



Commission on the Limits of the Continental Shelf

SUMMARY OF THE RECOMMENDATIONS OF THE COMMISSION ON THE LIMITS OF THE CONTINENTAL SHELF IN REGARD TO THE PARTIAL SUBMISSION MADE BY THE REPUBLIC OF FRANCE IN RESPECT OF THE AREAS OF THE FRENCH ANTILLES AND THE KERGUELEN ISLANDS ON 5 FEBRUARY 2009¹

Recommendations prepared by the Subcommittee established for the consideration
of the Partial Submission made by the Republic of France

Adopted by the Subcommittee on 23 March 2012

Adopted by the Commission, with amendments, on 19 April 2012

¹ The aim of this Summary is to provide information which is not of confidential or proprietary nature in order to facilitate the function of the Secretary-General in accordance with Rule 11.3 of Annex III to the Rules of Procedure of the Commission (CLCS/40/Rev.1). This Summary is based on excerpts of the Recommendations and may refer to material not necessarily included either in the full Recommendations or this Summary.

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**ANNEX I TABLES OF COORDINATES, FOR THE FOOT OF CONTINENTAL SLOPE POINTS, THE
OUTER EDGE OF THE CONTINENTAL MARGIN POINTS AND THE OUTER LIMITS OF THE
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LIST OF TERMS AND ABBREVIATIONS

Acronyms	
DOALOS	Division for Ocean Affairs and Law of the Sea, Office of Legal Affairs
FOS	Foot of the continental slope
Abbreviated Terms	
M	Nautical mile
200 M Limit	The line at 200 M from the baselines from which the breadth of the territorial sea is measured
FOS	Foot of the continental slope
FOS Points	Foot of the continental slope points
Critical FOS Points	Foot of the continental slope points that generate fixed formula points delineating the line that establishes the outer limits of the continental shelf
Relevant FOS point	Foot of the continental slope points that generate fixed formula points delineating the outer edge of the continental margin that are necessary for establishing the outer limits of the continental shelf
60 M Formula Points	Points determined from the application of article 76, paragraph 4(a)(ii), of the Convention (also informally referred to as Hedberg points)
Sediment Thickness Formula Points	Points determined from the application of article 76, paragraph 4(a)(i), of the Convention (also informally referred to as Gardiner points)
Depth Constraint	The constraint line constructed at 100 M from the 2500 metre isobaths in accordance with article 76, paragraphs 5 and 6, of the Convention
Distance Constraint	The constraint line constructed at 350 M from the baselines from which the breadth of the territorial sea is measured in accordance with article 76, paragraphs 5 and 6, of the Convention
The Guidelines	The Scientific and Technical Guidelines of the Commission (CLCS/11 and CLCS/11/Add.1)
The Commission	The Commission on the Limits of the Continental Shelf
The Convention	The United Nations Convention on the Law of the Sea of 10 December 1982
The Rules of Procedure	The Rules of Procedure of the Commission (CLCS/40/Rev.1)
The Secretary-General	The Secretary-General of the United Nations
Use of Terms	
<i>Determine</i>	the foot of the continental slope
<i>Delineate</i>	the outer edge of the continental margin (in terms of construction of the outer edge of the continental margin by establishing and connecting fixed points)
<i>Delineate</i>	the outer limits of the continental shelf (in terms of construction of the outer limits of the continental shelf by establishing and connecting fixed points)
<i>Establish</i>	the outer edge of the continental margin (in terms of following procedure in the convention for submitting the outer edge of the continental margin as basis for the outer limits of the continental shelf)
<i>Establish</i>	the outer limits of the continental shelf (in terms of following procedure in the convention including the submission of the outer limits of the continental shelf)

I. INTRODUCTION

- 1 On 5 February 2009, France submitted to the Commission on the Limits of the Continental Shelf, through the Secretary-General of the United Nations, information on the limits of the continental shelf beyond 200 nautical miles from the baselines from which the breadth of the territorial sea is measured, in accordance with article 76, paragraph 8, of the United Nations Convention on the Law of the Sea of 10 December 1982.
- 2 The Convention entered into force for France on 11 May 1996.
- 3 The Submission was for two separate regions: the French overseas departments of the Antilles (Martinique and Guadeloupe) and the Kerguelen Islands. According to the submitting State this is a partial submission which does not include the areas of the continental shelf that adjoin Antarctica and for which a submission may later be made, notwithstanding the provisions of Annex II, article 4, of the Convention concerning the 10-year period and the decisions regarding its application that were taken at the Eleventh meeting of States parties thereto.²
- 4 On 19 February 2009, the Secretary-General issued Continental Shelf Notification CLCS.17.2009.LOS giving due publicity to the Executive Summary of the partial Submission in accordance with rule 50 of the Rules of Procedure. Pursuant to rule 51 of the Rules of Procedure, the consideration of the partial Submission was included in the agenda of the twenty-fifth session of the Commission.
- 5 The Commission received and took note of the contents of the notes verbales from the Netherlands and Japan, dated 28 August 2009 and 19 November 2009 respectively, informing the Commission that they do not recognize any claim to territories in Antarctica and consequently do not recognize that a claim to territorial sovereignty in Antarctica is capable of creating any rights over continental shelf adjacent to Antarctica. They also stressed that the balance of rights and obligations in the Antarctic Treaty should not be affected in any way by the intention to submit to the Commission information on the outer limits of the continental shelf adjacent to the continent of Antarctica.
- 6 The presentation on the partial Submission was made to the plenary of the twenty-fifth session of the Commission on 13 April 2010, by Messrs. Elie Jarmache, Head of the Delegation, and Walter Roest, geophysicist and Ms. Dominique Carval, maritime limits delimitation engineer. Mr. Jarmache stated that France did not seek any assistance from any member of the Commission with respect to the partial submission. Following the presentation, the representatives of France responded to questions asked by some members of the Commission.
- 7 The Commission decided that, as provided for in article 5 of Annex II to the Convention and in rule 42 of the Rules of Procedure, the partial Submission would be addressed through the establishment of a subcommission, which was established on 20 August 2010.
- 8 The Subcommission carried out its examination of the partial Submission during the following sessions: twenty-seventh, twenty-eighth, twenty-eighth resumed and twenty-ninth. During these sessions the Subcommission held eight meetings with the Delegation, it prepared seven documents with observations and questions,

² See Continental Shelf Notification CLCS.17.2009.LOS at http://www.un.org/depts/los/clcs_new/submissions_files/submission_fra1.htm

and, delivered seven PowerPoint presentations covering the entire partial Submission. During the course of the examination of the partial Submission by the Subcommittee, the Delegation provided additional material consisting of eight documents mainly in response to the observations and questions by the Subcommittee, and, nine PowerPoint presentations. During the examination of the partial Submission, the Subcommittee requested and received support from the Division for Ocean Affairs and the Law of the Sea, Office of Legal Affairs, in particular in the form of technical support by DOALOS geographical information systems officers.

II. CONTENTS OF THE PARTIAL SUBMISSION

A. Original Submission

- 9 The original partial Submission received on 5 February 2009 contained: an Executive Summary; a Main Body which is the analytical and descriptive part; and Scientific and Technical Data.

B. Communications and additional material

- 10 In the course of the examination of the partial Submission by the Subcommittee, the Delegation submitted additional material, including in response to questions, requests for clarification and written preliminary considerations of the Subcommittee.

III. GENERAL PRINCIPLES ON WHICH THESE RECOMMENDATIONS ARE BASED

- 11 The Recommendations of the Commission are based on the scientific and technical data and other material provided by France in relation to the implementation of article 76. The Recommendations of the Commission only deal with issues related to article 76 and Annex II to the Convention and are without prejudice to matters relating to delimitation between States, or application of other parts of the Convention or any other treaties.

IV. RECOMMENDATIONS

- 12 The Partial Submission of the Republic of France of 5 February 2009 relates to two separate regions as follows:

- the French Antilles: Guadeloupe and Martinique (Figure 1, Annex VI); and
- the Kerguelen Islands (Figure 2, Annex VI).

A. The French Antilles

1. Geographical region description

- 13 The French Antilles Region, which includes the islands of Guadeloupe and Martinique, is located in the zone of the triple junction between the North American plate (NA_m), the South American plate (SA_m) and the Caribbean plate (Car) (Figure 3, Annex VI). The two American plates are being subducted towards the west under the Caribbean plate.

- 14 The French Antilles is part of the volcanic arc of the Lesser Antilles, which forms an arcuate, 850 km long chain of islands. This island arc extends from the South American continental margin (Eastern Venezuela) to the Anegada Passage, which separates it from the eastern extremity of the Greater Antilles (platform of Puerto Rico and the Virgin Islands) (Figure 4, Annex VI). The largest islands, with surface-areas greater than 750 km², are situated in the centre of the archipelago: Martinique, Dominica, and Basse-Terre of Guadeloupe.
- 15 The Northern part of the arc, starting from Martinique, is divided into two branches: an Eastern outer arc and a Western inner arc. To the south of Martinique, the two arcs can no longer be distinguished. The outer arc consists of a series of banks and island platforms forming the “calcareous Antilles”, while the inner arc comprises islands of often high relief known as the “volcanic Antilles”.
- 16 In front of the island arc, a substantial accretionary prism, the Barbados Accretionary Prism, has been built through time above the subduction zone. The average width of this prism is 200 km, but it widens (to more than 300 km beyond the contact of the plates) and thickens (up to 20 km of sediments) towards the south. The accretionary prism reaches its highest point on the Island of Barbados., It consists of a stacking of tectonic slices primarily made up of sediments deposited initially on oceanic crust and mainly supplied from the South American continent (Orinoco and Amazon Rivers).
- 17 The most prominent relief is nevertheless composed of two WNW-ESE fracture zones forming some particularly well marked ridges, the Barracuda and Tiburon Ridges. These ridges act as barriers against sediment fluxes coming from the south. The decreasing thickness of sediments towards the north is reflected in the depth of the abyssal plain; increasing from 4000 m in southern Demerara abyssal plain to more than 5800 m north of the Barracuda Ridge.
- 18 The Barracuda Ridge is 450 km long and 30 to 50 km broad, culminating at an elevation of 2500 m above the abyssal plain. It is bordered to the north by the Barracuda Abyssal Plain and to the south by the Demerara Abyssal Plain. The Tiburon Ridge is smaller than the Barracuda Ridge, being 150 km long, 30 to 40 km broad and rising only 1850 m at most above the Demerara Abyssal Plain.
- 19 The Barracuda Trench is a narrow and very deep basin where the thickness of the succession can reach 3 sec (TWTT). Most of the sediments deposited in the Barracuda Trench are very recent, probably composed largely of turbidites that would have flowed around the ridge by the east. The thickness of the sediments that accumulated between the Barracuda and Tiburon Ridges locally exceeds 2 sec (TWTT) with, in particular, a significant proportion occupied by an upper series attributed to the Upper Pliocene-Pleistocene.

2. **Submerged prolongation of the land mass and entitlement to the continental shelf beyond 200 M**

- 20 The volcanic islands of Guadeloupe and Martinique surmounting the island arc of the Lesser Antilles constitute the French land mass in the region. The different components of the Lesser Antilles, i.e. the island arc, the Barbados Accretionary Prism and the accreted Tiburon Ridge, form a continuous, composite morphological feature that constitutes the submarine prolongation of that land mass by way of the FOS envelope.

21 The outer edge of the continental margin, established from the foot of the continental slope of the French Antilles Region by applying the provisions of article 76, paragraph 4, of the Convention, extends beyond the 200 M limits of France. On this basis, the Commission recognizes the legal entitlement of France to delineate the outer limits of its continental shelf beyond its 200 M limits in this region (Figure 5, Annex VI).

3. The determination of the foot of the continental slope

22 The FOS should be established in accordance with article 76, paragraph 4(b), of the Convention.

3.1 Considerations

23 The outer edge of the continental margin is based on formula points generated from one relevant FOS point, 03, and four critical FOS points, 06, 07, 08, and 09.

24 From the shelf to the deep-sea floor, the French Antilles Region is dominated by a succession of three morphological features: a very marked escarpment; an intermediate margin formed by the accretionary prism; and the frontal escarpment of the accretionary prism; the base of which France regards as the base of the slope zone (BOS) (i.e. within the subduction trench).

25 Based on the Submission alone, the Subcommittee agreed with the approach adopted by France to define the BOS to coincide with the frontal escarpment of the accretionary prism (Figure 6, Annex VI)). Accordingly, and based on the morphological and bathymetric evidence, supplemented by other geological and geophysical data provided by France the Subcommittee agreed with the way the locations of both relevant and critical FOS points 03, 06, 07, 08, and 09 were established (Figure 7 Annex VI).

3.2 Recommendations

26 Based on its consideration of the technical and scientific documentation contained in the Submission of France and the additional information provided in documents referred to in paragraph 18 above, the Commission concludes that, in the French Antilles Region, the FOS points listed in table contained in file named FRA1_ANTILLES_FOS_Final_23March2012.pdf in Annex I, fulfill the requirements of article 76 and Chapter 5 of the Guidelines. The Commission recommends that these FOS points should form the basis for the establishment of the outer edge of the continental margin in the French Antilles Region.

4. The establishment of the outer edge of the continental margin

27 The outer edge of the continental margin of France in the French Antilles Region should, for the purposes of the Convention, be established in accordance with article 76, paragraphs 4 and 7, of the Convention.

4.1 The application of the 60 M distance formula

- 28 In the French Antilles Region, the outer edge of the continental margin is partly based on fixed points on arcs constructed at a distance of not more than 60 M from FOS points on the continental margins of the Region in accordance with the provision contained in article 76, paragraph 4(a)(ii), of the Convention.
- 29 Fixed point CM15 of the outer edge of the continental margin established in the French Antilles is the only fixed point delineating the outer limit of the continental shelf derived using the 60 M distance formula utilizing FOS 09 point on the continental margin of the French Antilles. (Figure 5 , Annex VI); in table contained in file named FRA1_ANTILLES_FOS_Final_23March2012.pdf in, Annex I).
- 30 The Commission agrees with the way this point has been established by France in the French Antilles Region.

