.8 |           |            |
| 3705 |              |      | 446156.08 | 1223815.53 |
|      | 332° 21' 28" | 18.1 |           |            |
| 3706 |              |      | 446172.1  | 1223807.14 |
|      | 313° 44' 35" | 14.5 |           |            |
| 3707 |              |      | 446182.13 | 1223796.66 |
|      | 307° 44' 0"  | 14.2 |           |            |
| 3708 |              |      | 446190.82 | 1223785.43 |
|      | 288° 15' 41" | 16.7 |           |            |
| 3709 |              |      | 446196.06 | 1223769.55 |
|      | 293° 11' 33" | 12.5 |           |            |
| 3710 |              |      | 446201    | 1223758.02 |
|      | 311° 37' 39" | 16.2 |           |            |
| 3711 |              |      | 446211.78 | 1223745.89 |
|      | 320° 24' 48" | 15.7 |           |            |
| 3712 |              |      | 446223.91 | 1223735.86 |
|      | 308° 34' 42" | 13.2 |           |            |
| 3713 |              |      | 446232.15 | 1223725.53 |
|      | 299° 25' 56" | 13.4 |           |            |
| 3714 |              |      | 446238.74 | 1223713.85 |
|      | 296° 7' 55"  | 18.3 |           |            |
| 3715 |              |      | 446246.82 | 1223697.38 |
|      | 277° 16' 21" | 15.4 |           |            |
| 3716 |              |      | 446248.77 | 1223682.1  |
|      | 272° 5' 10"  | 49.4 |           |            |
| 3717 |              |      | 446250.57 | 1223632.69 |
|      | 280° 47' 17" | 13.6 |           |            |
| 3718 |              |      | 446253.11 | 1223619.36 |
|      | 284° 22' 14" | 13.3 |           |            |
| 3719 |              |      | 446256.41 | 1223606.48 |
|      | 311° 51' 28" | 15.5 |           |            |
| 3720 |              |      | 446266.74 | 1223594.95 |
|      | 318° 49' 10" | 19.1 |           |            |
| 3721 |              |      | 446281.12 | 1223582.37 |
|      | 340° 9' 1"   | 49.8 |           |            |
| 3722 |              |      | 446327.99 | 1223565.45 |
|      | 322° 55' 10" | 16.9 |           |            |
| 3723 |              |      | 446341.46 | 1223555.27 |
|      | 302° 14' 24" | 23   |           |            |

|      |              |       |           |            |
|------|--------------|-------|-----------|------------|
| 3724 |              |       | 446353.74 | 1223535.8  |
|      | 296° 58' 51" | 37    |           |            |
| 3725 |              |       | 446370.51 | 1223502.86 |
|      | 305° 57' 17" | 20.9  |           |            |
| 3726 |              |       | 446382.79 | 1223485.93 |
|      | 315° 1' 23"  | 17.6  |           |            |
| 3727 |              |       | 446395.22 | 1223473.51 |
|      | 325° 28' 52" | 17.5  |           |            |
| 3728 |              |       | 446409.6  | 1223463.62 |
|      | 334° 7' 5"   | 28.1  |           |            |
| 3729 |              |       | 446434.91 | 1223451.34 |
|      | 340° 52' 39" | 27.4  |           |            |
| 3730 |              |       | 446460.81 | 1223442.36 |
|      | 344° 11' 6"  | 18.7  |           |            |
| 3731 |              |       | 446478.78 | 1223437.27 |
|      | 343° 58' 0"  | 38.5  |           |            |
| 3732 |              |       | 446515.77 | 1223426.64 |
|      | 335° 20' 30" | 21.9  |           |            |
| 3733 |              |       | 446535.68 | 1223417.5  |
|      | 326° 18' 55" | 28.6  |           |            |
| 3734 |              |       | 446559.49 | 1223401.63 |
|      | 321° 30' 56" | 38.3  |           |            |
| 3735 |              |       | 446589.44 | 1223377.82 |
|      | 309° 51' 10" | 20.1  |           |            |
| 3736 |              |       | 446602.32 | 1223362.39 |
|      | 313° 4' 15"  | 25    |           |            |
| 3737 |              |       | 446619.39 | 1223344.13 |
|      | 312° 15' 1"  | 39.7  |           |            |
| 3738 |              |       | 446646.05 | 1223314.78 |
|      | 328° 21' 12" | 19.3  |           |            |
| 3739 |              |       | 446662.47 | 1223304.66 |
|      | 69° 6' 10"   | 156.6 |           |            |
| 3740 |              |       | 446718.32 | 1223450.94 |
|      | 323° 2' 40"  | 16.1  |           |            |
| 3741 |              |       | 446731.16 | 1223441.28 |
|      | 347° 15' 51" | 32.2  |           |            |
| 3742 |              |       | 446762.53 | 1223434.19 |
|      | 355° 58' 17" | 62.1  |           |            |
| 3743 |              |       | 446824.44 | 1223429.83 |
|      | 350° 36' 43" | 41.7  |           |            |
| 3744 |              |       | 446865.63 | 1223423.02 |
|      | 349° 58' 14" | 26.6  |           |            |
| 3745 |              |       | 446891.81 | 1223418.39 |
|      | 300° 17' 20" | 11.4  |           |            |
| 3746 |              |       | 446897.54 | 1223408.58 |
|      | 301° 53' 59" | 50.1  |           |            |
| 3747 |              |       | 446924    | 1223366.07 |
|      | 314° 17' 36" | 45.3  |           |            |
| 3748 |              |       | 446955.64 | 1223333.64 |
|      | 321° 3' 6"   | 45.9  |           |            |
| 3749 |              |       | 446991.37 | 1223304.76 |
|      | 335° 15' 38" | 34.5  |           |            |
| 3750 |              |       | 447022.73 | 1223290.31 |
|      | 346° 29' 58" | 58.3  |           |            |
| 3751 |              |       | 447079.46 | 1223276.69 |
|      | 352° 10' 23" | 38.5  |           |            |
| 3752 |              |       | 447117.58 | 1223271.45 |
|      | 13° 13' 3"   | 30    |           |            |
| 3753 |              |       | 447146.83 | 1223278.32 |
|      | 27° 54' 21"  | 23.9  |           |            |

|      |              |      |           |            |
|------|--------------|------|-----------|------------|
| 3754 |              |      | 447167.94 | 1223289.5  |
|      | 37° 54' 42"  | 53.1 |           |            |
| 3755 |              |      | 447209.85 | 1223322.14 |
|      | 52° 28' 34"  | 21   |           |            |
| 3756 |              |      | 447222.66 | 1223338.82 |
|      | 72° 15' 48"  | 62   |           |            |
| 3757 |              |      | 447241.55 | 1223397.88 |
|      | 76° 36' 5"   | 17.7 |           |            |
| 3758 |              |      | 447245.64 | 1223415.05 |
|      | 66° 59' 18"  | 31.4 |           |            |
| 3759 |              |      | 447257.91 | 1223443.94 |
|      | 63° 23' 17"  | 16.5 |           |            |
| 3760 |              |      | 447265.28 | 1223458.65 |
|      | 56° 27' 1"   | 27.1 |           |            |
| 3761 |              |      | 447280.28 | 1223481.27 |
|      | 305° 12' 10" | 11.3 |           |            |
| 3762 |              |      | 447286.82 | 1223472    |
|      | 90° 0' 0"    | 33.2 |           |            |
| 3763 |              |      | 447286.82 | 1223438.76 |
|      | 281° 7' 19"  | 15.6 |           |            |
| 3764 |              |      | 447289.82 | 1223423.5  |
|      | 287° 18' 22" | 12.8 |           |            |
| 3765 |              |      | 447293.64 | 1223411.24 |
|      | 295° 36' 39" | 14.5 |           |            |
| 3766 |              |      | 447299.91 | 1223398.16 |
|      | 311° 13' 23" | 11.6 |           |            |
| 3767 |              |      | 447307.55 | 1223389.44 |
|      | 320° 51' 2"  | 9.5  |           |            |
| 3768 |              |      | 447314.92 | 1223383.44 |
|      | 336° 58' 35" | 25.8 |           |            |
| 3769 |              |      | 447338.64 | 1223373.36 |
|      | 357° 12' 37" | 22.4 |           |            |
| 3770 |              |      | 447361.01 | 1223372.27 |
|      | 17° 43' 34"  | 21.5 |           |            |
| 3771 |              |      | 447381.47 | 1223378.81 |
|      | 28° 20' 28"  | 54.5 |           |            |
| 3772 |              |      | 447429.47 | 1223404.7  |
|      | 36° 28' 10"  | 58.7 |           |            |
| 3773 |              |      | 447476.66 | 1223439.58 |
|      | 43° 32' 20"  | 53.8 |           |            |
| 3774 |              |      | 447515.66 | 1223476.64 |
|      | 41° 56' 8"   | 54.6 |           |            |
| 3775 |              |      | 447556.3  | 1223513.15 |
|      | 50° 0' 22"   | 48.4 |           |            |
| 3776 |              |      | 447587.39 | 1223550.21 |
|      | 67° 47' 6"   | 36.8 |           |            |
| 3777 |              |      | 447601.3  | 1223584.27 |
|      | 66° 44' 34"  | 56.7 |           |            |
| 3778 |              |      | 447623.67 | 1223636.32 |
|      | 93° 30' 53"  | 13.4 |           |            |
| 3779 |              |      | 447622.85 | 1223649.67 |
|      | 70° 21' 55"  | 58.4 |           |            |
| 3780 |              |      | 447642.49 | 1223704.72 |
|      | 77° 59' 40"  | 35.4 |           |            |
| 3781 |              |      | 447649.85 | 1223739.33 |
|      | 77° 51' 51"  | 11.7 |           |            |
| 3782 |              |      | 447652.31 | 1223750.77 |
|      | 94° 7' 51"   | 34.1 |           |            |
| 3783 |              |      | 447649.85 | 1223784.83 |
|      | 102° 4' 32"  | 44.3 |           |            |