4.2 The application of the sediment thickness and 60 M formulae

- 31 In the French Antilles region, France submitted nine relevant fixed points beyond its 200 M line: eight based on the sediment thickness, and one based on the 60 M provisions of sub-paragraphs 4 (a)(i) and 4 (a)(ii) respectively, of article 76 of the Convention that are derived from four (4) FOS points: FOSs 09, 08, 07 and 06 on the continental margin of the French Antilles (Figure 8 Annex VI). France established these sediment thickness points CM1-CM3 and CM15-CM21, based on the seismic lines PR13, PR36, PR38, PR11-1, PR28, PR 41, PR09-1, and PR07- 0, respectively.
- 32 In its submission, France applied a velocity function derived from three velocity sets located to the south of the Barracuda Ridge. The Subcommission pointed out that, since the sedimentary sequences to the south and north of the ridge would reflect different sedimentological developments, it would expect that the velocity profiles for the two sediment sequences would also differ. Accordingly, the Subcommission suggested that instead, France should apply the velocity data available from a Sonobuoy C located to the north of the ridge. After an exchange of communications,³ France agreed with the procedure proposed by the Subcommission.
- 33 The Commission agrees with the procedure applied by France to establish the fixed points based on FOS points on the continental margin of the French Antilles Region as contained in table contained in file named FRA1_ANTILLES_FOS_Final_23March2012.pdf in, Annex I, including the data provided, the seismic interpretation, the methods of depth conversion, and the distance calculations.

4.3 Configuration of the Outer Edge of the Continental Margin

- 34 In the French Antilles Region, except to the North, the outer edge of the continental margin extends eastwards beyond the 200 M limit of France (Figure 8, Annex VI).
- 35 The outer edge of the continental margin in the French Antilles consists of 22 points: points CM1 to CM15 established from FOS 09, point CM16 (established from FOS 08), point CM17 established from FOS 09, points CM18 and CM19

³ See documents FRA1_DOC_SC_001_08_03_2011, FRA1_DOC_SC_002_09_03_2011, FRA1_DOC_SC_004_15_06_2011, SC_DOC_FRA1_001_19_11_2010, SC_DOC_FRA1_002_08_03_2011 and SC_DOC_FRA1_004_10_03_2011)

established from FOS 08; point CM20 established from FOS 07, point CM 21 established from FOS 06 and FP 10 on the 60 M line from FOS 03 located within the EEZ as shown in the Figure 8, Annex VI.

4.4 Recommendations

- 36 In the French Antilles Region, the outer edge of the continental margin beyond 200 M is based on points on the 60 M arcs and sediment thickness points as described in sections 4.1 and 4.2, in accordance with article 76, paragraph 7, of the Convention (Figures 8, Annex VI). The Commission recommends that these arcs and points are used as the basis for delineating the outer limits of the continental shelf in this region.

5. The delineation of the outer limits of the continental shelf

- 37 The outer limits of the continental shelf should be based on the established outer edge of the continental margin, taking into consideration the constraints contained in article 76, paragraphs 5 and 6, of the Convention.

5.1 The application of constraint criteria

- 38 The outer limits of the continental shelf cannot extend beyond the constraints as per the provisions contained in article 76, paragraphs 5 and 6, of the Convention. Accordingly, the provision that the outer limits of the continental shelf may not exceed 350 M from the baselines from which the breadth of the territorial sea is measured (the “distance constraint”) may be applied in all cases. Alternatively, the provision that the outer limits of the continental shelf may not exceed 100 M from the 2500 m isobath (“depth constraint”) may be applied to those parts of the continental margin that are classified as natural components of that margin.
- 39 In the French Antilles Region, France has demonstrated that the formula line delineating the outer edge of the continental margin does not exceed 350 M from the territorial sea baselines.
- 40 The distance constraint line submitted by France is constructed by arcs at 350 M distance from the territorial sea baselines of the islands of Guadeloupe and Martinique (Figure 8, Annex VI). The Commission agrees with the procedure and methods applied by France in the construction of this constraint line.

5.1.1 The application of the distance constraint line

- 41 The Commission agrees that no constraints will contribute to the establishment of the outer limits of the continental shelf in the French Antilles Region.

5.2 The outer limits of the continental shelf

- 42 The outer limits of the continental shelf in the French Antilles Region as contained in the Submission of France of 5 February 2009 consists of nine (9) fixed points connected by straight lines not exceeding 60 M in length. Eight fixed points are

established by the provisions contained in article 76, paragraph 4(a), of the Convention, and one fixed point is located on France's 200 M limit line associated with the French Antilles

- 43 The Commission decided to amend the outer limit connecting the fixed points FP8 and FP9 on the 200 M limit of France by a straight line not exceeding 60 M in length by connecting instead, the Sediment Thickness Formula Point CM21 to the point marked as FP10 (Figure 8) defining the outer edge of the continental margin within the 200 M limit of the French Antilles Region. The Commission consequently recommends that the point of intersection of this line with the 200 M limit line shall be considered as the final outer limit fixed point in this area. The fixed points are listed in table contained in FRA1_ANTILLES_ECS_Final_16Apr2012.pdf, Annex I, and also shown in Figure 9, Annex VI.

5.3 Recommendations

- 44 The Commission agrees with the determination of the fixed points listed in table contained in FRA1_ANTILLES_CM_Final_16Apr2012.pdf, Annex I establishing the outer edge of the continental margin in the French Antilles Region. The Commission recommends that the delineation of the outer limits of the continental shelf in the French Antilles be conducted in accordance with paragraph 7 of article 76, of the Convention by straight lines not exceeding 60 M in length, connecting fixed points, defined by coordinates of latitude and longitude also listed in table contained in FRA1_ANTILLES_ECS_Final_16Apr2012.pdf. The Commission recommends that France proceed to establish the outer limits of the continental shelf as described in paragraph 55.
- 45 Furthermore the establishment of the final outer limits of the continental shelf of France in parts of the French Antilles Region may depend on delimitation between States. The Commission recommends, that France proceeds to delineate the outer limits of the continental shelf in the French Antilles Region taking into consideration article 9 of Annex II.

B. The Kerguelen Islands Region

1. Geographical region description

- 46 The Kerguelen Plateau is located in the southernmost Indian Ocean between latitudes 46°S and 64°S. This feature is a large, NNW-SSE trending composite sea-floor high, about 2300 km long and 600 km in average width; extending over an area of more than 1.5 million km². It consists of the elements: Northern, Central and Southern Kerguelen Plateau (NKP, CKP and SKP), Skiff Bank (SB), Elan Bank (EB) and Williams Ridge (WR). In the west, north and east, the Kerguelen Plateau is bounded by the Enderby, Crozet, Australian-Antarctic and Labuan Basins. In the south, it is separated from the Antarctic Continent by the Princess Elizabeth Trough (Figure 10, Annex VI).
- 47 The North Kerguelen Plateau (NKP) is located between 46°S and 50°S and forms the shallower parts of the plateau (water depths less than 1000 m). It is characterized by basement highs that rise 3000 to 4000 m above the abyssal plain, with the culminating point of this province being represented by the Kerguelen Islands.

2. Submerged prolongation of the land mass and entitlement to the continental shelf beyond 200 M

48 The volcanic Kerguelen Islands (France) located on the NKP, constitute the French landmass in the region. The different components of the Kerguelen Plateau form a continuous, elongated morphological feature that constitutes a submarine prolongation of that land mass. The outer edge of the continental margin as generated from the foot of the continental slope points of the Kerguelen Plateau by applying the provisions of article 76, paragraph 4, extends beyond the 200 M limits of France. On this basis, the Commission recognises the legal entitlement of France to establish continental shelf beyond its 200 M limits in this Region (Figure 11, Annex VI).

3. The determination of the foot of the continental slope

49 The FOS should be established in accordance with article 76, paragraph 4(b), of the Convention.

3.1 Considerations

50 In its submission, France describes an approach whereby the base of the slope zone (BOS zone) on a regional scale is determined based on the present, observed seafloor morphology of the Kerguelen Plateau, combined with its anomalous characteristics relative to the calculated bathymetry for normal ocean spreading crust (Figure 12, Annex VI). Based on this regional model, the continental margin is subdivided into 9 morphological Zones (Figure 13, Annex VI), France applies three additional criteria to identify the BOS zone on a local scale at each relevant foot of the slope location:

- presence of a sector with a change in gradient (i.e. a break of slope);
- situated at a depth greater than 3000 m; and
- and prolonging a structure whose bathymetric anomaly is significantly higher than that of the deep ocean floor.

51 The Subcommittee agreed in general with this approach applied by France to determine the BOS zone. However, based mainly on the Subcommittee's understanding of the third criterion listed above, as well as its considerations of the measured bathymetry, the Subcommittee was of the view that the location of the BOS zone in some areas needed to be adjusted. This would also affect the location of the critical foot of the slope points in these areas.

52 Following a series of interactions based on responses to questions and additional information related to this matter (see Annex III), the Subcommittee accepted the clarifications for parts of those areas, but disagreed with the BOS location submitted for parts of the margin within Zones 1, 6 and 7 (Figure 13, Annex VI).

53 Forty critical FOS points were submitted by France in the Kerguelen Islands Region within the 9 morphological zones referred to in paragraph 61: Zone 1 (FOS 010 – FOS 020), Zone 2 (FOS 030 – FOS 100), Zone 3 (FOS 110 – FOS 130), Zone 4 (FOS 140 – FOS 160), Zone 5 (FOS 170 – FOS 190), Zone 6 (FOS 200, FOS 210), Zone 7 (FOS 220, FOS 230, FOS 240), Zone 8 (FOS 250 – FOS 390), and Zone 9 (FOS 400) (Figure 14, Annex VI). All of these FOS points were

determined on the basis of the general rule of maximum change in the gradient within the BOS zones defined in the submission.

- 54 Based on the agreed BOS definition, supplemented by other geological and geophysical data provided by France, the Subcommission agreed with the locations of the following FOS points: FOS 010, FOS 030 through FOS 100, FOS 110 through FOS 130, FOS 140 through FOS 160, FOS 170 through FOS 190, FOS 200, FOS 250 through FOS 390, FOS 400.
- 55 The Subcommission did not agree with the definition of the BOS in Zone 1, and therefore did not agree to the location of FOS 020. The foot of the slope point FOS 020 was located seaward of a local, transverse ridge at the base of the main slope of the plateau. In the view of the Subcommission, the selected BOS window was too narrow to cover the whole BOS zone in this area. The Subcommission suggested that the BOS window for the calculation of the maximum change in gradient should include the approximately 400 meters escarpment of the transverse ridge about 10 to 15 km landward of the FOS 020, and that the foot of the slope point of the area should be adjusted accordingly.
- 56 France agreed with the Subcommission and adjusted the locations of the BOS and FOS 020 as proposed by the Subcommission.
- 57 The Subcommission initially did not agree with the definition of the BOS in Zone 6 and, consequently, did not agree with the location of foot of the slope point FOS 210. The point FOS 210 was established in an indentation on the seafloor identified on a single MBE swath. However, this location did not seem to be connected with the “continental” slope by any morphological structure that can be identified to stand out from the average roughness of the surrounding seafloor, neither on the MBE swath, nor on the Smith and Sandwell grid. Based on the data available, the Subcommission was of the view that the BOS zone in this case should be sought in a more landward position and FOS 210 should be replaced.
- 58 In their presentation FRA1_PRE_SC_006_29_08_2011, France proposed the new FOS point, FOS 205, in a more landward position along the same feature as a replacement of FOS 210. The Subcommission did not agree with the location of FOS 205 for the same reasons as for FOS 210.
- 59 In their communication SC_DOC_FRA1_007_21_03_2012, France provided additional multibeam bathymetric data that, in the view of the Subcommission, substantiated the existence of a submarine high forming a spur to the continental margin in the area of the location of FOS 210. Based on these supplementary data, the Commission agreed with the location of FOS 210 as well as the location of an additional new point along the same feature, FOS 212. (Figure 15, Annex VI)
- 60 Since the Subcommission did not agree with the location of the BOS in Zone 7, they also disagreed with the locations of the critical FOS points FOS 220 and FOS 230. The foot of the slope point FOS 220 is located in an indentation in a west-facing, N-S trending step (“the eastern escarpment”) on the seafloor. From the escarpment the seafloor dips gently to the east and exhibits a ribbon-like pattern probably formed by seafloor spreading magmatism. This escarpment and its associated slight elevation along its eastern side does not seem to form an individual morphological structure connecting to the “continental” slope of the Kerguelen Plateau. In the view of the Subcommission, this escarpment is a feature of the deep ocean floor and does not appear to be the location of the BOS zone in the area, thus it proposed that FOS 220 should be replaced. FOS 230 is located at

the flank of a low rise which, in the view of the Subcommission, does not connect with the continental slope.

- 61 In its communication FRA1_DOC_SC_006_02_09_2011, France proposed a new FOS point, FOS 215, to replace FOS 220. However, the Subcommission did not agree to the proposed FOS 215 for the same reasons it did not agree with FOS 220.
- 62 Following the non-agreement with FOS 220 and FOS 215, FOS 240, originally submitted as a supporting point, became a critical FOS point. This FOS point is located at the base of the most seaward of a chain of seamounts running down the slope onto the deep ocean floor. The Subcommission was initially of the view that the saddle points were too low to justify the chain to represent a submerged prolongation as far as FOS 240 unless it could be demonstrated, by the support of supplementary geological and/or geophysical data, that the saddle points belonged to the slope and not to the deep ocean floor.
- 63 In a series of communications, the French delegation and the Subcommission exchanged views on further examination and analysis of the data available. During these exchanges, attention was paid to a sediment fan, which is evident from the MBES bathymetry data, that occupies the lower parts of the slope in this area. During these exchanges, France also proposed a new, supplementary FOS point, FOS 238, adjacent to FOS 240. With the support of the available seismic data, a conclusion was reached as described in the following paragraphs.
- 64 Based on morphology, the Subcommission agreed that the sequence of saddle points landward of FOS 240 sits progressively deeper in the seaward direction, and hence follows the general trend of the slope. The Subcommission noted that the sediment fan along the eastern flanks of the row of seamounts is part of that slope (Figure 16, Annex VI). The morphology of this sediment fan, as based on MBES data, strongly indicates that this fan represents the accumulation of sediments transported by gravity driven sedimentary processes down the gully.
- 65 The seismic line KERGUEPLAC3-24 (Figure 17, Annex VI) supports the process described in the previous paragraph. The transparent and chaotic character of the internal sequence in the seaward end of this line is typical of scree deposits. Just seaward of the end of this line, the bathymetry shows a marked “escarpment” which is the toe end of the sediment fan and its gravitational sediments (Figure 16, Annex VI). Since such deposits of sediments reflect gravitational processes typical of the slope, the Subcommission concluded that the BOS in this area should follow the toe (the outline) of the sediment fan.
- 66 This implies that the saddle points landward of FOS 240 all belong to the slope. Accordingly, the Commission agrees with the location of FOS 240 as submitted by France. Since the new FOS point FOS 238 is located along the same row of seamounts, the Subcommission also agrees with its location as submitted by France.
- 67 The Commission did not agree with the location of FOS 220 or FOS 230, nor with the locations of the alternatively proposed FOS 205 and FOS 215.

3.2 Recommendations

- 68 Based on its consideration of the technical and scientific documentation contained in the Partial Submission of France, and the additional information provided in documents listed in Annex III, the Commission concluded that, in the Kerguelen

Islands Region, the FOS points listed in the table contained in FRA1_KERGUELEN_FOS_Final_23March2012.pdf of Annex I, fulfill the requirements of article 76 and Chapter 5 of the Guidelines. The Commission recommends that these FOS points should form the basis for the establishment of the outer edge of the continental margin in the Kerguelen Islands Region.

4. The establishment of the outer edge of the continental margin

69 The outer edge of the continental margin of France should, for the purposes of the Convention, be established in accordance with article 76, paragraphs 4 and 7.

4.1 The application of the 60 M distance formula

70 In the Kerguelen Islands Region, the outer edge of the continental margin is based on fixed points on arcs constructed at a distance of not more than 60 M from FOS points on the continental margins of the region, in accordance with the provision contained in article 76, paragraph 4(a)(ii) of the Convention.

71 All the parts of the outer edge of the continental margin established in the Kerguelen Islands Region are based on fixed points derived by applying the 60 M distance formula on the agreed FOS points on the continental margin of the Region (Figure 18, Annex VI) tabulated in the table contained in FRA1_KERGUELEN_CM_Final_26March2012.pdf, Annex I).

72 The Commission agrees with the way these points have been established by France in the Kerguelen Islands Region.

4.2 Configuration of the Outer Edge of the Continental Margin

73 In the Kerguelen Islands Region, the outer edge of the continental margin extends south-westwards, westwards, northwards, eastwards, and south-eastwards beyond the 200 M limit of France (Figure 18, Annex VI).

4.3 Recommendations

74 In the Kerguelen Islands Region, the outer edge of the continental margin beyond 200 M is based on points on the 60 M arcs as described in section 5.1, in accordance with article 76, paragraph 7, of the Convention (Figure 18, Annex VI). The Commission recommends that these arcs and points are used as the basis for delineating the outer limits of the continental shelf in this region.

5. The delineation of the outer limits of the continental shelf

75 The outer limits of the continental shelf should be based on the established outer edge of the continental margin, taking into consideration the constraints contained in article 76, paragraphs 5 and 6, of the Convention.

5.1 The application of constraint criteria

76 The outer limits of the continental shelf cannot extend beyond the constraints as per the provisions contained in article 76, paragraph 5, of the Convention. Accordingly, the provision that the outer limits of the continental shelf may not exceed 350 M from the baselines from which the breadth of the territorial sea is measured (the “distance constraint”) may be applied in all cases. Alternatively, the provision that the outer limits of the continental shelf may not exceed 100 M from

the 2500 m isobath (“depth constraint”) may be applied to those parts of the continental margin that are classified as natural components of that margin.

- 77 For the outer limits of the continental shelf in the Kerguelen Islands Region, France has invoked a combination of the distance and the depth constraints. In the view of the Commission, the application of the depth constraint involves the examination of whether the relevant seafloor highs involved may be considered natural components of the continental margin.

5.1.1 The construction of the distance constraint line

- 78 The distance constraint line submitted by France is constructed by arcs at 350 M distance from the baselines from which the breadth of the territorial sea of France is measured (Figure 20, Annex VI). The Commission agrees with the procedure and methods applied by France in the construction of this constraint line.

5.1.2 The construction of the depth constraint line

- 79 The 2500 m isobath on which the depth criterion constraint line is based on the isobaths of the un-named spur in Zone 2 in the west and the Gallieni Ridge in the east. France submits the view that, since all of these isobaths are landward of the foot of the continental slope, they conform to the general outline of the continental margin as defined for the purposes of the Convention (Figure 21, Annex VI). Therefore, the application of these isobaths as basis for the depth criterion constraint is in accordance with the Convention and with paragraphs 4.4.1 and 4.4.2 of the Guidelines.
- 80 The Commission agrees with this view and recommends that the depth criterion constraint line is constructed as submitted by France.

5.1.3 Consideration and classification of submarine highs

- 81 In its submission, France presents its view that the Gallieni Ridge is a submarine elevation that is a natural component of the continental margin in the sense of article 76, paragraph 6. Hence, it may allow for the application of the depth constraint (2500 m isobath + 100 M) with regard to the outer limits generated from it.
- 82 The Subcommission, in its document SC_DOC_FRA1_001_18_11_2010, argued that the origin of the ridge may be related to the evolution of both the Kerguelen Plateau and the surrounding deep ocean floor, and that it could instead be classified as a submarine ridge in the sense of the paragraph referred to above. However, the Subcommission also stated that in its view, based on the data available, it was not in a position to decide on such classification of the Gallieni Ridge.
- 83 In its response in document FRA1_DOC_SC_001_08_03_2011 and presentation FRA1_PRE_SC_002_07_03_2011, France pointed out several characteristics of the Gallieni Ridge as described and analyzed in the PhD thesis of Courrèges, (2010). In particular France drew attention to the age calculation based on the elastic thickness of the crust on which the ridge was emplaced at the time of ridge emplacement. According to this, the ridge was emplaced (as a line of coalescing volcanoes) on the pre-existing ocean spreading crust within a relatively short time span about 26 Ma ago. France also pointed out that it is not in alignment with the fracture zones of the ocean crust, and concluded that it is an expression of the

Kerguelen hotspot and, as such, should be regarded as a natural component of the margin.

- 84 Having examined the information, the Subcommittee responded in its presentation SC_PRE_FRA1_003_11_03_2011, that the Gallieni Ridge is probably a chain of volcanoes formed along the trace of a hot spot. It is a common view that such volcanic chains form as an oceanic plate moves over a stationary hotspot (hereafter termed “hotspot ridge”). In this case it could be related to the trailing edge of the Kerguelen hotspot itself after the Kerguelen Plateau split and separated from the Broken Ridge (as indicated in the model of Dyment et al., 2007, referred to in slide No 9 in FRA1_PRE_SC_004_10_03_2011).
- 85 In its response in document FRA1_DOC_SC_005_30_08_2011 and presentation FRA1_PRE_SC_005_29_08_2011, France reiterated its view and, in particular, pointed to the fact that the emplacement of the ridge had taken place in a very short time (2 – 4 Ma according to the crustal age model) and that the length of the ridge is incompatible with that deduced from existing Kerguelen hot spot trace models.
- 86 The Subcommittee agreed that these two factors strongly indicate that the Gallieni Ridge is not a “hotspot ridge” of the more “common” type. The Subcommittee also added the following observations:
- The Gallieni Ridge straddles the transition between the thickened, anomalous crust of the Northern Kerguelen Plateau and the normal spreading ocean crust (deep ocean floor);
 - The ridge was emplaced about 10 – 15 Ma after the onset of seafloor spreading between the Kerguelen Plateau and the Broken Ridge, and hence was not formed by the tectonic breakup process, but by a later magmatic event;
 - According to Courrèges (2010), the Gallieni Ridge was probably emplaced as a chain of volcanoes along a fracture in the ocean crust, possibly propagating from west to east. However, the author points out that there are no direct age datings to confirm such propagation; and
 - From its morphology (and age model) it seems likely that the ridge did propagate from the Kerguelen Plateau, and as such the ridge and the plateau should have a similar geochemical character. However, there are no geochemical samples available to compare with the Kerguelen Plateau. In this connection, the Subcommittee notes that the emplacement of the Gallieni volcanoes took place 15–16 Ma later than the end of the last main magmatic pulse of the Kerguelen hotspot (about 40 Ma).
- 87 Based on the above facts and discussion, the Subcommittee concluded that there are still considerable uncertainties and a lack of data with regard to understanding the Gallieni Ridge, its geochemical character, its tectono-magmatic emplacement mechanism, and the exact age and time span of that emplacement. Therefore, the Commission does not consider it proven, based on the data provided, that the Gallieni Ridge should be regarded as a submarine elevation that is a natural component of the continental margin in the sense of article 76, paragraph 6.
- 88 The Commission recognises, however, that by way of the foot of the continental slope envelope and morphology, the Gallieni Ridge is part of the submerged prolongation of the landmass of the Kerguelen Islands and, as such, is part of the continental margin of France in the Kerguelen Plateau region.

- 89 Since the classification of the Gallieni Ridge as a submarine elevation in the sense of article 76, paragraph 6, is not considered proven, the Commission is of the opinion that the application of those parts of the combined constraint line which are based on the depth constraint provision is not justified. The Commission recommends that the distance constraint line should be applied.
- 90 The Commission recognizes that, by way of the foot of the continental slope envelope and morphology, the un-named spur in the Skiff Bank area of Zone 2 in the western part of the Kerguelen Plateau is part of the submerged prolongation of the land mass of France. The un-named spur is bounded to the west by a steep, major escarpment and to the east by a less steep flank, which is semi parallel to fracture zones further to the east. The major escarpment of the spur has a different strike than the associated fracture zones. The un-named spur exhibits an internal fabric that is continuous with the internal fabric of the Upper Cretaceous basement of the Skiff Bank area and is highly oblique to both the western, major escarpment and the fracture zones. Based on the morphological and geological evidence in the Submission, the additional material provided by France (Annex III), and the literature, the Commission agrees, on balance, that the said spur is a tectonic sliver of the Kerguelen Plateau formed by rifting. Accordingly, the Commission agrees that the spur is to be classified as a submarine elevation that is a natural component of the continental margin of the Kerguelen Islands of France in the sense of article 76, paragraph 6, of the Convention. Hence, to delineate the outer limits of the continental shelf, a valid depth constraint could be applied to fixed points used to establish the outer edge of the continental margin that are derived from the FOS 050 through FOS 160.

5.1.4 The application of the combination of the distance and the depth constraints

- 91 In the Kerguelen Islands Region, France has applied a constraint line based on the combination of both the distance and depth constraints contained in article 76, paragraph 5, of the Convention (see sections 5.1.1 and 5.1.2 above). The Commission agrees with the way this combined constraint line has been applied except with respect to Gallieni Ridge in the eastern part of the Kerguelen Island plateau..

5.2 The outer limits of the continental shelf

- 92 The outer limits of the continental shelf in the Kerguelen Islands Region as contained in the Submission of France of 5 February 2009 and revised on 23 March 2012, consists of fixed points connected by straight lines not exceeding 60 M in length (Figure 19, Annex VI). The fixed points are listed in the table contained in FRA1_KERGUELEN_ECS_Final_23March2012.pdf, Annex I.

5.3 Recommendations

- 93 The Commission agrees with the determination of the fixed points listed in table contained in FRA1_KERGUELEN_CM_Final_26March2012.pdf, Annex I establishing the outer edge of the continental margin in the Kerguelen Islands Region. The Commission recommends that the delineation of the outer limits of the continental shelf in the Kerguelen Islands Region be conducted in accordance with paragraph 7 of article 76, of the Convention by straight lines not exceeding 60 M in length, connecting fixed points, defined by coordinates of latitude and longitude also

listed in table contained in FRA1_Kerguelen_ECS_Final_23March2012.pdf. The Commission recommends that the joining with the 200 M line of France be defined by the intersection between the 200 M line and the line, not exceeding 60M in length, bridging the 60 M arcs measured from FOS 010 and FOS 020 (Figure 19, Annex VI). The Commission further recommends that France proceed to establish the outer limits of the continental shelf from the said intersection with the 200 M line of France to fixed point FP 920 on the agreed boundary between France and Australia.

ANNEX I

Tables of coordinates, for the foot of continental slope points, the outer edge of the continental margin points and the outer limits of the continental shelf beyond 200 M

FRA1_ANTILLES_CM_Final_16April2012.pdf
FRA1_ANTILLES_ECS_Final_16April2012.pdf
FRA1_ANTILLES_FOS_Final_23March2012.pdf
FRA1_KERGUELEN_CM_Final_26March2012.pdf
FRA1_KERGUELEN_ECS_Final_23March2012.pdf
FRA1_KERGUELEN_FOS_Final_23March2012.pdf

The tables of Annex I are only available in electronic form.