|      |              |      |           |            |
|------|--------------|------|-----------|------------|
| 3784 |              |      | 447640.58 | 1223828.16 |
|      | 114° 13' 52" | 38.5 |           |            |
| 3785 |              |      | 447624.76 | 1223863.31 |
|      | 84° 40' 15"  | 29.3 |           |            |
| 3786 |              |      | 447627.48 | 1223892.47 |
|      | 69° 29' 38"  | 24.2 |           |            |
| 3787 |              |      | 447635.94 | 1223915.09 |
|      | 47° 16' 7"   | 19.3 |           |            |
| 3788 |              |      | 447649.03 | 1223929.26 |
|      | 41° 9' 12"   | 11.6 |           |            |
| 3789 |              |      | 447657.76 | 1223936.89 |
|      | 11° 58' 54"  | 9.2  |           |            |
| 3790 |              |      | 447666.76 | 1223938.8  |
|      | 342° 48' 41" | 15.7 |           |            |
| 3791 |              |      | 447681.76 | 1223934.16 |
|      | 337° 23' 22" | 18.9 |           |            |
| 3792 |              |      | 447699.24 | 1223926.88 |
|      | 344° 47' 1"  | 15.5 |           |            |
| 3793 |              |      | 447714.24 | 1223922.8  |
|      | 322° 54' 13" | 12.7 |           |            |
| 3794 |              |      | 447724.33 | 1223915.17 |
|      | 346° 57' 44" | 23   |           |            |
| 3795 |              |      | 447746.7  | 1223909.99 |
|      | 357° 15' 8"  | 11.5 |           |            |
| 3796 |              |      | 447758.16 | 1223909.44 |
|      | 25° 11' 21"  | 20.5 |           |            |
| 3797 |              |      | 447776.7  | 1223918.16 |
|      | 25° 50' 51"  | 20   |           |            |
| 3798 |              |      | 447794.7  | 1223926.88 |
|      | 33° 53' 59"  | 37.1 |           |            |
| 3799 |              |      | 447825.52 | 1223947.59 |
|      | 56° 21' 22"  | 48.2 |           |            |
| 3800 |              |      | 447852.2  | 1223987.68 |
|      | 69° 43' 19"  | 93.8 |           |            |
| 3801 |              |      | 447884.71 | 1224075.67 |
|      | 69° 18' 6"   | 57.1 |           |            |
| 3802 |              |      | 447904.89 | 1224129.08 |
|      | 77° 22' 23"  | 39.9 |           |            |
| 3803 |              |      | 447913.62 | 1224168.05 |
|      | 88° 51' 21"  | 19   |           |            |
| 3804 |              |      | 447914    | 1224187.08 |
|      | 65° 51' 10"  | 33.1 |           |            |
| 3805 |              |      | 447927.53 | 1224217.26 |
|      | 58° 0' 36"   | 50.9 |           |            |
| 3806 |              |      | 447954.47 | 1224260.39 |
|      | 57° 39' 41"  | 96.3 |           |            |
| 3807 |              |      | 448005.98 | 1224341.75 |
|      | 52° 9' 26"   | 20.3 |           |            |
| 3808 |              |      | 448018.41 | 1224357.75 |
|      | 63° 1' 24"   | 19.9 |           |            |
| 3809 |              |      | 448027.45 | 1224375.51 |
|      | 82° 52' 52"  | 11.3 |           |            |
| 3810 |              |      | 448028.85 | 1224386.72 |
|      | 87° 20' 56"  | 13.4 |           |            |
| 3811 |              |      | 448029.47 | 1224400.11 |
|      | 102° 37' 34" | 12.1 |           |            |
| 3812 |              |      | 448026.82 | 1224411.94 |
|      | 130° 50' 59" | 15.2 |           |            |
| 3813 |              |      | 448016.85 | 1224423.47 |
|      | 152° 25' 2"  | 11.1 |           |            |

|      |              |      |           |            |
|------|--------------|------|-----------|------------|
| 3814 |              |      | 448007.03 | 1224428.6  |
|      | 165° 50' 24" | 19.1 |           |            |
| 3815 |              |      | 447988.48 | 1224433.28 |
|      | 177° 46' 1"  | 8    |           |            |
| 3816 |              |      | 447980.53 | 1224433.59 |
|      | 182° 35' 24" | 16.8 |           |            |
| 3817 |              |      | 447963.73 | 1224432.83 |
|      | 171° 57' 38" | 13.4 |           |            |
| 3818 |              |      | 447950.49 | 1224434.7  |
|      | 178° 57' 34" | 8.3  |           |            |
| 3819 |              |      | 447942.23 | 1224434.85 |
|      | 185° 29' 47" | 35.7 |           |            |
| 3820 |              |      | 447906.69 | 1224431.43 |
|      | 161° 49' 59" | 11.5 |           |            |
| 3821 |              |      | 447895.78 | 1224435.01 |
|      | 162° 55' 7"  | 25.4 |           |            |
| 3822 |              |      | 447871.47 | 1224442.48 |
|      | 173° 2' 26"  | 19.3 |           |            |
| 3823 |              |      | 447852.3  | 1224444.82 |
|      | 187° 36' 52" | 9.4  |           |            |
| 3824 |              |      | 447842.95 | 1224443.57 |
|      | 194° 45' 53" | 17.7 |           |            |
| 3825 |              |      | 447825.8  | 1224439.05 |
|      | 168° 52' 28" | 7.3  |           |            |
| 3826 |              |      | 447818.63 | 1224440.46 |
|      | 133° 25' 24" | 11.6 |           |            |
| 3827 |              |      | 447810.68 | 1224448.86 |
|      | 103° 39' 52" | 11.2 |           |            |
| 3828 |              |      | 447808.03 | 1224459.76 |
|      | 73° 44' 14"  | 8.9  |           |            |
| 3829 |              |      | 447810.53 | 1224468.33 |
|      | 55° 2' 7"    | 12   |           |            |
| 3830 |              |      | 447817.39 | 1224478.14 |
|      | 47° 28' 40"  | 15.2 |           |            |
| 3831 |              |      | 447827.67 | 1224489.35 |
|      | 24° 47' 33"  | 13.7 |           |            |
| 3832 |              |      | 447840.14 | 1224495.11 |
|      | 0° 50' 24"   | 10.9 |           |            |
| 3833 |              |      | 447851.05 | 1224495.27 |
|      | 342° 32' 50" | 11.4 |           |            |
| 3834 |              |      | 447861.96 | 1224491.84 |
|      | 358° 59' 15" | 26   |           |            |
| 3835 |              |      | 447887.99 | 1224491.38 |
|      | 27° 3' 12"   | 7.9  |           |            |
| 3836 |              |      | 447895    | 1224494.96 |
|      | 29° 43' 40"  | 12.6 |           |            |
| 3837 |              |      | 447905.91 | 1224501.19 |
|      | 31° 42' 35"  | 16.9 |           |            |
| 3838 |              |      | 447920.25 | 1224510.05 |
|      | 42° 38' 14"  | 21.6 |           |            |
| 3839 |              |      | 447936.15 | 1224524.69 |
|      | 31° 22' 59"  | 14.1 |           |            |
| 3840 |              |      | 447948.15 | 1224532.01 |
|      | 18° 24' 19"  | 12.3 |           |            |
| 3841 |              |      | 447959.84 | 1224535.9  |
|      | 3° 4' 50"    | 5.8  |           |            |
| 3842 |              |      | 447965.6  | 1224536.21 |
|      | 334° 58' 13" | 5.5  |           |            |
| 3843 |              |      | 447970.59 | 1224533.88 |
|      | 320° 23' 13" | 13   |           |            |