CM Point ID	Longitude (decimal deg)	Latitude (decimal deg)	Distance between ECS Points (M)	Article 76 4(i) or 4(ii)	Contributing FOS point
CM1	-55.922667200	14.804233900	0.000000	76 4(i)	FOS9
CM2	-55.745662700	15.225721200	27.198000	76 4(i)	FOS9
CM3	-55.944894000	15.568965000	23.536000	76 4(i)	FOS9
CM4	-56.443879000	15.604802900	0.317424	76 4(ii)	FOS9
CM5	-56.446385100	15.609527500	0.999979	76 4(ii)	FOS9
CM6	-56.454536200	15.624282800	0.999794	76 4(ii)	FOS9
CM7	-56.462935600	15.638903300	0.999697	76 4(ii)	FOS9
CM8	-56.471592700	15.653380000	1.000034	76 4(ii)	FOS9
CM9	-56.480498100	15.667722100	1.000266	76 4(ii)	FOS9
CM10	-56.489651900	15.681920500	0.999791	76 4(ii)	FOS9
CM11	-56.499054100	15.695957600	0.999926	76 4(ii)	FOS9
CM12	-56.508686400	15.709851000	1.000104	76 4(ii)	FOS9
CM13	-56.518566900	15.723583200	0.999936	76 4(ii)	FOS9
CM14	-56.528677500	15.737153900	0.853791	76 4(ii)	FOS9
CM15	-56.537518600	15.748594400	35.947000	76 4(ii)	FOS9
CM16	-56.367073600	16.551694100	48.986000	76 4(i)	FOS8
CM17	-55.953109400	16.646862200	24.521000	76 4(i)	FOS9
CM18	-56.337225000	16.691664200	16.412427	76 4(i)	FOS8
CM19	-56.613683800	16.758522400	38.622000	76 4(i)	FOS8
CM20	-56.954123000	16.694144500	19.977000	76 4(i)	FOS7
CM21	-57.438528000	16.799625000	38.047398	76 4(i)	FOS6
FP10 on the formula line within the EEZ	to be determined by the state	to be determined by the state	<60 M		FOS 3

ECS Point ID	Longitude (decimal deg)	Latitude (decimal deg)	Distance between ECS Points (M)	Article 76 4(i) or 4(ii)	Contributing FOS point
FP1	-55.922667200	14.804233900	0	76 4(i)	FOS9
FP2	-55.745662700	15.225721200	27.198	76 4(i)	FOS9
FP3	-55.944894000	15.568965000	23.536	76 4(i)	FOS9
FP4	-56.537518600	15.748594400	35.947	76 4(ii)	FOS9
FP5	-56.367073600	16.551694100	48.986	76 4(i)	FOS8
FP6	-55.953109400	16.646862200	24.521	76 4(i)	FOS9
FP7	-56.613683800	16.758522400	38.622	76 4(i)	FOS8
FP8	-56.954123000	16.694144500	19.977	76 4(i)	FOS7
CM21	-57.438528000	16.799625000	38.047398	76 4(i)	FOS6
X	to be determined by the State	to be determined by the State	shortest distance to 200M line		on 200 M line

FOS ID	Longitude (decimal deg)	Latitude (decimal deg)
FOS03	-58.944089000	16.617717000
FOS06	-58.022994500	15.522266600
FOS07	-57.858170600	15.418227200
FOS08	-57.396579000	15.164765100
FOS09	-57.361868100	15.141031900

CM Point ID	Longitude (decimal deg)	Latitude (decimal deg)	Distance between points (M)	Article 76 criterion	Contributing FOS point
On 200 M line	63.462665	-51.498373	0.000000	76 1	FOS10
CM61	61.954865	-51.178528	59.898314	76 4(ii)	FOS20
On 60M arc	60.777919	-51.853031	59.898252	76 4(ii)	FOS40
CM131	60.777645	-51.853232	0.016000	76 4(ii)	FOS40
CM132	60.759897	-51.865733	0.999979	76 4(ii)	FOS40
CM133	60.741800	-51.878047	1.000116	76 4(ii)	FOS40
CM134	60.723364	-51.890167	1.000012	76 4(ii)	FOS40
CM135	60.704603	-51.902092	0.999793	76 4(ii)	FOS40
CM136	60.685507	-51.913819	0.999918	76 4(ii)	FOS40
CM137	60.666088	-51.925345	0.999980	76 4(ii)	FOS40
CM138	60.646356	-51.936668	0.999913	76 4(ii)	FOS40
CM139	60.626308	-51.947779	0.999862	76 4(ii)	FOS40
CM140	60.605952	-51.958681	1.000025	76 4(ii)	FOS40
CM141	60.585300	-51.969367	0.999834	76 4(ii)	FOS40
CM142	60.564342	-51.979836	1.000140	76 4(ii)	FOS40
CM143	60.543104	-51.990086	0.999972	76 4(ii)	FOS40
CM144	60.521585	-52.000108	0.999734	76 4(ii)	FOS40
CM145	60.499783	-52.009907	1.000058	76 4(ii)	FOS40
CM146	60.477709	-52.019472	0.999900	76 4(ii)	FOS40
CM147	60.455374	-52.028809	0.999979	76 4(ii)	FOS40
CM148	60.432782	-52.037908	0.999860	76 4(ii)	FOS40
CM149	60.409935	-52.046770	0.999942	76 4(ii)	FOS40
CM150	60.386842	-52.055393	1.000062	76 4(ii)	FOS40
CM151	60.363515	-52.063771	0.999832	76 4(ii)	FOS40
CM152	60.339952	-52.071904	0.999969	76 4(ii)	FOS40
CM153	60.316167	-52.079788	0.999844	76 4(ii)	FOS40
CM154	60.292160	-52.087423	1.000052	76 4(ii)	FOS40
CM155	60.267948	-52.094806	0.999809	76 4(ii)	FOS40
CM156	60.243525	-52.101932	0.999975	76 4(ii)	FOS40
CM157	60.218906	-52.108807	1.000052	76 4(ii)	FOS40
CM158	60.194102	-52.115417	0.999810	76 4(ii)	FOS40
CM159	60.169111	-52.121768	0.999966	76 4(ii)	FOS40
CM160	60.143942	-52.127856	1.000016	76 4(ii)	FOS40
CM161	60.118612	-52.133681	0.999849	76 4(ii)	FOS40
CM162	60.093115	-52.139242	1.000070	76 4(ii)	FOS40
CM163	60.067471	-52.144530	0.999798	76 4(ii)	FOS40
CM164	60.041678	-52.149555	1.000004	76 4(ii)	FOS40
CM165	60.015748	-52.154305	0.999884	76 4(ii)	FOS40
CM166	59.989683	-52.158781	1.000034	76 4(ii)	FOS40
CM167	59.963502	-52.162987	0.999860	76 4(ii)	FOS40
CM168	59.937201	-52.166919	1.000016	76 4(ii)	FOS40
CM169	59.910798	-52.170574	0.999865	76 4(ii)	FOS40
CM170	59.884293	-52.173950	0.999895	76 4(ii)	FOS40
CM171	59.857692	-52.177050	1.000093	76 4(ii)	FOS40
CM172	59.831014	-52.179868	0.999794	76 4(ii)	FOS40
CM173	59.804258	-52.182409	0.999928	76 4(ii)	FOS40
CM174	59.777432	-52.184669	0.999977	76 4(ii)	FOS40
CM175	59.750545	-52.186647	0.999997	76 4(ii)	FOS40

CM176	59.723609	-52.188344	0.999901	76 4(ii)	FOS40
CM177	59.696630	-52.189761	0.999868	76 4(ii)	FOS40
CM178	59.669614	-52.190892	0.999924	76 4(ii)	FOS40
CM179	59.642565	-52.191743	1.000064	76 4(ii)	FOS40
CM180	59.615501	-52.192308	0.999894	76 4(ii)	FOS40
CM181	59.588422	-52.192589	1.000033	76 4(ii)	FOS40
CM182	59.561344	-52.192589	0.999823057	76 4(ii)	FOS40
CM183	59.534267	-52.192305	0.999934914	76 4(ii)	FOS40
CM184	59.507200	-52.191735	1.000016227	76 4(ii)	FOS40
CM185	59.480159	-52.190885	0.999790689	76 4(ii)	FOS40
CM186	59.473907	-52.190646	0.231303295	76 4(ii)	FOS40,FOS50
CM187	59.466567	-52.190542	0.271104958	76 4(ii)	FOS50
CM188	59.439508	-52.189974	0.999756375	76 4(ii)	FOS50
CM189	59.412460	-52.189122	1.000094400	76 4(ii)	FOS50
CM190	59.385445	-52.187988	0.999911061	76 4(ii)	FOS50
CM191	59.358464	-52.186571	0.999990776	76 4(ii)	FOS50
CM192	59.331528	-52.184869	0.999975443	76 4(ii)	FOS50
CM193	59.304648	-52.182887	0.999822900	76 4(ii)	FOS50
CM194	59.277822	-52.180628	1.000012161	76 4(ii)	FOS50
CM195	59.251066	-52.178083	0.999986513	76 4(ii)	FOS50
CM196	59.224391	-52.175262	0.999765929	76 4(ii)	FOS50
CM197	59.197794	-52.172158	1.000021876	76 4(ii)	FOS50
CM198	59.171289	-52.168778	0.999988419	76 4(ii)	FOS50
CM199	59.144885	-52.165122	0.999921992	76 4(ii)	FOS50
CM200	59.118591	-52.161190	0.999826025	76 4(ii)	FOS50
CM201	59.092408	-52.156980	1.000020671	76 4(ii)	FOS50
CM202	59.066350	-52.152500	0.999887497	76 4(ii)	FOS50
CM203	59.040420	-52.147749	0.999953527	76 4(ii)	FOS50
CM204	59.014627	-52.142724	1.000047881	76 4(ii)	FOS50
CM205	58.988983	-52.137429	0.999945111	76 4(ii)	FOS50
CM206	58.963493	-52.131871	0.999823930	76 4(ii)	FOS50
CM207	58.938163	-52.126042	0.999947884	76 4(ii)	FOS50
CM208	58.912999	-52.119950	0.999991705	76 4(ii)	FOS50
CM209	58.888010	-52.113599	0.999925358	76 4(ii)	FOS50
CM210	58.863205	-52.106984	0.999958422	76 4(ii)	FOS50
CM211	58.838591	-52.100109	0.999955434	76 4(ii)	FOS50
CM212	58.814177	-52.092979	0.999817526	76 4(ii)	FOS50
CM213	58.789965	-52.085596	0.999849826	76 4(ii)	FOS50
CM214	58.765962	-52.077957	1.000021647	76 4(ii)	FOS50
CM215	58.742177	-52.070069	0.999996735	76 4(ii)	FOS50
CM216	58.718614	-52.061936	1.000013295	76 4(ii)	FOS50
CM217	58.695292	-52.053555	0.999795716	76 4(ii)	FOS50
CM218	58.672205	-52.044930	0.999943623	76 4(ii)	FOS50
CM219	58.649359	-52.036069	0.999936151	76 4(ii)	FOS50
CM220	58.626766	-52.026966	1.000031925	76 4(ii)	FOS50
CM221	58.604434	-52.017627	0.999976496	76 4(ii)	FOS50
CM222	58.582365	-52.008059	0.999910009	76 4(ii)	FOS50
CM223	58.560569	-51.998259	0.999930811	76 4(ii)	FOS50
CM224	58.539050	-51.988233	0.999908881	76 4(ii)	FOS50
CM225	58.517816	-51.977982	0.999901851	76 4(ii)	FOS50
CM226	58.496867	-51.967513	0.999920131	76 4(ii)	FOS50

CM227	58.476215	-51.956822	1.000029875	76 4(ii)	FOS50
CM228	58.455864	-51.945920	0.999888461	76 4(ii)	FOS50
CM229	58.435816	-51.934805	1.000051999	76 4(ii)	FOS50
CM230	58.416091	-51.923484	0.999669443	76 4(ii)	FOS50
CM231	58.396672	-51.911955	1.000116296	76 4(ii)	FOS50
CM232	58.377582	-51.900227	0.999854558	76 4(ii)	FOS50
CM233	58.358821	-51.888298	0.999964477	76 4(ii)	FOS50
CM234	58.340392	-51.876173	1.000067498	76 4(ii)	FOS50
CM235	58.322302	-51.863863	0.999790195	76 4(ii)	FOS50
CM236	58.304558	-51.851361	0.999931824	76 4(ii)	FOS50
CM237	58.287163	-51.838677	0.999834209	76 4(ii)	FOS50
CM238	58.270117	-51.825808	1.000156319	76 4(ii)	FOS50
CM239	58.253429	-51.812766	0.999989447	76 4(ii)	FOS50
CM240	58.237106	-51.799554	0.999798460	76 4(ii)	FOS50
CM241	58.221150	-51.786169	0.999988896	76 4(ii)	FOS50
CM242	58.205569	-51.772619	0.999901371	76 4(ii)	FOS50
CM243	58.190358	-51.758910	0.999907526	76 4(ii)	FOS50
CM244	58.175531	-51.745041	0.999948040	76 4(ii)	FOS50
CM245	58.161082	-51.731022	0.999891656	76 4(ii)	FOS50
CM246	58.147019	-51.716851	1.000052380	76 4(ii)	FOS50
CM247	58.133353	-51.702535	0.999924015	76 4(ii)	FOS50
CM248	58.120078	-51.688077	1.000036716	76 4(ii)	FOS50
CM249	58.107203	-51.673487	0.999738263	76 4(ii)	FOS50
CM250	58.094730	-51.658761	0.999895033	76 4(ii)	FOS50
CM251	58.082657	-51.643904	1.000101121	76 4(ii)	FOS50
CM252	58.070992	-51.628927	0.999858990	76 4(ii)	FOS50
CM253	58.059736	-51.613828	0.999986381	76 4(ii)	FOS50
CM254	58.048900	-51.598615	0.999786988	76 4(ii)	FOS50
CM255	58.038473	-51.583287	1.000089048	76 4(ii)	FOS50
CM256	58.028470	-51.567854	0.999897741	76 4(ii)	FOS50
CM257	58.018881	-51.552320	0.999900434	76 4(ii)	FOS50
CM258	58.009720	-51.536684	1.000049237	76 4(ii)	FOS50
CM259	58.000984	-51.520957	0.999897482	76 4(ii)	FOS50
CM260	57.992668	-51.505141	0.999966435	76 4(ii)	FOS50
CM261	57.984792	-51.489238	0.999968598	76 4(ii)	FOS50
CM262	57.977340	-51.473256	0.999969642	76 4(ii)	FOS50
CM263	57.970322	-51.457200	0.999851352	76 4(ii)	FOS50
CM264	57.963738	-51.441071	0.999953879	76 4(ii)	FOS50
CM265	57.957589	-51.424876	0.999917506	76 4(ii)	FOS50
CM266	57.951882	-51.408616	1.000043271	76 4(ii)	FOS50
CM267	57.946604	-51.392305	0.999727181	76 4(ii)	FOS50
CM268	57.941767	-51.375937	0.999948102	76 4(ii)	FOS50
CM269	57.937374	-51.359517	1.000136232	76 4(ii)	FOS50
CM270	57.933422	-51.343060	0.999734418	76 4(ii)	FOS50
CM271	57.929907	-51.326558	1.000105445	76 4(ii)	FOS50
CM272	57.926835	-51.310024	0.999948916	76 4(ii)	FOS50
CM273	57.924203	-51.293460	0.999963017	76 4(ii)	FOS50
CM274	57.922018	-51.276875	0.999691942	76 4(ii)	FOS50
CM275	57.920275	-51.260264	1.000016118	76 4(ii)	FOS50
CM276	57.918970	-51.243639	0.999905752	76 4(ii)	FOS50
CM277	57.918112	-51.227001	0.999996475	76 4(ii)	FOS50

CM278	57.917692	-51.210356	1.000016036	76 4(ii)	FOS50
CM279	57.917717	-51.193709	1.000008231	76 4(ii)	FOS50
CM280	57.918180	-51.177069	0.999737242	76 4(ii)	FOS50
CM281	57.919089	-51.160430	1.000110857	76 4(ii)	FOS50
CM282	57.920434	-51.143807	0.999849545	76 4(ii)	FOS50
CM283	57.922220	-51.127199	0.999934378	76 4(ii)	FOS50
CM284	57.924439	-51.110611	0.999974671	76 4(ii)	FOS50
CM285	57.927102	-51.094050	0.999909781	76 4(ii)	FOS50
CM286	57.930197	-51.077520	0.999840044	76 4(ii)	FOS50
CM287	57.933725	-51.061020	1.000108257	76 4(ii)	FOS50
CM288	57.937691	-51.044564	0.999848135	76 4(ii)	FOS50
CM289	57.942084	-51.028150	0.999922597	76 4(ii)	FOS50
CM290	57.946908	-51.011784	0.999942065	76 4(ii)	FOS50
CM291	57.952165	-50.995470	1.000020316	76 4(ii)	FOS50
CM292	57.957842	-50.979215	0.999865352	76 4(ii)	FOS50
CM293	57.963946	-50.963023	0.999808991	76 4(ii)	FOS50
CM294	57.970470	-50.946890	1.000201479	76 4(ii)	FOS50
CM295	57.977414	-50.930836	0.999706595	76 4(ii)	FOS50
CM296	57.984778	-50.914853	0.999955382	76 4(ii)	FOS50
CM297	57.992558	-50.898947	1.000093310	76 4(ii)	FOS50
CM298	58.000744	-50.883126	0.999933509	76 4(ii)	FOS50
CM299	58.009350	-50.867396	0.999877367	76 4(ii)	FOS50
CM300	58.018357	-50.851755	0.999978057	76 4(ii)	FOS50
CM301	58.027765	-50.836211	0.999897765	76 4(ii)	FOS50
CM302	58.037577	-50.820767	0.999966469	76 4(ii)	FOS50
CM303	58.047788	-50.805428	0.999964090	76 4(ii)	FOS50
CM304	58.058395	-50.790202	0.999753753	76 4(ii)	FOS50
CM305	58.069393	-50.775083	1.000071894	76 4(ii)	FOS50
CM306	58.080786	-50.760086	0.999914772	76 4(ii)	FOS50
CM307	58.092554	-50.745208	0.999864702	76 4(ii)	FOS50
CM308	58.104706	-50.730452	1.000076723	76 4(ii)	FOS50
CM309	58.117242	-50.715831	0.999878615	76 4(ii)	FOS50
CM310	58.130148	-50.701340	0.999967193	76 4(ii)	FOS50
CM311	58.143423	-50.686986	0.999941923	76 4(ii)	FOS50
CM312	58.157064	-50.672772	0.999977141	76 4(ii)	FOS50
CM313	58.164992	-50.664751	0.568953239	76 4(ii)	FOS50,FOS60
CM314	58.169786	-50.657931	0.448677886	76 4(ii)	FOS60
CM315	58.180753	-50.642816	0.999833479	76 4(ii)	FOS60
CM316	58.192101	-50.627815	0.999897377	76 4(ii)	FOS60
CM317	58.203839	-50.612935	1.000005948	76 4(ii)	FOS60
CM318	58.215953	-50.598180	0.999936531	76 4(ii)	FOS60
CM319	58.228451	-50.583558	0.999861857	76 4(ii)	FOS60
CM320	58.241321	-50.569066	1.000005550	76 4(ii)	FOS60
CM321	58.254554	-50.554709	0.999987233	76 4(ii)	FOS60
CM322	58.268159	-50.540499	0.999799231	76 4(ii)	FOS60
CM323	58.282121	-50.526430	0.999897482	76 4(ii)	FOS60
CM324	58.296447	-50.512507	1.000157960	76 4(ii)	FOS60
CM325	58.311121	-50.498740	0.999856243	76 4(ii)	FOS60
CM326	58.326145	-50.485127	0.999970133	76 4(ii)	FOS60
CM327	58.341515	-50.471677	0.999830083	76 4(ii)	FOS60
CM328	58.357220	-50.458384	1.000003245	76 4(ii)	FOS60

CM329	58.373271	-50.445264	0.999939548	76 4(ii)	FOS60
CM330	58.389642	-50.432312	0.999774418	76 4(ii)	FOS60
CM331	58.406346	-50.419532	1.000004049	76 4(ii)	FOS60
CM332	58.423374	-50.406931	0.999966926	76 4(ii)	FOS60
CM333	58.440716	-50.394509	0.999951476	76 4(ii)	FOS60
On 60M arc	58.446616	-50.390394	0.332911	76 4(ii)	FOS60
CM339	58.481473	-50.318665	4.511652	76 4(ii)	FOS70
CM340	58.489553	-50.302844	0.999784	76 4(ii)	FOS70
CM341	58.498035	-50.287105	1.000047	76 4(ii)	FOS70
CM342	58.506926	-50.271463	0.999851	76 4(ii)	FOS70
CM343	58.516210	-50.255916	0.999883	76 4(ii)	FOS70
CM344	58.525892	-50.240466	1.000081	76 4(ii)	FOS70
CM345	58.535973	-50.225125	0.999865	76 4(ii)	FOS70
CM346	58.546441	-50.209893	0.999879	76 4(ii)	FOS70
CM410	59.095720	-49.292288	59.107203	76 4(ii)	FOS100
CM411	59.105198	-49.276835	0.999920	76 4(ii)	FOS100
CM412	59.115057	-49.261485	0.999890	76 4(ii)	FOS100
CM413	59.125306	-49.246242	1.000106	76 4(ii)	FOS100
CM414	59.135933	-49.231117	0.999737	76 4(ii)	FOS100
CM415	59.146942	-49.216105	1.000116	76 4(ii)	FOS100
CM416	59.158315	-49.201217	0.999738	76 4(ii)	FOS100
CM482	59.434046	-48.240321	58.728151	76 4(ii)	FOS110
CM483	59.438556	-48.223944	0.999791	76 4(ii)	FOS110
CM484	59.443467	-48.207614	1.000061	76 4(ii)	FOS110
CM522	59.630624	-47.608576	36.749355	76 4(ii)	FOS120
CM523	59.635868	-47.592300	1.000026	76 4(ii)	FOS120
CM524	59.641510	-47.576091	0.999723	76 4(ii)	FOS120
CM525	59.647546	-47.559943	0.999941	76 4(ii)	FOS120
CM526	59.653976	-47.543865	0.999967	76 4(ii)	FOS120
CM527	59.660797	-47.527863	0.999891	76 4(ii)	FOS120
CM528	59.668008	-47.511939	0.999914	76 4(ii)	FOS120
CM529	59.675605	-47.496093	1.000243	76 4(ii)	FOS120
CM530	59.683582	-47.480339	0.999889	76 4(ii)	FOS120
CM531	59.691948	-47.464678	0.999929	76 4(ii)	FOS120
CM532	59.700682	-47.449111	0.999874	76 4(ii)	FOS120
CM533	59.709802	-47.433645	1.000008	76 4(ii)	FOS120
CM534	59.719284	-47.418284	0.999786	76 4(ii)	FOS120
CM535	59.729145	-47.403030	1.000031	76 4(ii)	FOS120
CM536	59.739370	-47.387890	0.999875	76 4(ii)	FOS120
CM537	59.749966	-47.372868	0.999940	76 4(ii)	FOS120
CM538	59.760912	-47.357963	0.999999	76 4(ii)	FOS120
CM539	59.772224	-47.343184	1.000039	76 4(ii)	FOS120
CM540	59.783882	-47.328535	0.999807	76 4(ii)	FOS120
CM541	59.795899	-47.314020	0.999947	76 4(ii)	FOS120
CM542	59.808260	-47.299642	0.999885	76 4(ii)	FOS120
CM543	59.820962	-47.285401	0.999962	76 4(ii)	FOS120
CM544	59.834010	-47.271308	0.999935	76 4(ii)	FOS120
CM545	59.847392	-47.257361	1.000013	76 4(ii)	FOS120
CM546	59.861107	-47.243568	0.999925	76 4(ii)	FOS120
CM547	59.875150	-47.229931	0.999927	76 4(ii)	FOS120
CM548	59.889514	-47.216450	0.999960	76 4(ii)	FOS120

CM549	59.904204	-47.203135	0.999999	76 4(ii)	FOS120
CM550	59.919206	-47.189989	0.999759	76 4(ii)	FOS120
CM551	59.934520	-47.177007	1.000072	76 4(ii)	FOS120
CM552	59.950144	-47.164204	0.999880	76 4(ii)	FOS120
CM553	59.966071	-47.151575	0.999994	76 4(ii)	FOS120
CM554	59.982295	-47.139127	0.999914	76 4(ii)	FOS120
CM555	59.998815	-47.126864	0.999965	76 4(ii)	FOS120
CM556	60.015620	-47.114786	0.999901	76 4(ii)	FOS120
CM557	60.032713	-47.102900	0.999901	76 4(ii)	FOS120
CM558	60.050086	-47.091209	0.999846	76 4(ii)	FOS120
CM559	60.067736	-47.079711	1.000055	76 4(ii)	FOS120
CM560	60.085659	-47.068415	1.000020	76 4(ii)	FOS120
CM561	60.103841	-47.057322	0.999840	76 4(ii)	FOS120
CM562	60.122288	-47.046431	1.000068	76 4(ii)	FOS120
CM563	60.140989	-47.035755	0.999795	76 4(ii)	FOS120
CM564	60.159937	-47.025283	0.999985	76 4(ii)	FOS120
CM565	60.179131	-47.015030	0.999859	76 4(ii)	FOS120
CM566	60.198569	-47.004992	0.999972	76 4(ii)	FOS120
CM567	60.218239	-46.995175	0.999945	76 4(ii)	FOS120
CM568	60.238139	-46.985578	0.999978	76 4(ii)	FOS120
CM569	60.258266	-46.976209	0.999990	76 4(ii)	FOS120
CM570	60.278604	-46.967067	0.999733	76 4(ii)	FOS120
CM571	60.299157	-46.958151	0.999942	76 4(ii)	FOS120
CM572	60.319922	-46.949470	0.999966	76 4(ii)	FOS120
CM573	60.340884	-46.941020	0.999925	76 4(ii)	FOS120
On 60M arc	60.357344	-46.934636	0.777679	76 4(ii)	FOS120
On 60M arc	61.225419	-46.139287	59.764026	76 4(ii)	FOS150
CM646	61.228146	-46.131199	0.498545	76 4(ii)	FOS150
CM647	61.234003	-46.115043	1.000020	76 4(ii)	FOS150
CM648	61.240242	-46.098958	0.999890	76 4(ii)	FOS150
CM649	61.246864	-46.082947	0.999969	76 4(ii)	FOS150
CM650	61.253864	-46.067012	1.000065	76 4(ii)	FOS150
CM651	61.261235	-46.051163	0.999809	76 4(ii)	FOS150
CM652	61.268988	-46.035399	1.000061	76 4(ii)	FOS150
CM653	61.277106	-46.019731	0.999753	76 4(ii)	FOS150
CM654	61.285595	-46.004152	1.000131	76 4(ii)	FOS150
CM655	61.294448	-45.988678	0.999802	76 4(ii)	FOS150
CM656	61.303672	-45.973306	1.000027	76 4(ii)	FOS150
CM657	61.313254	-45.958046	0.999827	76 4(ii)	FOS150
CM658	61.323187	-45.942895	0.999914	76 4(ii)	FOS150
CM685	61.585821	-45.555192	25.751656	76 4(ii)	FOS160
CM686	61.596039	-45.540155	0.999956	76 4(ii)	FOS160
CM687	61.606604	-45.525240	0.999888	76 4(ii)	FOS160
CM688	61.617520	-45.510448	1.000050	76 4(ii)	FOS160
CM689	61.628776	-45.495785	0.999969	76 4(ii)	FOS160
CM690	61.640374	-45.481259	0.999786	76 4(ii)	FOS160
CM691	61.652308	-45.466863	1.000112	76 4(ii)	FOS160
CM692	61.664572	-45.452611	0.999907	76 4(ii)	FOS160
CM693	61.677169	-45.438503	0.999941	76 4(ii)	FOS160
CM694	61.690093	-45.424544	0.999986	76 4(ii)	FOS160
CM695	61.703339	-45.410739	0.999829	76 4(ii)	FOS160