|      |              |      |           |            |
|------|--------------|------|-----------|------------|
| 3844 |              |      | 447980.57 | 1224525.62 |
|      | 336° 34' 47" | 10.2 |           |            |
| 3845 |              |      | 447989.92 | 1224521.57 |
|      | 90° 0' 0"    | 4.2  |           |            |
| 3846 |              |      | 447994.13 | 1224521.57 |
|      | 1° 1' 56"    | 8.9  |           |            |
| 3847 |              |      | 448003.01 | 1224521.73 |
|      | 6° 9' 9"     | 4.4  |           |            |
| 3848 |              |      | 448007.37 | 1224522.2  |
|      | 40° 22' 43"  | 9.2  |           |            |
| 3849 |              |      | 448014.39 | 1224528.17 |
|      | 0° 45' 23"   | 20.5 |           |            |
| 3850 |              |      | 448034.84 | 1224528.44 |
|      | 6° 9' 56"    | 10.1 |           |            |
| 3851 |              |      | 448044.93 | 1224529.53 |
|      | 30° 40' 58"  | 20.3 |           |            |
| 3852 |              |      | 448062.39 | 1224539.89 |
|      | 39° 22' 15"  | 19.8 |           |            |
| 3853 |              |      | 448077.66 | 1224552.42 |
|      | 58° 45' 55"  | 21   |           |            |
| 3854 |              |      | 448088.57 | 1224570.41 |
|      | 79° 25' 17"  | 28.3 |           |            |
| 3855 |              |      | 448093.76 | 1224598.2  |
|      | 71° 47' 25"  | 41   |           |            |
| 3856 |              |      | 448106.58 | 1224637.17 |
|      | 73° 34' 23"  | 27   |           |            |
| 3857 |              |      | 448114.21 | 1224663.05 |
|      | 74° 2' 35"   | 13.9 |           |            |
| 3858 |              |      | 448118.03 | 1224676.41 |
|      | 92° 3' 5"    | 22.9 |           |            |
| 3859 |              |      | 448117.21 | 1224699.3  |
|      | 119° 40' 32" | 22.6 |           |            |
| 3860 |              |      | 448106.03 | 1224718.92 |
|      | 117° 7' 58"  | 25.7 |           |            |
| 3861 |              |      | 448094.3  | 1224741.81 |
|      | 120° 24' 1"  | 18.3 |           |            |
| 3862 |              |      | 448085.03 | 1224757.61 |
|      | 134° 21' 14" | 49.6 |           |            |
| 3863 |              |      | 448050.39 | 1224793.04 |
|      | 147° 51' 58" | 31.2 |           |            |
| 3864 |              |      | 448023.93 | 1224809.66 |
|      | 164° 48' 14" | 22.9 |           |            |
| 3865 |              |      | 448001.84 | 1224815.66 |
|      | 155° 11' 16" | 16.2 |           |            |
| 3866 |              |      | 447987.11 | 1224822.47 |
|      | 148° 51' 59" | 41.1 |           |            |
| 3867 |              |      | 447951.93 | 1224843.72 |
|      | 144° 8' 34"  | 38.6 |           |            |
| 3868 |              |      | 447920.66 | 1224866.32 |
|      | 140° 12' 41" | 29.8 |           |            |
| 3869 |              |      | 447897.75 | 1224885.4  |
|      | 122° 31' 57" | 36.5 |           |            |
| 3870 |              |      | 447878.11 | 1224916.19 |
|      | 112° 49' 15" | 37.3 |           |            |
| 3871 |              |      | 447863.66 | 1224950.53 |
|      | 94° 19' 0"   | 14.5 |           |            |
| 3872 |              |      | 447862.57 | 1224964.97 |
|      | 112° 2' 38"  | 27.6 |           |            |
| 3873 |              |      | 447852.2  | 1224990.58 |
|      | 99° 59' 46"  | 14.1 |           |            |



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|------|--------------|-------|-----------|------------|
| 3874 |              |       | 447849.75 | 1225004.48 |
|      | 78° 24' 37"  | 10.9  |           |            |
| 3875 |              |       | 447851.93 | 1225015.11 |
|      | 47° 39' 0"   | 8.1   |           |            |
| 3876 |              |       | 447857.39 | 1225021.1  |
|      | 335° 51' 46" | 8.7   |           |            |
| 3877 |              |       | 447865.29 | 1225017.56 |
|      | 325° 23' 25" | 32.1  |           |            |
| 3878 |              |       | 447891.75 | 1224999.3  |
|      | 314° 15' 26" | 28.9  |           |            |
| 3879 |              |       | 447911.93 | 1224978.59 |
|      | 317° 56' 53" | 19.1  |           |            |
| 3880 |              |       | 447926.12 | 1224965.79 |
|      | 308° 48' 5"  | 19.6  |           |            |
| 3881 |              |       | 447938.39 | 1224950.53 |
|      | 309° 51' 26" | 8.5   |           |            |
| 3882 |              |       | 447943.85 | 1224943.99 |
|      | 322° 7' 46"  | 21.8  |           |            |
| 3883 |              |       | 447961.03 | 1224930.63 |
|      | 327° 44' 12" | 12.3  |           |            |
| 3884 |              |       | 447971.39 | 1224924.09 |
|      | 330° 7' 30"  | 10.4  |           |            |
| 3885 |              |       | 447980.39 | 1224918.92 |
|      | 334° 38' 22" | 5.7   |           |            |
| 3886 |              |       | 447985.58 | 1224916.46 |
|      | 4° 0' 8"     | 11.7  |           |            |
| 3887 |              |       | 447997.3  | 1224917.28 |
|      | 10° 38' 22"  | 8.9   |           |            |
| 3888 |              |       | 448006.03 | 1224918.92 |
|      | 19° 24' 19"  | 14.7  |           |            |
| 3889 |              |       | 448019.94 | 1224923.82 |
|      | 36° 51' 21"  | 8.2   |           |            |
| 3890 |              |       | 448026.49 | 1224928.73 |
|      | 50° 44' 35"  | 17.2  |           |            |
| 3891 |              |       | 448037.4  | 1224942.08 |
|      | 67° 25' 9"   | 38.4  |           |            |
| 3892 |              |       | 448052.13 | 1224977.5  |
|      | 77° 53' 35"  | 46.8  |           |            |
| 3893 |              |       | 448061.95 | 1225023.28 |
|      | 95° 15' 0"   | 29.8  |           |            |
| 3894 |              |       | 448059.22 | 1225052.99 |
|      | 105° 25' 33" | 44.1  |           |            |
| 3895 |              |       | 448047.49 | 1225095.5  |
|      | 115° 29' 27" | 83    |           |            |
| 3896 |              |       | 448011.76 | 1225170.44 |
|      | 107° 4' 17"  | 22.9  |           |            |
| 3897 |              |       | 448005.05 | 1225192.29 |
|      | 106° 42' 52" | 14.2  |           |            |
| 3898 |              |       | 448000.96 | 1225205.91 |
|      | 89° 13' 59"  | 20.2  |           |            |
| 3899 |              |       | 448001.23 | 1225226.08 |
|      | 81° 35' 17"  | 65.3  |           |            |
| 3900 |              |       | 448010.78 | 1225290.66 |
|      | 71° 17' 5"   | 73.1  |           |            |
| 3901 |              |       | 448034.23 | 1225359.88 |
|      | 72° 28' 44"  | 122.3 |           |            |
| 3902 |              |       | 448071.05 | 1225476.51 |
|      | 69° 15' 52"  | 136.4 |           |            |
| 3903 |              |       | 448119.33 | 1225604.04 |
|      | 69° 18' 5"   | 74.9  |           |            |

|      |              |      |           |            |
|------|--------------|------|-----------|------------|
| 3904 |              |      | 448145.79 | 1225674.07 |
|      | 71° 27' 33"  | 51.5 |           |            |
| 3905 |              |      | 448162.15 | 1225722.85 |
|      | 65° 21' 37"  | 39.3 |           |            |
| 3906 |              |      | 448178.52 | 1225758.54 |
|      | 38° 59' 58"  | 7.4  |           |            |
| 3907 |              |      | 448184.25 | 1225763.18 |
|      | 289° 36' 55" | 25.2 |           |            |
| 3908 |              |      | 448192.7  | 1225739.47 |
|      | 281° 6' 55"  | 28.3 |           |            |
| 3909 |              |      | 448198.16 | 1225711.68 |
|      | 283° 35' 54" | 33.6 |           |            |
| 3910 |              |      | 448206.07 | 1225678.98 |
|      | 284° 13' 40" | 18.8 |           |            |
| 3911 |              |      | 448210.7  | 1225660.72 |
|      | 288° 28' 27" | 13.8 |           |            |
| 3912 |              |      | 448215.07 | 1225647.64 |
|      | 278° 8' 20"  | 27   |           |            |
| 3913 |              |      | 448218.89 | 1225620.93 |
|      | 275° 50' 0"  | 24.1 |           |            |
| 3914 |              |      | 448221.34 | 1225596.95 |
|      | 271° 46' 43" | 17.7 |           |            |
| 3915 |              |      | 448221.89 | 1225579.24 |
|      | 262° 20' 59" | 26.7 |           |            |
| 3916 |              |      | 448218.34 | 1225552.81 |
|      | 252° 9' 14"  | 32.9 |           |            |
| 3917 |              |      | 448208.25 | 1225521.47 |
|      | 242° 14' 35" | 95.5 |           |            |
| 3918 |              |      | 448163.79 | 1225436.99 |
|      | 236° 45' 46" | 54.7 |           |            |
| 3919 |              |      | 448133.79 | 1225391.21 |
|      | 249° 18' 11" | 48.6 |           |            |
| 3920 |              |      | 448116.6  | 1225345.71 |
|      | 257° 34' 57" | 27.9 |           |            |
| 3921 |              |      | 448110.6  | 1225318.46 |
|      | 267° 3' 54"  | 21.3 |           |            |
| 3922 |              |      | 448109.51 | 1225297.2  |
|      | 271° 6' 46"  | 13.9 |           |            |
| 3923 |              |      | 448109.78 | 1225283.3  |
|      | 286° 13' 0"  | 26.4 |           |            |
| 3924 |              |      | 448117.15 | 1225257.96 |
|      | 286° 4' 17"  | 18.7 |           |            |
| 3925 |              |      | 448122.33 | 1225239.98 |
|      | 314° 14' 55" | 42.6 |           |            |
| 3926 |              |      | 448152.06 | 1225209.46 |
|      | 320° 53' 37" | 47.1 |           |            |
| 3927 |              |      | 448188.61 | 1225179.75 |
|      | 329° 9' 38"  | 26   |           |            |
| 3928 |              |      | 448210.97 | 1225166.4  |
|      | 343° 36' 42" | 51.2 |           |            |
| 3929 |              |      | 448260.07 | 1225151.96 |
|      | 346° 27' 46" | 37.9 |           |            |
| 3930 |              |      | 448296.87 | 1225143.1  |
|      | 332° 51' 20" | 11.9 |           |            |
| 3931 |              |      | 448307.5  | 1225137.65 |
|      | 315° 1' 58"  | 12.3 |           |            |
| 3932 |              |      | 448316.23 | 1225128.93 |
|      | 280° 46' 46" | 11.7 |           |            |
| 3933 |              |      | 448318.41 | 1225117.48 |
|      | 270° 53' 31" | 18   |           |            |