CM696	61.716899	-45.397087	0.999936	76 4(ii)	FOS160
CM697	61.730776	-45.383592	1.000051	76 4(ii)	FOS160
CM698	61.744967	-45.370265	0.999924	76 4(ii)	FOS160
CM699	61.759459	-45.357103	0.999876	76 4(ii)	FOS160
CM700	61.774256	-45.344108	1.000059	76 4(ii)	FOS160
CM701	61.789348	-45.331290	0.999842	76 4(ii)	FOS160
CM702	61.804738	-45.318648	1.000016	76 4(ii)	FOS160
CM703	61.820412	-45.306188	0.999736	76 4(ii)	FOS160
CM704	61.836377	-45.293911	0.999977	76 4(ii)	FOS160
CM705	61.852623	-45.281819	1.000095	76 4(ii)	FOS160
CM706	61.869143	-45.269918	0.999937	76 4(ii)	FOS160
CM707	61.885935	-45.258213	0.999913	76 4(ii)	FOS160
CM708	61.902994	-45.246701	1.000020	76 4(ii)	FOS160
CM709	61.920316	-45.235393	0.999863	76 4(ii)	FOS160
CM710	61.937893	-45.224286	0.999894	76 4(ii)	FOS160
CM711	61.955723	-45.213384	0.999919	76 4(ii)	FOS160
CM712	61.973806	-45.202693	0.999975	76 4(ii)	FOS160
CM713	61.992122	-45.192211	0.999821	76 4(ii)	FOS160
CM714	62.010682	-45.181943	0.999926	76 4(ii)	FOS160
CM715	62.029477	-45.171894	1.000019	76 4(ii)	FOS160
CM716	62.048498	-45.162064	0.999960	76 4(ii)	FOS160
CM717	62.067743	-45.152456	1.000012	76 4(ii)	FOS160
CM718	62.087198	-45.143070	0.999880	76 4(ii)	FOS160
CM719	62.106873	-45.133919	0.999904	76 4(ii)	FOS160
CM720	62.126748	-45.124993	0.999847	76 4(ii)	FOS160
CM721	62.146826	-45.116297	0.999922	76 4(ii)	FOS160
CM722	62.167103	-45.107837	1.000034	76 4(ii)	FOS160
CM723	62.187571	-45.099616	0.999990	76 4(ii)	FOS160
CM724	62.208217	-45.091629	0.999850	76 4(ii)	FOS160
CM725	62.229051	-45.083888	1.000074	76 4(ii)	FOS160
CM726	62.250056	-45.076391	0.999937	76 4(ii)	FOS160
CM727	62.271227	-45.069136	0.999935	76 4(ii)	FOS160
CM728	62.292559	-45.062127	0.999938	76 4(ii)	FOS160
CM729	62.314047	-45.055370	0.999786	76 4(ii)	FOS160
CM730	62.335688	-45.048862	0.999890	76 4(ii)	FOS160
CM731	62.357478	-45.042609	1.000062	76 4(ii)	FOS160
CM732	62.379404	-45.036604	0.999982	76 4(ii)	FOS160
CM733	62.401467	-45.030860	1.000015	76 4(ii)	FOS160
CM734	62.423651	-45.025371	0.999818	76 4(ii)	FOS160
CM735	62.445960	-45.020140	0.999967	76 4(ii)	FOS160
CM736	62.468387	-45.015171	0.999990	76 4(ii)	FOS160
CM737	62.490916	-45.010465	0.999675	76 4(ii)	FOS160
CM738	62.513559	-45.006015	1.000122	76 4(ii)	FOS160
CM739	62.536295	-45.001834	0.999892	76 4(ii)	FOS160
CM740	62.559123	-44.997916	0.999931	76 4(ii)	FOS160
CM741	62.582037	-44.994264	0.999908	76 4(ii)	FOS160
CM742	62.605032	-44.990879	0.999942	76 4(ii)	FOS160
CM743	62.628100	-44.987764	0.999941	76 4(ii)	FOS160
CM744	62.651237	-44.984913	0.999973	76 4(ii)	FOS160
CM745	62.674436	-44.982335	0.999983	76 4(ii)	FOS160
CM746	62.697688	-44.980024	0.999954	76 4(ii)	FOS160

CM747	62.720993	-44.977986	1.000038	76 4(ii)	FOS160
CM748	62.744333	-44.976218	0.999734	76 4(ii)	FOS160
CM749	62.767717	-44.974719	0.999987	76 4(ii)	FOS160
CM750	62.791131	-44.973495	1.000001	76 4(ii)	FOS160
CM751	62.814570	-44.972543	1.000002	76 4(ii)	FOS160
CM752	62.838021	-44.971864	0.999693	76 4(ii)	FOS160
CM753	62.861492	-44.971456	1.000033	76 4(ii)	FOS160
CM754	62.884758	-44.971324	0.991064	76 4(ii)	FOS160
CM755	62.908236	-44.971461	1.000058	76 4(ii)	FOS160
CM756	62.931700	-44.971868	0.999743	76 4(ii)	FOS160
CM757	62.955157	-44.972553	0.999996	76 4(ii)	FOS160
CM758	62.978596	-44.973505	1.000002	76 4(ii)	FOS160
CM759	63.002011	-44.974732	1.000015	76 4(ii)	FOS160
CM760	63.025389	-44.976232	0.999804	76 4(ii)	FOS160
CM761	63.048734	-44.978003	0.999944	76 4(ii)	FOS160
CM762	63.072039	-44.980042	1.000037	76 4(ii)	FOS160
CM763	63.095287	-44.982353	0.999764	76 4(ii)	FOS160
CM764	63.118484	-44.984935	0.999933	76 4(ii)	FOS160
CM765	63.141622	-44.987789	1.000100	76 4(ii)	FOS160
CM766	63.164691	-44.990906	0.999958	76 4(ii)	FOS160
CM767	63.187686	-44.994294	0.999980	76 4(ii)	FOS160
CM768	63.210600	-44.997951	0.999970	76 4(ii)	FOS160
CM769	63.233426	-45.001870	0.999837	76 4(ii)	FOS160
CM770	63.256162	-45.006055	0.999963	76 4(ii)	FOS160
CM771	63.278797	-45.010503	0.999819	76 4(ii)	FOS160
CM772	63.301336	-45.015215	1.000149	76 4(ii)	FOS160
CM773	63.323756	-45.020188	0.999773	76 4(ii)	FOS160
CM774	63.346063	-45.025420	0.999906	76 4(ii)	FOS160
CM775	63.368249	-45.030908	0.999875	76 4(ii)	FOS160
CM776	63.390312	-45.036657	1.000113	76 4(ii)	FOS160
CM777	63.412238	-45.042661	0.999981	76 4(ii)	FOS160
CM778	63.434020	-45.048920	0.999814	76 4(ii)	FOS160
CM779	63.455662	-45.055427	0.999977	76 4(ii)	FOS160
On 60M arc	63.464897	-45.058332	0.429713	76 4(ii)	FOS160
On 60M arc	64.827210	-44.842026	59.481807	76 4(ii)	FOS180
CM867	64.846059	-44.826816	1.216800	76 4(ii)	FOS180
CM868	64.861887	-44.814536	0.999961	76 4(ii)	FOS180
CM869	64.877994	-44.802442	1.000006	76 4(ii)	FOS180
CM870	64.894370	-44.790539	0.999843	76 4(ii)	FOS180
CM871	64.911021	-44.778826	1.000080	76 4(ii)	FOS180
CM872	64.927936	-44.767313	0.999977	76 4(ii)	FOS180
CM873	64.945112	-44.756001	0.999939	76 4(ii)	FOS180
CM874	64.962539	-44.744890	0.999884	76 4(ii)	FOS180
CM875	64.980220	-44.733983	1.000036	76 4(ii)	FOS180
CM876	64.998150	-44.723290	0.999939	76 4(ii)	FOS180
CM877	65.016312	-44.712802	0.999885	76 4(ii)	FOS180
CM878	65.034716	-44.702532	0.999983	76 4(ii)	FOS180
CM879	65.053350	-44.692482	0.999782	76 4(ii)	FOS180
CM880	65.072212	-44.682648	1.000022	76 4(ii)	FOS180
CM881	65.091294	-44.673034	1.000101	76 4(ii)	FOS180
CM882	65.110588	-44.663649	0.999797	76 4(ii)	FOS180

CM883	65.130093	-44.654490	0.999869	76 4(ii)	FOS180
CM884	65.149806	-44.645564	0.999917	76 4(ii)	FOS180
CM885	65.169720	-44.636866	1.000061	76 4(ii)	FOS180
CM886	65.189822	-44.628405	0.999756	76 4(ii)	FOS180
CM887	65.210117	-44.620177	1.000028	76 4(ii)	FOS180
CM888	65.230596	-44.612194	0.999900	76 4(ii)	FOS180
CM889	65.251255	-44.604448	1.000056	76 4(ii)	FOS180
CM890	65.272083	-44.596946	0.999913	76 4(ii)	FOS180
CM891	65.293074	-44.589688	0.999816	76 4(ii)	FOS180
CM892	65.314234	-44.582677	1.000076	76 4(ii)	FOS180
CM893	65.335549	-44.575917	1.000038	76 4(ii)	FOS180
CM894	65.357012	-44.569407	0.999963	76 4(ii)	FOS180
CM895	65.378616	-44.563149	0.999885	76 4(ii)	FOS180
CM896	65.400355	-44.557147	0.999694	76 4(ii)	FOS180
CM897	65.422238	-44.551400	1.000164	76 4(ii)	FOS180
CM898	65.444238	-44.545908	0.999811	76 4(ii)	FOS180
CM899	65.466361	-44.540677	0.999867	76 4(ii)	FOS180
CM900	65.488604	-44.535706	1.000038	76 4(ii)	FOS180
CM901	65.510954	-44.530996	0.999985	76 4(ii)	FOS180
CM902	65.533405	-44.526546	0.999942	76 4(ii)	FOS180
CM903	65.555955	-44.522360	0.999992	76 4(ii)	FOS180
CM904	65.578592	-44.518443	0.999794	76 4(ii)	FOS180
CM905	65.601320	-44.514788	1.000044	76 4(ii)	FOS180
CM906	65.624123	-44.511402	0.999886	76 4(ii)	FOS180
CM907	65.647001	-44.508286	0.999902	76 4(ii)	FOS180
CM908	65.669946	-44.505433	0.999967	76 4(ii)	FOS180
On 60M arc	65.684614	-44.503789	0.637478	76 4(ii)	FOS180
On 60M arc	66.588207	-43.757865	59.391948	76 4(ii)	FOS210
CM1006	66.588287	-43.753263	0.276104	76 4(ii)	FOS210
CM1007	66.588961	-43.736605	0.999753	76 4(ii)	FOS210
CM1008	66.590017	-43.719953	1.000069	76 4(ii)	FOS210
CM1009	66.591450	-43.703318	0.999966	76 4(ii)	FOS210
CM1010	66.593273	-43.686702	0.999985	76 4(ii)	FOS210
CM1011	66.595467	-43.670110	0.999919	76 4(ii)	FOS210
CM1012	66.598048	-43.653547	0.999998	76 4(ii)	FOS210
CM1013	66.601001	-43.637020	0.999802	76 4(ii)	FOS210
CM1014	66.604331	-43.620528	1.000000	76 4(ii)	FOS210
CM1015	66.608044	-43.604081	0.999829	76 4(ii)	FOS210
CM1016	66.612122	-43.587678	1.000013	76 4(ii)	FOS210
CM1017	66.616582	-43.571330	0.999824	76 4(ii)	FOS210
CM1018	66.621408	-43.555035	0.999970	76 4(ii)	FOS210
CM1019	66.626603	-43.538800	1.000023	76 4(ii)	FOS210
CM1020	66.632170	-43.522631	0.999920	76 4(ii)	FOS210
CM1021	66.638108	-43.506531	1.000074	76 4(ii)	FOS210
CM1022	66.644403	-43.490508	0.999779	76 4(ii)	FOS210
CM1023	66.651062	-43.474560	0.999928	76 4(ii)	FOS210
CM1024	66.658080	-43.458694	1.000012	76 4(ii)	FOS210
CM1025	66.665457	-43.442918	0.999809	76 4(ii)	FOS210
CM1026	66.673192	-43.427233	0.999850	76 4(ii)	FOS210
CM1027	66.681279	-43.411637	1.000189	76 4(ii)	FOS210
CM1028	66.689718	-43.396147	0.999881	76 4(ii)	FOS210

CM1029	66.698504	-43.380759	0.999921	76 4(ii)	FOS210
CM1030	66.707633	-43.365482	0.999738	76 4(ii)	FOS210
CM1031	66.717110	-43.350313	1.000088	76 4(ii)	FOS210
CM1032	66.726929	-43.335261	1.000053	76 4(ii)	FOS210
CM1033	66.737078	-43.320334	0.999721	76 4(ii)	FOS210
CM1035	66.758386	-43.290848	2.000028	76 4(ii)	FOS210
CM1036	66.769532	-43.276306	0.999777	76 4(ii)	FOS210
CM1037	66.781005	-43.261899	0.999958	76 4(ii)	FOS210
CM1038	66.792798	-43.247631	0.999956	76 4(ii)	FOS210
CM1039	66.804907	-43.233506	1.000001	76 4(ii)	FOS210
CM1040	66.817338	-43.219534	0.999925	76 4(ii)	FOS210
CM1041	66.830069	-43.205711	0.999800	76 4(ii)	FOS210
CM1042	66.843113	-43.192043	0.999971	76 4(ii)	FOS210
CM1043	66.856461	-43.178535	1.000003	76 4(ii)	FOS210
CM1044	66.870109	-43.165191	0.999893	76 4(ii)	FOS210
CM1045	66.884053	-43.152012	0.999993	76 4(ii)	FOS210
CM1046	66.898287	-43.139001	1.000022	76 4(ii)	FOS210
CM1047	66.912813	-43.126170	0.999846	76 4(ii)	FOS210
CM1048	66.927622	-43.113510	1.000069	76 4(ii)	FOS210
CM1049	66.942707	-43.101036	0.999766	76 4(ii)	FOS210
CM1050	66.958065	-43.088743	0.999813	76 4(ii)	FOS210
CM1051	66.973703	-43.076634	1.000188	76 4(ii)	FOS210
CM1052	66.989605	-43.064717	1.000067	76 4(ii)	FOS210
CM1053	67.005766	-43.052998	0.999726	76 4(ii)	FOS210
CM1054	67.022187	-43.041470	1.000068	76 4(ii)	FOS210
CM1055	67.038862	-43.030146	0.999918	76 4(ii)	FOS210
CM1056	67.055784	-43.019027	0.999754	76 4(ii)	FOS210
CM1057	67.072951	-43.008109	0.999980	76 4(ii)	FOS210
CM1058	67.090356	-42.997400	0.999921	76 4(ii)	FOS210
CM1059	67.107999	-42.986905	0.999943	76 4(ii)	FOS210
CM1060	67.125873	-42.976623	1.000065	76 4(ii)	FOS210
CM1061	67.143967	-42.966559	0.999821	76 4(ii)	FOS210
CM1062	67.162286	-42.956714	1.000060	76 4(ii)	FOS210
CM1063	67.180814	-42.947093	0.999773	76 4(ii)	FOS210
CM1064	67.199557	-42.937697	0.999995	76 4(ii)	FOS210
CM1065	67.218501	-42.928527	0.999855	76 4(ii)	FOS210
CM1066	67.237646	-42.919588	0.999900	76 4(ii)	FOS210
CM1067	67.256989	-42.910877	1.000149	76 4(ii)	FOS210
CM1068	67.276518	-42.902408	0.999831	76 4(ii)	FOS210
CM1069	67.296232	-42.894174	0.999898	76 4(ii)	FOS210
CM1070	67.316125	-42.886178	0.999959	76 4(ii)	FOS210
CM1071	67.336191	-42.878422	0.999976	76 4(ii)	FOS210
CM1072	67.356423	-42.870912	0.999857	76 4(ii)	FOS210
CM1073	67.376824	-42.863645	1.000138	76 4(ii)	FOS210
CM1074	67.397378	-42.856628	0.999889	76 4(ii)	FOS210
CM1075	67.418079	-42.849858	0.999808	76 4(ii)	FOS210
CM1076	67.438931	-42.843341	0.999962	76 4(ii)	FOS210
CM1077	67.459923	-42.837075	0.999926	76 4(ii)	FOS210
CM1078	67.481053	-42.831064	1.000118	76 4(ii)	FOS210
CM1079	67.502305	-42.825306	0.999832	76 4(ii)	FOS210
CM1080	67.523687	-42.819810	1.000048	76 4(ii)	FOS210

CM1081	67.545180	-42.814573	0.999690	76 4(ii)	FOS210
CM1082	67.566791	-42.809593	1.000065	76 4(ii)	FOS210
CM1083	67.588508	-42.804876	1.000017	76 4(ii)	FOS210
CM1084	67.610321	-42.800422	0.999825	76 4(ii)	FOS210
CM1085	67.632235	-42.796231	1.000117	76 4(ii)	FOS210
CM1086	67.654235	-42.792310	0.999904	76 4(ii)	FOS210
CM1087	67.676313	-42.788651	0.999760	76 4(ii)	FOS210
CM1088	67.698475	-42.785262	0.999986	76 4(ii)	FOS210
CM1089	67.720704	-42.782140	0.999818	76 4(ii)	FOS210
CM1090	67.743007	-42.779287	1.000207	76 4(ii)	FOS210
CM1091	67.765359	-42.776701	0.999782	76 4(ii)	FOS210
CM1092	67.787772	-42.774390	1.000052	76 4(ii)	FOS210
CM1093	67.810230	-42.772346	0.999955	76 4(ii)	FOS210
CM1094	67.832730	-42.770576	0.999986	76 4(ii)	FOS210
CM1095	67.855260	-42.769074	0.999718	76 4(ii)	FOS210
CM1096	67.877828	-42.767849	1.000058	76 4(ii)	FOS210
CM1097	67.900416	-42.766893	0.999915	76 4(ii)	FOS210
CM1098	67.923020	-42.766214	0.999804	76 4(ii)	FOS210
CM1099	67.945637	-42.765806	0.999880	76 4(ii)	FOS210
CM1100	67.968064	-42.765673	0.991179	76 4(ii)	FOS210
CM1101	67.990688	-42.765811	0.999916	76 4(ii)	FOS210
CM1102	68.013305	-42.766219	0.999880	76 4(ii)	FOS210
CM1103	68.035911	-42.766903	0.999915	76 4(ii)	FOS210
CM1104	68.058504	-42.767857	1.000107	76 4(ii)	FOS210
CM1105	68.081067	-42.769087	0.999881	76 4(ii)	FOS210
CM1106	68.103604	-42.770589	1.000014	76 4(ii)	FOS210
CM1107	68.126104	-42.772365	1.000017	76 4(ii)	FOS210
CM1108	68.148562	-42.774408	0.999955	76 4(ii)	FOS210
CM1109	68.170968	-42.776724	0.999798	76 4(ii)	FOS210
CM1110	68.193328	-42.779310	1.000076	76 4(ii)	FOS210
CM1111	68.215624	-42.782167	0.999947	76 4(ii)	FOS210
CM1112	68.237853	-42.785288	0.999818	76 4(ii)	FOS210
CM1113	68.260012	-42.788684	0.999969	76 4(ii)	FOS210
CM1114	68.282092	-42.792341	0.999834	76 4(ii)	FOS210
CM1115	68.304092	-42.796268	0.999974	76 4(ii)	FOS210
CM1116	68.326000	-42.800464	0.999903	76 4(ii)	FOS210
CM1117	68.347815	-42.804917	0.999920	76 4(ii)	FOS210
CM1118	68.369530	-42.809638	0.999977	76 4(ii)	FOS210
CM1119	68.391141	-42.814620	1.000094	76 4(ii)	FOS210
CM1120	68.412633	-42.819859	0.999752	76 4(ii)	FOS210
CM1121	68.434009	-42.825358	0.999799	76 4(ii)	FOS210
CM1122	68.455267	-42.831113	1.000076	76 4(ii)	FOS210
CM1123	68.476391	-42.837130	0.999947	76 4(ii)	FOS210
CM1124	68.497385	-42.843395	1.000017	76 4(ii)	FOS210
CM1125	68.518235	-42.849918	0.999986	76 4(ii)	FOS210
CM1126	68.538936	-42.856686	0.999767	76 4(ii)	FOS210
CM1127	68.559492	-42.863709	1.000145	76 4(ii)	FOS210
CM1128	68.579884	-42.870974	0.999737	76 4(ii)	FOS210
CM1129	68.600118	-42.878490	1.000078	76 4(ii)	FOS210
CM1135	68.713324	-42.898211	5.131514	76 4(ii)	FOS212
CM1136	68.735360	-42.902136	0.999878	76 4(ii)	FOS212

CM1137	68.757306	-42.906327	0.999876	76 4(ii)	FOS212
CM1138	68.779157	-42.910783	0.999899	76 4(ii)	FOS212
CM1139	68.800910	-42.915506	1.000053	76 4(ii)	FOS212
CM1140	68.822557	-42.920482	0.999958	76 4(ii)	FOS212
CM1141	68.844087	-42.925726	0.999892	76 4(ii)	FOS212
CM1142	68.865505	-42.931223	1.000030	76 4(ii)	FOS212
CM1143	68.886796	-42.936981	0.999908	76 4(ii)	FOS212
CM1144	68.907955	-42.942995	0.999894	76 4(ii)	FOS212
CM1145	68.928985	-42.949263	1.000073	76 4(ii)	FOS212
CM1146	68.949866	-42.955779	0.999668	76 4(ii)	FOS212
CM1147	68.970606	-42.962548	0.999916	76 4(ii)	FOS212
CM1148	68.991198	-42.969573	1.000204	76 4(ii)	FOS212
CM1149	69.011628	-42.976840	0.999929	76 4(ii)	FOS212
CM1150	69.031891	-42.984351	0.999738	76 4(ii)	FOS212
CM1151	69.051996	-42.992107	1.000120	76 4(ii)	FOS212
CM1152	69.071920	-43.000107	0.999983	76 4(ii)	FOS212
CM1153	69.091665	-43.008341	0.999828	76 4(ii)	FOS212
CM1154	69.111224	-43.016814	0.999777	76 4(ii)	FOS212
CM1155	69.130598	-43.025523	1.000027	76 4(ii)	FOS212
CM1156	69.149775	-43.034464	0.999936	76 4(ii)	FOS212
CM1157	69.168754	-43.043632	0.999895	76 4(ii)	FOS212
CM1158	69.187529	-43.053035	1.000201	76 4(ii)	FOS212
CM1159	69.206088	-43.062657	0.999813	76 4(ii)	FOS212
CM1160	69.224436	-43.072504	1.000020	76 4(ii)	FOS212
CM1161	69.242562	-43.082567	0.999861	76 4(ii)	FOS212
CM1162	69.260461	-43.092850	0.999871	76 4(ii)	FOS212
CM1163	69.278129	-43.103348	0.999875	76 4(ii)	FOS212
CM1164	69.295569	-43.114058	1.000173	76 4(ii)	FOS212
CM1165	69.312763	-43.124974	0.999800	76 4(ii)	FOS212
CM1166	69.329714	-43.136096	0.999910	76 4(ii)	FOS212
CM1167	69.346414	-43.147424	0.999930	76 4(ii)	FOS212
CM1168	69.362860	-43.158950	0.999879	76 4(ii)	FOS212
CM1169	69.379052	-43.170671	0.999955	76 4(ii)	FOS212
CM1170	69.394979	-43.182591	1.000088	76 4(ii)	FOS212
CM1171	69.410635	-43.194697	0.999792	76 4(ii)	FOS212
CM1172	69.426025	-43.206989	0.999964	76 4(ii)	FOS212
CM1173	69.441137	-43.219470	1.000078	76 4(ii)	FOS212
CM1174	69.455968	-43.232125	0.999806	76 4(ii)	FOS212
CM1175	69.470512	-43.244962	0.999910	76 4(ii)	FOS212
CM1176	69.484770	-43.257971	0.999969	76 4(ii)	FOS212
CM1177	69.498739	-43.271150	1.000016	76 4(ii)	FOS212
CM1178	69.512405	-43.284494	0.999738	76 4(ii)	FOS212
CM1179	69.525774	-43.298005	1.000066	76 4(ii)	FOS212
CM1180	69.538840	-43.311672	0.999931	76 4(ii)	FOS212
CM1181	69.551598	-43.325497	1.000033	76 4(ii)	FOS212
CM1182	69.564040	-43.339473	0.999861	76 4(ii)	FOS212
CM1183	69.576174	-43.353594	0.999924	76 4(ii)	FOS212
CM1184	69.587980	-43.367861	0.999788	76 4(ii)	FOS212
CM1185	69.599472	-43.382270	0.999976	76 4(ii)	FOS212
CM1186	69.610636	-43.396818	1.000138	76 4(ii)	FOS212
CM1187	69.621471	-43.411493	0.999799	76 4(ii)	FOS212

CM1188	69.631975	-43.426300	0.999983	76 4(ii)	FOS212
CM1189	69.642144	-43.441229	0.999869	76 4(ii)	FOS212
CM1190	69.651978	-43.456281	1.000025	76 4(ii)	FOS212
CM1191	69.661469	-43.471446	0.999840	76 4(ii)	FOS212
CM1192	69.670612	-43.486729	1.000030	76 4(ii)	FOS212
CM1193	69.679415	-43.502115	0.999927	76 4(ii)	FOS212
CM1194	69.687866	-43.517606	0.999867	76 4(ii)	FOS212
CM1195	69.695966	-43.533200	1.000118	76 4(ii)	FOS212
CM1196	69.703708	-43.548884	0.999679	76 4(ii)	FOS212
CM1197	69.711096	-43.564664	1.000075	76 4(ii)	FOS212
CM1198	69.718126	-43.580529	0.999905	76 4(ii)	FOS212
CM1199	69.724798	-43.596476	0.999943	76 4(ii)	FOS212
CM1200	69.731100	-43.612502	0.999898	76 4(ii)	FOS212
CM1201	69.737044	-43.628602	1.000005	76 4(ii)	FOS212
CM1202	69.742616	-43.644772	1.000019	76 4(ii)	FOS212
CM1203	69.747824	-43.661007	1.000023	76 4(ii)	FOS212
CM1204	69.752655	-43.677299	0.999787	76 4(ii)	FOS212
CM1205	69.757117	-43.693650	1.000006	76 4(ii)	FOS212
CM1206	69.761207	-43.710049	0.999786	76 4(ii)	FOS212
CM1207	69.764919	-43.726499	1.000000	76 4(ii)	FOS212
CM1208	69.768254	-43.742988	0.999816	76 4(ii)	FOS212
CM1209	69.771214	-43.759518	1.000017	76 4(ii)	FOS212
CM1210	69.773797	-43.776083	1.000091	76 4(ii)	FOS212
CM1211	69.775995	-43.792671	0.999731	76 4(ii)	FOS212
CM1212	69.777812	-43.809289	1.000145	76 4(ii)	FOS212
CM1213	69.779252	-43.825922	0.999779	76 4(ii)	FOS212
CM1214	69.780303	-43.842572	0.999952	76 4(ii)	FOS212
CM1215	69.780976	-43.859235	1.000132	76 4(ii)	FOS212
CM1216	69.781266	-43.875897	0.999700	76 4(ii)	FOS212
CM1217	69.781167	-43.892564	0.999936	76 4(ii)	FOS212
CM1218	69.780691	-43.909231	1.000153	76 4(ii)	FOS212
CM1219	69.779826	-43.925884	0.999780	76 4(ii)	FOS212
CM1220	69.778578	-43.942527	0.999973	76 4(ii)	FOS212
CM1221	69.776941	-43.959154	1.000067	76 4(ii)	FOS212
CM1222	69.774926	-43.975757	0.999918	76 4(ii)	FOS212
CM1223	69.772523	-43.992332	0.999895	76 4(ii)	FOS212
CM1224	69.769738	-44.008877	0.999928	76 4(ii)	FOS212
CM1225	69.766567	-44.025387	0.999975	76 4(ii)	FOS212
CM1226	69.763021	-44.041856	0.999943	76 4(ii)	FOS212
CM1227	69.759087	-44.058280	0.999990	76 4(ii)	FOS212
CM1228	69.754775	-44.074650	0.999663	76 4(ii)	FOS212
CM1229	69.750079	-44.090971	1.000052	76 4(ii)	FOS212
CM1230	69.745008	-44.107231	0.999880	76 4(ii)	FOS212
CM1231	69.739553	-44.123426	0.999887	76 4(ii)	FOS212
CM1232	69.733727	-44.139558	1.000035	76 4(ii)	FOS212
CM1233	69.727518	-44.155615	1.000049	76 4(ii)	FOS212
CM1234	69.720937	-44.171594	0.999911	76 4(ii)	FOS212
CM1235	69.713987	-44.187489	0.999773	76 4(ii)	FOS212
CM1236	69.706665	-44.203303	1.000098	76 4(ii)	FOS212
CM1237	69.698976	-44.219025	0.999938	76 4(ii)	FOS212
CM1238	69.690913	-44.234649	0.999854	76 4(ii)	FOS212