|      |              |      |           |            |
|------|--------------|------|-----------|------------|
| 3934 |              |      | 448318.69 | 1225099.5  |
|      | 252° 52' 35" | 22.2 |           |            |
| 3935 |              |      | 448312.14 | 1225078.24 |
|      | 250° 34' 14" | 55.8 |           |            |
| 3936 |              |      | 448293.59 | 1225025.65 |
|      | 259° 48' 35" | 13.8 |           |            |
| 3937 |              |      | 448291.14 | 1225012.02 |
|      | 278° 8' 31"  | 13.5 |           |            |
| 3938 |              |      | 448293.05 | 1224998.67 |
|      | 297° 14' 1"  | 10.7 |           |            |
| 3939 |              |      | 448297.96 | 1224989.13 |
|      | 319° 33' 43" | 12.2 |           |            |
| 3940 |              |      | 448307.23 | 1224981.23 |
|      | 20° 32' 6"   | 25.6 |           |            |
| 3941 |              |      | 448331.23 | 1224990.22 |
|      | 32° 24' 11"  | 16.8 |           |            |
| 3942 |              |      | 448345.41 | 1224999.22 |
|      | 48° 24' 24"  | 35.3 |           |            |
| 3943 |              |      | 448368.87 | 1225025.65 |
|      | 53° 59' 4"   | 56.6 |           |            |
| 3944 |              |      | 448402.15 | 1225071.43 |
|      | 55° 3' 1"    | 20.9 |           |            |
| 3945 |              |      | 448414.15 | 1225088.6  |
|      | 40° 40' 25"  | 15.5 |           |            |
| 3946 |              |      | 448425.88 | 1225098.68 |
|      | 3° 7' 44"    | 15   |           |            |
| 3947 |              |      | 448440.88 | 1225099.5  |
|      | 343° 54' 38" | 14.8 |           |            |
| 3948 |              |      | 448455.06 | 1225095.41 |
|      | 342° 16' 25" | 14.3 |           |            |
| 3949 |              |      | 448468.7  | 1225091.05 |
|      | 352° 17' 2"  | 16.2 |           |            |
| 3950 |              |      | 448484.79 | 1225088.87 |
|      | 8° 27' 20"   | 20.4 |           |            |
| 3951 |              |      | 448504.97 | 1225091.87 |
|      | 21° 30' 17"  | 41.6 |           |            |
| 3952 |              |      | 448543.7  | 1225107.13 |
|      | 29° 35' 37"  | 16   |           |            |
| 3953 |              |      | 448557.61 | 1225115.03 |
|      | 31° 34' 17"  | 16.7 |           |            |
| 3954 |              |      | 448571.8  | 1225123.75 |
|      | 50° 41' 46"  | 31   |           |            |
| 3955 |              |      | 448591.43 | 1225147.73 |
|      | 52° 34' 57"  | 24.7 |           |            |
| 3956 |              |      | 448606.44 | 1225167.35 |
|      | 74° 5' 58"   | 36.8 |           |            |
| 3957 |              |      | 448616.53 | 1225202.77 |
|      | 72° 12' 21"  | 67.8 |           |            |
| 3958 |              |      | 448637.26 | 1225267.36 |
|      | 62° 39' 50"  | 27.9 |           |            |
| 3959 |              |      | 448650.08 | 1225292.16 |
|      | 79° 9' 19"   | 39.1 |           |            |
| 3960 |              |      | 448657.44 | 1225330.58 |
|      | 77° 56' 9"   | 37.7 |           |            |
| 3961 |              |      | 448665.32 | 1225367.45 |
|      | 61° 54' 49"  | 37.1 |           |            |
| 3962 |              |      | 448682.77 | 1225400.15 |
|      | 60° 22' 6"   | 27.6 |           |            |
| 3963 |              |      | 448696.41 | 1225424.13 |
|      | 44° 36' 19"  | 29.8 |           |            |

|      |              |       |           |            |
|------|--------------|-------|-----------|------------|
| 3964 |              |       | 448717.61 | 1225445.04 |
|      | 326° 57' 32" | 66.1  |           |            |
| 3965 |              |       | 448773.02 | 1225409    |
|      | 119° 34' 0"  | 67.4  |           |            |
| 1    |              |       | 448840.44 | 1225408.38 |
| 3966 |              |       | 437228.49 | 1236702.34 |
|      | 353° 54' 14" | 19.7  |           |            |
| 3967 |              |       | 437248.06 | 1236700.25 |
|      | 356° 57' 8"  | 453.5 |           |            |
| 3968 |              |       | 437700.89 | 1236676.14 |
|      | 333° 42' 34" | 97    |           |            |
| 3969 |              |       | 437787.89 | 1236633.16 |
|      | 322° 44' 20" | 112   |           |            |
| 3970 |              |       | 437876.99 | 1236565.38 |
|      | 322° 4' 1"   | 154.6 |           |            |
| 3971 |              |       | 437998.93 | 1236470.34 |
|      | 338° 50' 41" | 74.6  |           |            |
| 3972 |              |       | 438068.47 | 1236443.43 |
|      | 344° 5' 21"  | 90.5  |           |            |
| 3973 |              |       | 438155.47 | 1236418.63 |
|      | 340° 2' 24"  | 133.1 |           |            |
| 3974 |              |       | 438280.56 | 1236373.2  |
|      | 340° 31' 10" | 187.5 |           |            |
| 3975 |              |       | 438457.36 | 1236310.66 |
|      | 339° 30' 33" | 104.8 |           |            |
| 3976 |              |       | 438555.54 | 1236273.97 |
|      | 71° 25' 55"  | 45    |           |            |
| 3977 |              |       | 438569.86 | 1236316.6  |
|      | 53° 7' 16"   | 38.4  |           |            |
| 3978 |              |       | 438592.93 | 1236347.35 |
|      | 49° 42' 40"  | 84.3  |           |            |
| 3979 |              |       | 438647.43 | 1236411.64 |
|      | 45° 59' 3"   | 129.2 |           |            |
| 3980 |              |       | 438737.23 | 1236504.58 |
|      | 47° 33' 43"  | 138.3 |           |            |
| 3981 |              |       | 438830.52 | 1236606.61 |
|      | 47° 14' 9"   | 253.2 |           |            |
| 3982 |              |       | 439002.43 | 1236792.49 |
|      | 48° 26' 9"   | 189.6 |           |            |
| 3983 |              |       | 439128.22 | 1236934.35 |
|      | 44° 5' 30"   | 197.6 |           |            |
| 3984 |              |       | 439270.16 | 1237071.86 |
|      | 45° 42' 45"  | 88.1  |           |            |
| 3985 |              |       | 439331.7  | 1237134.95 |
|      | 47° 17' 56"  | 308.5 |           |            |
| 3986 |              |       | 439540.91 | 1237361.66 |

|      |              |       |           |            |
|------|--------------|-------|-----------|------------|
|      | 45° 20' 49"  | 176.2 |           |            |
| 3987 |              |       | 439664.76 | 1237487.02 |
|      | 55° 24' 48"  | 28    |           |            |
| 3988 |              |       | 439680.66 | 1237510.08 |
|      | 67° 49' 19"  | 27.1  |           |            |
| 3989 |              |       | 439690.9  | 1237535.2  |
|      | 87° 25' 49"  | 29.2  |           |            |
| 3990 |              |       | 439692.21 | 1237564.39 |
|      | 150° 43' 44" | 311   |           |            |
| 3991 |              |       | 439420.92 | 1237716.45 |
|      | 147° 52' 19" | 891.3 |           |            |
| 3992 |              |       | 438666.15 | 1238190.43 |
|      | 225° 46' 53" | 109.4 |           |            |
| 3993 |              |       | 438589.87 | 1238112.04 |
|      | 233° 33' 47" | 78.8  |           |            |
| 3994 |              |       | 438543.05 | 1238048.62 |
|      | 224° 20' 18" | 43.5  |           |            |
| 3995 |              |       | 438511.95 | 1238018.23 |
|      | 204° 14' 27" | 134.9 |           |            |
| 3996 |              |       | 438388.96 | 1237962.85 |
|      | 115° 10' 41" | 51.7  |           |            |
| 3997 |              |       | 438366.95 | 1238009.67 |
|      | 143° 24' 3"  | 60.9  |           |            |
| 3998 |              |       | 438318.03 | 1238046    |
|      | 168° 18' 33" | 186.3 |           |            |
| 3999 |              |       | 438135.64 | 1238083.74 |
|      | 157° 51' 40" | 120.5 |           |            |
| 4000 |              |       | 438024    | 1238129.16 |
|      | 213° 35' 48" | 105.7 |           |            |
| 4001 |              |       | 437935.94 | 1238070.66 |
|      | 123° 35' 45" | 33.8  |           |            |
| 4002 |              |       | 437917.24 | 1238098.81 |
|      | 124° 39' 11" | 821.1 |           |            |
| 4003 |              |       | 437450.36 | 1238774.25 |
|      | 213° 37' 54" | 265.1 |           |            |
| 4004 |              |       | 437229.63 | 1238627.42 |
|      | 214° 1' 31"  | 818.2 |           |            |
| 4005 |              |       | 436551.53 | 1238169.6  |
|      | 303° 55' 20" | 16.4  |           |            |
| 4006 |              |       | 436560.69 | 1238155.98 |
|      | 228° 43' 51" | 63.6  |           |            |
| 4007 |              |       | 436518.76 | 1238108.2  |
|      | 90° 0' 0"    | 29.5  |           |            |
| 4008 |              |       | 436518.76 | 1238078.67 |
|      | 309° 43' 23" | 24.1  |           |            |
| 4009 |              |       | 436534.14 | 1238060.16 |

|      |              |       |           |            |
|------|--------------|-------|-----------|------------|
|      | 295° 41' 26" | 51.6  |           |            |
| 4010 |              |       | 436556.5  | 1238013.68 |
|      | 29° 28' 20"  | 75.6  |           |            |
| 4011 |              |       | 436622.36 | 1238050.9  |
|      | 304° 5' 25"  | 270.2 |           |            |
| 4012 |              |       | 436773.83 | 1237827.1  |
|      | 210° 17' 7"  | 110.8 |           |            |
| 4013 |              |       | 436678.13 | 1237771.21 |
|      | 296° 49' 19" | 111   |           |            |
| 4014 |              |       | 436844.52 | 1237442.13 |
|      | 306° 3' 40"  | 31    |           |            |
| 4015 |              |       | 436862.79 | 1237417.04 |
|      | 280° 52' 44" | 53.5  |           |            |
| 4016 |              |       | 436872.88 | 1237364.54 |
|      | 298° 21' 33" | 323.7 |           |            |
| 4017 |              |       | 437026.62 | 1237079.72 |
|      | 303° 38' 42" | 60.2  |           |            |
| 4018 |              |       | 437059.99 | 1237029.58 |
|      | 298° 52' 39" | 350.5 |           |            |
| 4019 |              |       | 437229.28 | 1236722.63 |
|      | 315° 44' 31" | 20.3  |           |            |
| 3966 |              |       | 437228.49 | 1236702.34 |
|      |              |       |           |            |
| 4020 |              |       | 439750.26 | 1236345.2  |
|      | 320° 1' 0"   | 67.4  |           |            |
| 4021 |              |       | 439801.87 | 1236301.92 |
|      | 317° 16' 32" | 566.5 |           |            |
| 4022 |              |       | 440218.02 | 1235917.58 |
|      | 55° 56' 18"  | 209.6 |           |            |
| 4023 |              |       | 440335.42 | 1236091.23 |
|      | 53° 31' 12"  | 256.8 |           |            |
| 4024 |              |       | 440488.11 | 1236297.73 |
|      | 51° 5' 0"    | 279.8 |           |            |
| 4025 |              |       | 440663.86 | 1236515.41 |
|      | 49° 48' 19"  | 20.2  |           |            |
| 4026 |              |       | 440676.88 | 1236530.82 |
|      | 39° 17' 21"  | 5.4   |           |            |
| 4027 |              |       | 440681.06 | 1236534.24 |
|      | 50° 36' 30"  | 143   |           |            |
| 4028 |              |       | 440771.79 | 1236644.73 |
|      | 49° 12' 9"   | 601   |           |            |
| 4029 |              |       | 441164.5  | 1237099.73 |
|      | 72° 34' 28"  | 4.3   |           |            |
| 4030 |              |       | 441165.79 | 1237103.84 |
|      | 49° 34' 32"  | 554.3 |           |            |
| 4031 |              |       | 441525.19 | 1237525.77 |

|      |              |      |           |            |
|------|--------------|------|-----------|------------|
|      | 152° 44' 58" | 27.7 |           |            |
| 4032 |              |      | 441500.59 | 1237538.44 |
|      | 126° 8' 27"  | 81.1 |           |            |
| 4033 |              |      | 441452.74 | 1237603.96 |
|      | 146° 40' 14" | 62.6 |           |            |
| 4034 |              |      | 441400.46 | 1237638.34 |
|      | 129° 55' 38" | 79.5 |           |            |
| 4035 |              |      | 441349.44 | 1237699.3  |
|      | 178° 39' 9"  | 61.2 |           |            |
| 4036 |              |      | 441288.21 | 1237700.74 |
|      | 142° 15' 23" | 36.3 |           |            |
| 4037 |              |      | 441259.48 | 1237722.98 |
|      | 172° 14' 18" | 22   |           |            |
| 4038 |              |      | 441237.69 | 1237725.95 |
|      | 145° 11' 42" | 41.9 |           |            |
| 4039 |              |      | 441203.28 | 1237749.87 |
|      | 181° 54' 17" | 17.4 |           |            |
| 4040 |              |      | 441185.84 | 1237749.29 |
|      | 225° 39' 40" | 14.1 |           |            |
| 4041 |              |      | 441175.99 | 1237739.21 |
|      | 265° 17' 41" | 43.9 |           |            |
| 4042 |              |      | 441172.39 | 1237695.47 |
|      | 239° 38' 28" | 10.9 |           |            |
| 4043 |              |      | 441166.89 | 1237686.08 |
|      | 220° 3' 57"  | 13.2 |           |            |
| 4044 |              |      | 441156.76 | 1237677.56 |
|      | 253° 52' 1"  | 65.5 |           |            |
| 4045 |              |      | 441138.56 | 1237614.64 |
|      | 236° 25' 35" | 6.8  |           |            |
| 4046 |              |      | 441134.79 | 1237608.96 |
|      | 142° 8' 49"  | 4.5  |           |            |
| 4047 |              |      | 441131.2  | 1237611.75 |
|      | 82° 15' 32"  | 26.7 |           |            |
| 4048 |              |      | 441134.79 | 1237638.16 |
|      | 73° 28' 27"  | 57.9 |           |            |
| 4049 |              |      | 441151.26 | 1237693.67 |
|      | 98° 34' 41"  | 31.1 |           |            |
| 4050 |              |      | 441146.62 | 1237724.43 |
|      | 135° 6' 8"   | 19.8 |           |            |
| 4051 |              |      | 441132.59 | 1237738.41 |
|      | 177° 21' 24" | 42.3 |           |            |
| 4052 |              |      | 441090.35 | 1237740.36 |
|      | 204° 44' 13" | 24.1 |           |            |
| 4053 |              |      | 441068.45 | 1237730.27 |
|      | 249° 39' 32" | 45.8 |           |            |
| 4054 |              |      | 441052.52 | 1237687.3  |

|      |              |       |           |            |
|------|--------------|-------|-----------|------------|
|      | 119° 21' 39" | 9.4   |           |            |
| 4055 |              |       | 441047.89 | 1237695.53 |
|      | 82° 16' 44"  | 41.4  |           |            |
| 4056 |              |       | 441053.45 | 1237736.54 |
|      | 37° 1' 0"    | 14.8  |           |            |
| 4057 |              |       | 441065.28 | 1237745.46 |
|      | 14° 7' 55"   | 55.1  |           |            |
| 4058 |              |       | 441118.7  | 1237758.91 |
|      | 52° 43' 58"  | 17    |           |            |
| 4059 |              |       | 441129.01 | 1237772.46 |
|      | 96° 57' 38"  | 54    |           |            |
| 4060 |              |       | 441122.46 | 1237826.11 |
|      | 112° 5' 2"   | 18.8  |           |            |
| 4061 |              |       | 441115.38 | 1237843.56 |
|      | 131° 15' 36" | 23.2  |           |            |
| 4062 |              |       | 441100.08 | 1237861    |
|      | 178° 38' 13" | 24.4  |           |            |
| 4063 |              |       | 441075.7  | 1237861.58 |
|      | 142° 56' 10" | 7.7   |           |            |
| 4064 |              |       | 441069.57 | 1237866.21 |
|      | 75° 24' 53"  | 37.7  |           |            |
| 4065 |              |       | 441079.07 | 1237907.72 |
|      | 114° 13' 30" | 102.5 |           |            |
| 4066 |              |       | 441037    | 1237996.22 |
|      | 113° 43' 12" | 83.8  |           |            |
| 4067 |              |       | 441003.29 | 1238072.94 |
|      | 163° 13' 13" | 20.5  |           |            |
| 4068 |              |       | 440983.69 | 1238078.85 |
|      | 137° 46' 14" | 103.3 |           |            |
| 4069 |              |       | 440907.22 | 1238148.26 |
|      | 171° 10' 36" | 39.6  |           |            |
| 4070 |              |       | 440868.05 | 1238154.34 |
|      | 195° 25' 24" | 39.7  |           |            |
| 4071 |              |       | 440829.81 | 1238143.79 |
|      | 223° 36' 20" | 35.5  |           |            |
| 4072 |              |       | 440804.14 | 1238119.34 |
|      | 243° 51' 9"  | 64.4  |           |            |
| 4073 |              |       | 440775.75 | 1238061.51 |
|      | 209° 53' 1"  | 13.8  |           |            |
| 4074 |              |       | 440763.76 | 1238054.62 |
|      | 157° 38' 56" | 8.5   |           |            |
| 4075 |              |       | 440755.88 | 1238057.86 |
|      | 109° 16' 35" | 14    |           |            |
| 4076 |              |       | 440751.26 | 1238071.07 |
|      | 84° 43' 47"  | 87    |           |            |
| 4077 |              |       | 440759.25 | 1238157.69 |



|      |              |       |           |            |
|------|--------------|-------|-----------|------------|
|      | 90° 22' 36"  | 60.8  |           |            |
| 4078 |              |       | 440758.85 | 1238218.53 |
|      | 119° 8' 14"  | 21.5  |           |            |
| 4079 |              |       | 440748.37 | 1238237.33 |
|      | 165° 35' 6"  | 52.1  |           |            |
| 4080 |              |       | 440697.91 | 1238250.3  |
|      | 174° 0' 1"   | 9.5   |           |            |
| 4081 |              |       | 440688.49 | 1238251.29 |
|      | 207° 22' 16" | 5.7   |           |            |
| 4082 |              |       | 440683.41 | 1238248.66 |
|      | 129° 47' 14" | 4     |           |            |
| 4083 |              |       | 440680.82 | 1238251.77 |
|      | 213° 41' 24" | 0     |           |            |
| 4084 |              |       | 440680.79 | 1238251.75 |
|      | 141° 43' 25" | 37.6  |           |            |
| 4085 |              |       | 440651.3  | 1238275.02 |
|      | 156° 22' 35" | 34    |           |            |
| 4086 |              |       | 440620.16 | 1238288.64 |
|      | 154° 47' 48" | 30.9  |           |            |
| 4087 |              |       | 440592.24 | 1238301.78 |
|      | 162° 26' 45" | 19.1  |           |            |
| 4088 |              |       | 440571    | 1238307.55 |
|      | 184° 12' 57" | 40.7  |           |            |
| 4089 |              |       | 440533.44 | 1238304.56 |
|      | 182° 56' 3"  | 122.3 |           |            |
| 4090 |              |       | 440411.31 | 1238298.3  |
|      | 209° 58' 32" | 22.8  |           |            |
| 4091 |              |       | 440391.58 | 1238286.92 |
|      | 173° 0' 37"  | 27.3  |           |            |
| 4092 |              |       | 440364.5  | 1238290.24 |
|      | 164° 2' 8"   | 29.3  |           |            |
| 4093 |              |       | 440336.36 | 1238298.29 |
|      | 125° 0' 8"   | 13.6  |           |            |
| 4094 |              |       | 440328.58 | 1238309.4  |
|      | 162° 49' 45" | 32.2  |           |            |
| 4095 |              |       | 440297.77 | 1238318.92 |
|      | 143° 58' 9"  | 25.7  |           |            |
| 4096 |              |       | 440277.01 | 1238334.02 |
|      | 122° 41' 58" | 9.6   |           |            |
| 4097 |              |       | 440271.81 | 1238342.12 |
|      | 235° 7' 7"   | 11.9  |           |            |
| 4098 |              |       | 440265.02 | 1238332.38 |
|      | 230° 38' 10" | 35.9  |           |            |
| 4099 |              |       | 440242.28 | 1238304.66 |
|      | 303° 14' 35" | 16    |           |            |
| 4100 |              |       | 440251.05 | 1238291.28 |

|      |              |       |           |            |
|------|--------------|-------|-----------|------------|
|      | 317° 11' 12" | 20.6  |           |            |
| 4101 |              |       | 440266.14 | 1238277.3  |
|      | 47° 39' 47"  | 29.4  |           |            |
| 4102 |              |       | 440285.92 | 1238299.01 |
|      | 317° 25' 56" | 62.8  |           |            |
| 4103 |              |       | 440332.18 | 1238256.52 |
|      | 227° 47' 51" | 40.6  |           |            |
| 4104 |              |       | 440304.93 | 1238226.47 |
|      | 320° 38' 56" | 45.2  |           |            |
| 4105 |              |       | 440339.87 | 1238197.82 |
|      | 44° 51' 36"  | 49.3  |           |            |
| 4106 |              |       | 440374.81 | 1238232.59 |
|      | 311° 40' 53" | 76.3  |           |            |
| 4107 |              |       | 440425.58 | 1238175.57 |
|      | 316° 29' 57" | 34.6  |           |            |
| 4108 |              |       | 440450.67 | 1238151.76 |
|      | 310° 41' 29" | 75    |           |            |
| 4109 |              |       | 440499.58 | 1238094.88 |
|      | 302° 48' 55" | 53.2  |           |            |
| 4110 |              |       | 440528.43 | 1238050.14 |
|      | 317° 37' 15" | 4     |           |            |
| 4111 |              |       | 440531.4  | 1238047.43 |
|      | 234° 38' 13" | 176.1 |           |            |
| 4112 |              |       | 440429.51 | 1237903.86 |
|      | 250° 13' 17" | 52.6  |           |            |
| 4113 |              |       | 440411.71 | 1237854.36 |
|      | 261° 37' 39" | 23.4  |           |            |
| 4114 |              |       | 440408.3  | 1237831.19 |
|      | 260° 59' 42" | 1.9   |           |            |
| 4115 |              |       | 440408.01 | 1237829.36 |
|      | 261° 34' 6"  | 49.7  |           |            |
| 4116 |              |       | 440400.72 | 1237780.18 |
|      | 256° 4' 25"  | 16.4  |           |            |
| 4117 |              |       | 440396.77 | 1237764.25 |
|      | 235° 26' 43" | 17.3  |           |            |
| 4118 |              |       | 440386.97 | 1237750.02 |
|      | 225° 0' 0"   | 0.8   |           |            |
| 4119 |              |       | 440386.43 | 1237749.48 |
|      | 202° 54' 20" | 0.8   |           |            |
| 4120 |              |       | 440385.72 | 1237749.18 |
|      | 191° 47' 50" | 391.6 |           |            |
| 4121 |              |       | 440002.41 | 1237669.12 |
|      | 192° 8' 26"  | 262.8 |           |            |
| 4122 |              |       | 439745.49 | 1237613.85 |
|      | 222° 54' 3"  | 8.1   |           |            |
| 4123 |              |       | 439739.55 | 1237608.33 |

|      |              |       |           |            |
|------|--------------|-------|-----------|------------|
|      | 234° 30' 44" | 61.3  |           |            |
| 4124 |              |       | 439703.98 | 1237558.44 |
|      | 234° 6' 26"  | 3.8   |           |            |
| 4125 |              |       | 439701.78 | 1237555.4  |
|      | 267° 20' 13" | 22.4  |           |            |
| 4126 |              |       | 439700.74 | 1237533.04 |
|      | 247° 53' 59" | 29.9  |           |            |
| 4127 |              |       | 439689.48 | 1237505.31 |
|      | 235° 26' 24" | 30    |           |            |
| 4128 |              |       | 439672.48 | 1237480.63 |
|      | 225° 21' 1"  | 176.9 |           |            |
| 4129 |              |       | 439548.14 | 1237354.76 |
|      | 227° 20' 48" | 174.4 |           |            |
| 4130 |              |       | 439429.96 | 1237226.48 |
|      | 309° 11' 51" | 18.5  |           |            |
| 4131 |              |       | 439441.63 | 1237212.17 |
|      | 301° 40' 16" | 25.3  |           |            |
| 4132 |              |       | 439454.9  | 1237190.66 |
|      | 279° 19' 11" | 33    |           |            |
| 4133 |              |       | 439460.25 | 1237158.06 |
|      | 242° 41' 37" | 29.7  |           |            |
| 4134 |              |       | 439446.61 | 1237131.64 |
|      | 236° 7' 18"  | 32.1  |           |            |
| 4135 |              |       | 439428.71 | 1237104.98 |
|      | 264° 56' 53" | 55.3  |           |            |
| 4136 |              |       | 439423.84 | 1237049.89 |
|      | 316° 32' 13" | 392   |           |            |
| 4137 |              |       | 439708.37 | 1236780.23 |
|      | 350° 13' 52" | 71    |           |            |
| 4138 |              |       | 439778.36 | 1236768.18 |
|      | 332° 20' 48" | 16.5  |           |            |
| 4139 |              |       | 439792.96 | 1236760.53 |
|      | 308° 21' 48" | 14.2  |           |            |
| 4140 |              |       | 439801.77 | 1236749.4  |
|      | 272° 23' 44" | 61    |           |            |
| 4141 |              |       | 439804.32 | 1236688.45 |
|      | 316° 43' 1"  | 188.8 |           |            |
| 4142 |              |       | 439941.75 | 1236559.02 |
|      | 228° 1' 49"  | 269.3 |           |            |
| 4143 |              |       | 439761.69 | 1236358.83 |
|      | 136° 3' 41"  | 17.79 |           |            |
| 4020 |              |       | 439750.26 | 1236345.2  |
|      |              |       |           |            |
| 4144 |              |       | 435370.98 | 1240589.8  |
|      | 279° 44' 14" | 178.1 |           |            |
| 4145 |              |       | 435401.11 | 1240414.22 |

|      |              |       |           |            |
|------|--------------|-------|-----------|------------|
|      | 342° 17' 45" | 18.8  |           |            |
| 4146 |              |       | 435419.06 | 1240408.49 |
|      | 279° 27' 33" | 119.7 |           |            |
| 4147 |              |       | 435438.74 | 1240290.37 |
|      | 325° 45' 1"  | 19.6  |           |            |
| 4148 |              |       | 435454.94 | 1240279.34 |
|      | 283° 12' 39" | 23.2  |           |            |
| 4149 |              |       | 435460.25 | 1240256.72 |
|      | 276° 18' 21" | 16.7  |           |            |
| 4150 |              |       | 435462.08 | 1240240.16 |
|      | 228° 1' 40"  | 11.2  |           |            |
| 4151 |              |       | 435454.56 | 1240231.8  |
|      | 274° 4' 14"  | 16.5  |           |            |
| 4152 |              |       | 435455.73 | 1240215.36 |
|      | 292° 51' 44" | 14.5  |           |            |
| 4153 |              |       | 435461.38 | 1240201.96 |
|      | 324° 42' 22" | 15.6  |           |            |
| 4154 |              |       | 435474.08 | 1240192.97 |
|      | 344° 51' 39" | 26.8  |           |            |
| 4155 |              |       | 435499.99 | 1240185.96 |
|      | 2° 41' 0"    | 31.2  |           |            |
| 4156 |              |       | 435531.14 | 1240187.42 |
|      | 334° 15' 49" | 78.2  |           |            |
| 4157 |              |       | 435601.61 | 1240153.45 |
|      | 356° 43' 24" | 40.8  |           |            |
| 4158 |              |       | 435642.31 | 1240151.12 |
|      | 348° 30' 19" | 43.2  |           |            |
| 4159 |              |       | 435684.65 | 1240142.51 |
|      | 336° 22' 17" | 37.8  |           |            |
| 4160 |              |       | 435719.28 | 1240127.36 |
|      | 300° 43' 35" | 31.1  |           |            |
| 4161 |              |       | 435735.15 | 1240100.66 |
|      | 277° 1' 58"  | 84.9  |           |            |
| 4162 |              |       | 435745.54 | 1240016.44 |
|      | 302° 5' 59"  | 34.1  |           |            |
| 4163 |              |       | 435763.65 | 1239987.57 |
|      | 325° 51' 45" | 40.1  |           |            |
| 4164 |              |       | 435796.88 | 1239965.04 |
|      | 334° 51' 39" | 45.1  |           |            |
| 4165 |              |       | 435837.71 | 1239945.88 |
|      | 343° 21' 31" | 23.6  |           |            |
| 4166 |              |       | 435860.36 | 1239939.11 |
|      | 0° 31' 46"   | 37.9  |           |            |
| 4167 |              |       | 435898.22 | 1239939.46 |
|      | 43° 6' 41"   | 62    |           |            |
| 4168 |              |       | 435943.49 | 1239981.84 |

|      |              |       |           |            |
|------|--------------|-------|-----------|------------|
|      | 61° 34' 0"   | 66    |           |            |
| 4169 |              |       | 435974.91 | 1240039.87 |
|      | 96° 54' 37"  | 92    |           |            |
| 4170 |              |       | 435963.84 | 1240131.21 |
|      | 67° 2' 1"    | 115.6 |           |            |
| 4171 |              |       | 436008.96 | 1240237.68 |
|      | 86° 41' 30"  | 113.3 |           |            |
| 4172 |              |       | 436015.5  | 1240350.82 |
|      | 116° 16' 45" | 113   |           |            |
| 4173 |              |       | 435965.47 | 1240452.14 |
|      | 84° 35' 25"  | 89    |           |            |
| 4174 |              |       | 435973.86 | 1240540.74 |
|      | 65° 43' 7"   | 113   |           |            |
| 4175 |              |       | 436020.33 | 1240643.75 |
|      | 47° 14' 46"  | 35    |           |            |
| 4176 |              |       | 436044.09 | 1240669.45 |
|      | 31° 25' 53"  | 29    |           |            |
| 4177 |              |       | 436068.83 | 1240684.57 |
|      | 109° 35' 40" | 30    |           |            |
| 4178 |              |       | 436058.77 | 1240712.83 |
|      | 30° 3' 53"   | 113.5 |           |            |
| 4179 |              |       | 436156.98 | 1240769.68 |
|      | 43° 5' 37"   | 115   |           |            |
| 4180 |              |       | 436240.96 | 1240848.25 |
|      | 17° 15' 43"  | 74    |           |            |
| 4181 |              |       | 436311.63 | 1240870.21 |
|      | 0° 56' 10"   | 112   |           |            |
| 4182 |              |       | 436423.62 | 1240872.04 |
|      | 46° 3' 56"   | 27    |           |            |
| 4183 |              |       | 436442.35 | 1240891.48 |
|      | 16° 6' 55"   | 91.7  |           |            |
| 4184 |              |       | 436530.4  | 1240916.92 |
|      | 72° 53' 12"  | 36.6  |           |            |
| 4185 |              |       | 436541.17 | 1240951.9  |
|      | 99° 50' 19"  | 48.3  |           |            |
| 4186 |              |       | 436532.92 | 1240999.47 |
|      | 99° 49' 42"  | 25.7  |           |            |
| 4187 |              |       | 436528.53 | 1241024.81 |
|      | 96° 25' 6"   | 84    |           |            |
| 4188 |              |       | 436519.14 | 1241108.28 |
|      | 53° 51' 51"  | 54    |           |            |
| 4189 |              |       | 436550.99 | 1241151.9  |
|      | 23° 42' 27"  | 68    |           |            |
| 4190 |              |       | 436613.25 | 1241179.24 |
|      | 129° 54' 12" | 9     |           |            |
| 4191 |              |       | 436607.48 | 1241186.14 |

|      |              |        |           |            |
|------|--------------|--------|-----------|------------|
|      | 48° 20' 40"  | 48     |           |            |
| 4192 |              |        | 436639.38 | 1241222    |
|      | 34° 13' 26"  | 75     |           |            |
| 4193 |              |        | 436701.39 | 1241264.18 |
|      | 61° 17' 18"  | 158.5  |           |            |
| 4194 |              |        | 436777.51 | 1241403.15 |
|      | 166° 41' 27" | 181.3  |           |            |
| 4195 |              |        | 436601.06 | 1241444.89 |
|      | 164° 48' 28" | 404.4  |           |            |
| 4196 |              |        | 436210.81 | 1241550.86 |
|      | 166° 39' 39" | 468.6  |           |            |
| 4197 |              |        | 435754.86 | 1241658.97 |
|      | 171° 16' 44" | 441.2  |           |            |
| 4198 |              |        | 435318.74 | 1241725.87 |
|      | 169° 47' 55" | 263.2  |           |            |
| 4199 |              |        | 435059.67 | 1241772.49 |
|      | 286° 1' 33"  | 395    |           |            |
| 4200 |              |        | 435168.71 | 1241392.87 |
|      | 279° 39' 7"  | 127.6  |           |            |
| 4201 |              |        | 435190.1  | 1241267.1  |
|      | 284° 10' 59" | 474.5  |           |            |
| 4202 |              |        | 435306.36 | 1240807.08 |
|      | 284° 16' 7"  | 116    |           |            |
| 4203 |              |        | 435334.94 | 1240694.7  |
|      | 295° 22' 28" | 111    |           |            |
| 4144 |              |        | 435370.98 | 1240589.8  |
|      |              |        |           |            |
| 4204 |              |        | 439956.35 | 1240950.06 |
|      | 86° 6' 39"   | 708.3  |           |            |
| 4205 |              |        | 440004.39 | 1241656.74 |
|      | 171° 25' 5"  | 766.8  |           |            |
| 4206 |              |        | 439246.19 | 1241771.16 |
|      | 198° 22' 37" | 81.5   |           |            |
| 4207 |              |        | 439168.89 | 1241745.48 |
|      | 199° 24' 40" | 176.9  |           |            |
| 4208 |              |        | 439002.08 | 1241686.7  |
|      | 321° 22' 1"  | 183.8  |           |            |
| 4209 |              |        | 439145.68 | 1241571.93 |
|      | 276° 35' 53" | 1021.7 |           |            |
| 4204 |              |        | 439956.35 | 1240950.06 |
|      |              |        |           |            |
| 4210 |              |        | 429875.61 | 1251718.77 |
|      | 101° 50' 26" | 70.9   |           |            |
| 4211 |              |        | 429861.06 | 1251788.17 |
|      | 146° 58' 55" | 396.5  |           |            |
| 4212 |              |        | 429528.6  | 1252004.22 |

|      |              |       |           |            |
|------|--------------|-------|-----------|------------|
|      | 274° 46' 34" | 113.4 |           |            |
| 4213 |              |       | 429538.04 | 1251891.24 |
|      | 273° 22' 13" | 17.5  |           |            |
| 4214 |              |       | 429539.07 | 1251873.75 |
|      | 272° 18' 2"  | 26.9  |           |            |
| 4215 |              |       | 429540.15 | 1251846.87 |
|      | 185° 44' 55" | 1.5   |           |            |
| 4216 |              |       | 429538.66 | 1251846.72 |
|      | 265° 21' 52" | 1.9   |           |            |
| 4217 |              |       | 429538.51 | 1251844.87 |
|      | 177° 55' 6"  | 9.6   |           |            |
| 4218 |              |       | 429528.88 | 1251845.22 |
|      | 180° 15' 7"  | 22.7  |           |            |
| 4219 |              |       | 429506.14 | 1251845.12 |
|      | 189° 12' 17" | 35.5  |           |            |
| 4220 |              |       | 429471.09 | 1251839.44 |
|      | 183° 56' 38" | 15.8  |           |            |
| 4221 |              |       | 429455.28 | 1251838.35 |
|      | 182° 14' 19" | 30    |           |            |
| 4222 |              |       | 429425.35 | 1251837.18 |
|      | 194° 17' 22" | 16.4  |           |            |
| 4223 |              |       | 429409.41 | 1251833.12 |
|      | 175° 39' 44" | 7.9   |           |            |
| 4224 |              |       | 429401.5  | 1251833.72 |
|      | 184° 28' 52" | 237.7 |           |            |
| 4225 |              |       | 429164.56 | 1251815.15 |
|      | 173° 40' 43" | 36.7  |           |            |
| 4226 |              |       | 429128.09 | 1251819.19 |
|      | 137° 54' 15" | 12.6  |           |            |
| 4227 |              |       | 429118.77 | 1251827.61 |
|      | 225° 23' 45" | 83.9  |           |            |
| 4228 |              |       | 429059.84 | 1251767.86 |
|      | 320° 50' 13" | 203   |           |            |
| 4229 |              |       | 429217.2  | 1251639.69 |
|      | 321° 21' 43" | 86.3  |           |            |
| 4230 |              |       | 429284.64 | 1251585.78 |
|      | 331° 8' 22"  | 29.8  |           |            |
| 4231 |              |       | 429310.75 | 1251571.39 |
|      | 343° 5' 22"  | 141.9 |           |            |
| 4232 |              |       | 429446.53 | 1251530.11 |
|      | 356° 52' 27" | 157.4 |           |            |
| 4233 |              |       | 429603.65 | 1251521.53 |
|      | 16° 19' 52"  | 78.7  |           |            |
| 4234 |              |       | 429679.21 | 1251543.67 |
|      | 58° 43' 9"   | 44.7  |           |            |
| 4235 |              |       | 429702.4  | 1251581.84 |

|      |              |       |           |            |
|------|--------------|-------|-----------|------------|
|      | 82° 20' 48"  | 67.8  |           |            |
| 4236 |              |       | 429711.43 | 1251649.04 |
|      | 47° 19' 21"  | 53.4  |           |            |
| 4237 |              |       | 429747.62 | 1251688.29 |
|      | 25° 56' 58"  | 19.2  |           |            |
| 4238 |              |       | 429764.84 | 1251696.67 |
|      | 32° 34' 8"   | 21.5  |           |            |
| 4239 |              |       | 429783    | 1251708.27 |
|      | 358° 9' 28"  | 56.9  |           |            |
| 4240 |              |       | 429839.9  | 1251706.44 |
|      | 356° 19' 39" | 22.3  |           |            |
| 4241 |              |       | 429862.18 | 1251705.01 |
|      | 45° 41' 43"  | 19.2  |           |            |
| 4210 |              |       | 429875.61 | 1251718.77 |
|      |              |       |           |            |
| 4242 |              |       | 438304.85 | 1236455.78 |
|      | 62° 4' 16"   | 96.4  |           |            |
| 4243 |              |       | 438350    | 1236540.95 |
|      | 341° 43' 28" | 91.9  |           |            |
| 4244 |              |       | 438437.3  | 1236512.12 |
|      | 70° 16' 42"  | 198.8 |           |            |
| 4245 |              |       | 438504.4  | 1236699.3  |
|      | 116° 39' 13" | 103.9 |           |            |
| 4246 |              |       | 438457.8  | 1236792.14 |
|      | 88° 38' 47"  | 90.6  |           |            |
| 4247 |              |       | 438459.94 | 1236882.71 |
|      | 154° 43' 49" | 3.6   |           |            |
| 4248 |              |       | 438456.72 | 1236884.23 |
|      | 145° 58' 34" | 24.8  |           |            |
| 4249 |              |       | 438436.19 | 1236898.09 |
|      | 167° 0' 19"  | 4.9   |           |            |
| 4250 |              |       | 438431.38 | 1236899.2  |
|      | 166° 42' 3"  | 36.4  |           |            |
| 4251 |              |       | 438395.97 | 1236907.57 |
|      | 148° 20' 21" | 110.7 |           |            |
| 4252 |              |       | 438301.77 | 1236965.66 |
|      | 236° 15' 51" | 20.9  |           |            |
| 4253 |              |       | 438290.19 | 1236948.32 |
|      | 196° 33' 8"  | 44.9  |           |            |
| 4254 |              |       | 438247.19 | 1236935.54 |
|      | 245° 7' 35"  | 154.8 |           |            |
| 4255 |              |       | 438182.06 | 1236795.06 |
|      | 250° 14' 42" | 59.6  |           |            |
| 4256 |              |       | 438161.92 | 1236738.98 |
|      | 191° 18' 39" | 110.9 |           |            |
| 4257 |              |       | 438053.13 | 1236717.22 |



|      |              |       |           |            |
|------|--------------|-------|-----------|------------|
|      | 214° 14' 15" | 81.6  |           |            |
| 4258 |              |       | 437985.7  | 1236671.33 |
|      | 179° 54' 30" | 62.6  |           |            |
| 4259 |              |       | 437923.12 | 1236671.43 |
|      | 249° 42' 52" | 7.9   |           |            |
| 4260 |              |       | 437920.37 | 1236663.99 |
|      | 322° 1' 44"  | 85.3  |           |            |
| 4261 |              |       | 437987.65 | 1236611.48 |
|      | 317° 10' 34" | 28.9  |           |            |
| 4262 |              |       | 438008.82 | 1236591.86 |
|      | 273° 18' 22" | 41.3  |           |            |
| 4263 |              |       | 438011.2  | 1236550.66 |
|      | 335° 10' 25" | 103.6 |           |            |
| 4264 |              |       | 438105.23 | 1236507.16 |
|      | 340° 59' 20" | 82.1  |           |            |
| 4265 |              |       | 438182.84 | 1236480.42 |
|      | 343° 50' 22" | 88.5  |           |            |
| 4266 |              |       | 438267.87 | 1236455.78 |
|      | 90° 0' 0"    | 37    |           |            |
| 4242 |              |       | 438304.85 | 1236455.78 |
|      |              |       |           |            |
| 4267 |              |       | 435825.72 | 1247302.76 |
|      | 265° 0' 5"   | 105   |           |            |
| 4268 |              |       | 435816.57 | 1247198.14 |
|      | 330° 54' 54" | 1.8   |           |            |
| 4269 |              |       | 435818.17 | 1247197.25 |
|      | 320° 2' 41"  | 55.4  |           |            |
| 4270 |              |       | 435860.64 | 1247161.67 |
|      | 341° 48' 48" | 99.2  |           |            |
| 4271 |              |       | 435954.85 | 1247130.72 |
|      | 331° 17' 23" | 66.6  |           |            |
| 4272 |              |       | 436013.22 | 1247098.75 |
|      | 333° 1' 5"   | 156.2 |           |            |
| 4273 |              |       | 436152.42 | 1247027.88 |
|      | 338° 50' 14" | 129.2 |           |            |
| 4274 |              |       | 436272.95 | 1246981.22 |
|      | 68° 43' 22"  | 44.6  |           |            |
| 4275 |              |       | 436289.15 | 1247022.82 |
|      | 343° 14' 30" | 223.2 |           |            |
| 4276 |              |       | 436502.85 | 1246958.47 |
|      | 73° 15' 3"   | 120.3 |           |            |
| 4277 |              |       | 436537.51 | 1247073.64 |
|      | 79° 50' 31"  | 11.5  |           |            |
| 4278 |              |       | 436539.54 | 1247084.97 |
|      | 161° 38' 6"  | 155.2 |           |            |
| 4279 |              |       | 436392.24 | 1247133.87 |

|      |              |       |           |            |
|------|--------------|-------|-----------|------------|
|      | 163° 2' 4"   | 355.1 |           |            |
| 4280 |              |       | 436052.55 | 1247237.5  |
|      | 163° 48' 8"  | 214.7 |           |            |
| 4281 |              |       | 435846.34 | 1247297.4  |
|      | 165° 19' 15" | 20.3  |           |            |
| 4282 |              |       | 435826.68 | 1247302.55 |
|      | 167° 39' 39" | 1     |           |            |
| 4267 |              |       | 435825.72 | 1247302.76 |

- 4) приложение 6 признать утратившим силу;  
 5) приложение 17 признать утратившим силу;  
 6) приложение 24 признать утратившим силу.

### Статья 12

Границы судебных участков, установленные Законом Тамбовской области от 26 апреля 2000 года № 110-З «О границах судебных участков мировых судей на территории Тамбовской области» в части территорий Цнинского сельсовета Тамбовского района Тамбовской области, Бокинского сельсовета Тамбовского района Тамбовской области, Покрово-Пригородного сельсовета Тамбовского района Тамбовской области, сохраняются до внесения изменений в указанный Закон Тамбовской области с целью его приведения в соответствие с настоящим Законом.

### Статья 13

Настоящий Закон вступает в силу с 1 января 2023 года.

Глава  
Тамбовской области                      М.Егоров

г. Тамбов  
 « 23 » декабря 2022 г.  
 № 201-З