CM1239	69.682492	-44.250175	0.999850	76 4(ii)	FOS212
CM1240	69.673699	-44.265600	1.000124	76 4(ii)	FOS212
CM1241	69.664550	-44.280913	0.999836	76 4(ii)	FOS212
CM1242	69.655044	-44.296117	1.000005	76 4(ii)	FOS212
CM1243	69.645176	-44.311201	0.999921	76 4(ii)	FOS212
CM1244	69.634964	-44.326167	0.999876	76 4(ii)	FOS212
CM1245	69.624393	-44.341007	1.000063	76 4(ii)	FOS212
CM1246	69.613476	-44.355717	0.999928	76 4(ii)	FOS212
CM1247	69.602209	-44.370290	0.999832	76 4(ii)	FOS212
CM1248	69.590605	-44.384730	0.999990	76 4(ii)	FOS212
On 60M arc	70.613975	-45.049029	59.209000	76 4(ii)	FOS240
CM1281	70.621815	-45.045105	0.408269	76 4(ii)	FOS240
CM1282	70.641239	-45.035724	0.999896	76 4(ii)	FOS240
CM1283	70.660872	-45.026567	0.999894	76 4(ii)	FOS240
CM1284	70.680715	-45.017643	0.999976	76 4(ii)	FOS240
CM1285	70.700757	-45.008948	0.999942	76 4(ii)	FOS240
CM1286	70.720989	-45.000485	0.999872	76 4(ii)	FOS240
CM1287	70.741421	-44.992266	1.000013	76 4(ii)	FOS240
CM1288	70.762031	-44.984278	0.999966	76 4(ii)	FOS240
CM1289	70.782820	-44.976538	0.999807	76 4(ii)	FOS240
CM1290	70.803782	-44.969035	0.999969	76 4(ii)	FOS240
CM1291	70.824915	-44.961780	0.999966	76 4(ii)	FOS240
CM1292	70.846212	-44.954776	0.999976	76 4(ii)	FOS240
CM1293	70.867662	-44.948016	0.999935	76 4(ii)	FOS240
CM1294	70.889259	-44.941504	0.999899	76 4(ii)	FOS240
CM1295	70.911008	-44.935251	0.999957	76 4(ii)	FOS240
CM1296	70.932888	-44.929248	0.999789	76 4(ii)	FOS240
CM1297	70.954908	-44.923503	0.999978	76 4(ii)	FOS240
CM1298	70.977056	-44.918012	1.000049	76 4(ii)	FOS240
CM1299	70.999321	-44.912783	0.999806	76 4(ii)	FOS240
CM1300	71.021705	-44.907814	0.999949	76 4(ii)	FOS240
CM1301	71.044198	-44.903104	0.999989	76 4(ii)	FOS240
CM1302	71.066798	-44.898655	1.000081	76 4(ii)	FOS240
CM1303	71.089489	-44.894475	0.999783	76 4(ii)	FOS240
CM1304	71.112273	-44.890557	0.999822	76 4(ii)	FOS240
CM1305	71.135151	-44.886903	1.000214	76 4(ii)	FOS240
CM1306	71.158103	-44.883517	0.999966	76 4(ii)	FOS240
CM1307	71.181129	-44.880398	0.999982	76 4(ii)	FOS240
CM1308	71.204215	-44.877553	0.999647	76 4(ii)	FOS240
CM1309	71.227369	-44.874974	0.999925	76 4(ii)	FOS240
CM1310	71.250582	-44.872663	1.000070	76 4(ii)	FOS240
CM1311	71.273842	-44.870624	0.999977	76 4(ii)	FOS240
CM1312	71.297144	-44.868855	0.999968	76 4(ii)	FOS240
CM1313	71.320480	-44.867357	0.999829	76 4(ii)	FOS240
CM1314	71.343850	-44.866135	0.999932	76 4(ii)	FOS240
CM1315	71.367246	-44.865181	1.000048	76 4(ii)	FOS240
CM1316	71.390654	-44.864501	0.999737	76 4(ii)	FOS240
CM1317	71.414082	-44.864097	1.000069	76 4(ii)	FOS240
CM1318	71.437306	-44.863959	0.991093	76 4(ii)	FOS240
CM1319	71.460738	-44.864097	1.000006	76 4(ii)	FOS240
CM1320	71.484160	-44.864504	0.999786	76 4(ii)	FOS240

CM1321	71.507574	-44.865191	1.000040	76 4(ii)	FOS240
CM1322	71.530969	-44.866144	0.999952	76 4(ii)	FOS240
CM1323	71.554334	-44.867369	0.999755	76 4(ii)	FOS240
CM1324	71.577674	-44.868867	1.000020	76 4(ii)	FOS240
CM1325	71.600979	-44.870638	1.000073	76 4(ii)	FOS240
CM1326	71.624232	-44.872681	0.999715	76 4(ii)	FOS240
CM1327	71.647444	-44.874992	1.000070	76 4(ii)	FOS240
CM1328	71.670598	-44.877574	0.999954	76 4(ii)	FOS240
CM1329	71.693692	-44.880426	0.999995	76 4(ii)	FOS240
CM1330	71.716711	-44.883549	0.999753	76 4(ii)	FOS240
CM1331	71.739663	-44.886935	0.999965	76 4(ii)	FOS240
CM1332	71.762534	-44.890588	0.999913	76 4(ii)	FOS240
CM1333	71.785324	-44.894510	1.000168	76 4(ii)	FOS240
CM1334	71.808016	-44.898695	0.999854	76 4(ii)	FOS240
CM1335	71.830608	-44.903142	0.999778	76 4(ii)	FOS240
CM1336	71.853102	-44.907854	1.000016	76 4(ii)	FOS240
CM1337	71.875486	-44.912828	1.000034	76 4(ii)	FOS240
CM1338	71.897751	-44.918060	0.999865	76 4(ii)	FOS240
On 60M arc	73.302125	-44.957083	59.900000	76 4(ii)	FOS260
CM1409	73.315950	-44.955048	0.601557	76 4(ii)	FOS260
CM1410	73.338999	-44.951929	0.999736	76 4(ii)	FOS260
CM1411	73.362124	-44.949081	1.000075	76 4(ii)	FOS260
CM1412	73.385305	-44.946502	0.999850	76 4(ii)	FOS260
CM1413	73.408546	-44.944190	1.000102	76 4(ii)	FOS260
CM1414	73.431831	-44.942150	0.999806	76 4(ii)	FOS260
CM1415	73.455158	-44.940386	0.999755	76 4(ii)	FOS260
CM1416	73.478530	-44.938889	1.000115	76 4(ii)	FOS260
CM1417	73.501926	-44.937661	0.999874	76 4(ii)	FOS260
CM1418	73.525354	-44.936709	1.000147	76 4(ii)	FOS260
CM1419	73.548794	-44.936033	0.999830	76 4(ii)	FOS260
CM1420	73.572244	-44.935624	0.999794	76 4(ii)	FOS260
CM1421	73.595499	-44.935489	0.991204	76 4(ii)	FOS260
CM1422	73.618956	-44.935624	0.999819	76 4(ii)	FOS260
CM1423	73.642414	-44.936037	1.000088	76 4(ii)	FOS260
CM1424	73.665853	-44.936717	0.999837	76 4(ii)	FOS260
CM1425	73.689274	-44.937674	0.999876	76 4(ii)	FOS260
CM1426	73.712675	-44.938897	1.000043	76 4(ii)	FOS260
CM1427	73.736041	-44.940398	0.999855	76 4(ii)	FOS260
CM1428	73.759370	-44.942167	0.999880	76 4(ii)	FOS260
CM1429	73.782661	-44.944212	1.000125	76 4(ii)	FOS260
CM1430	73.805896	-44.946524	0.999818	76 4(ii)	FOS260
CM1431	73.829081	-44.949103	1.000038	76 4(ii)	FOS260
CM1432	73.852200	-44.951955	0.999825	76 4(ii)	FOS260
CM1433	73.875257	-44.955074	1.000111	76 4(ii)	FOS260
CM1434	73.898234	-44.958461	0.999814	76 4(ii)	FOS260
CM1435	73.921134	-44.962118	1.000012	76 4(ii)	FOS260
CM1436	73.943945	-44.966036	0.999764	76 4(ii)	FOS260
CM1437	73.966667	-44.970224	1.000030	76 4(ii)	FOS260
CM1438	73.989291	-44.974670	0.999905	76 4(ii)	FOS260
CM1439	74.011814	-44.979380	1.000049	76 4(ii)	FOS260
CM1440	74.034223	-44.984356	0.999940	76 4(ii)	FOS260

CM1441	74.056519	-44.989587	0.999985	76 4(ii)	FOS260
CM1442	74.078687	-44.995080	0.999808	76 4(ii)	FOS260
CM1443	74.100736	-45.000826	1.000067	76 4(ii)	FOS260
CM1444	74.122642	-45.006831	0.999734	76 4(ii)	FOS260
CM1445	74.144415	-45.013088	0.999976	76 4(ii)	FOS260
CM1446	74.166044	-45.019597	0.999999	76 4(ii)	FOS260
CM1447	74.187518	-45.026357	0.999846	76 4(ii)	FOS260
CM1448	74.208837	-45.033367	0.999960	76 4(ii)	FOS260
CM1449	74.229997	-45.040625	1.000086	76 4(ii)	FOS260
CM1450	74.250984	-45.048127	0.999878	76 4(ii)	FOS260
CM1451	74.271798	-45.055870	0.999847	76 4(ii)	FOS260
CM1452	74.292432	-45.063857	0.999917	76 4(ii)	FOS260
CM1453	74.312889	-45.072083	1.000199	76 4(ii)	FOS260
CM1454	74.333146	-45.080544	0.999773	76 4(ii)	FOS260
CM1455	74.353212	-45.089240	0.999990	76 4(ii)	FOS260
CM1456	74.373074	-45.098167	0.999834	76 4(ii)	FOS260
CM1457	74.392734	-45.107325	1.000023	76 4(ii)	FOS260
CM1458	74.412176	-45.116712	0.999870	76 4(ii)	FOS260
CM1459	74.431406	-45.126322	1.000004	76 4(ii)	FOS260
CM1460	74.450410	-45.136153	0.999800	76 4(ii)	FOS260
CM1461	74.469192	-45.146206	1.000072	76 4(ii)	FOS260
CM1462	74.487737	-45.156475	0.999925	76 4(ii)	FOS260
CM1463	74.506043	-45.166959	0.999896	76 4(ii)	FOS260
CM1464	74.524108	-45.177653	0.999893	76 4(ii)	FOS260
CM1465	74.541926	-45.188558	0.999998	76 4(ii)	FOS260
CM1466	74.559490	-45.199667	0.999904	76 4(ii)	FOS260
CM1467	74.576801	-45.210977	0.999946	76 4(ii)	FOS260
CM1468	74.593846	-45.222493	1.000102	76 4(ii)	FOS260
CM1469	74.610625	-45.234202	0.999933	76 4(ii)	FOS260
CM1470	74.627133	-45.246100	0.999823	76 4(ii)	FOS260
CM1471	74.643362	-45.258192	0.999853	76 4(ii)	FOS260
CM1472	74.659313	-45.270472	1.000008	76 4(ii)	FOS260
CM1473	74.674980	-45.282935	0.999961	76 4(ii)	FOS260
CM1474	74.690352	-45.295580	0.999932	76 4(ii)	FOS260
CM1475	74.705440	-45.308399	0.999983	76 4(ii)	FOS260
CM1476	74.720224	-45.321393	0.999960	76 4(ii)	FOS260
CM1477	74.734705	-45.334558	0.999913	76 4(ii)	FOS260
CM1478	74.748875	-45.347890	0.999887	76 4(ii)	FOS260
CM1479	74.762739	-45.361385	0.999961	76 4(ii)	FOS260
CM1480	74.776294	-45.375037	0.999989	76 4(ii)	FOS260
CM1481	74.789526	-45.388848	0.999982	76 4(ii)	FOS260
CM1482	74.802433	-45.402806	0.999724	76 4(ii)	FOS260
CM1483	74.815018	-45.416918	1.000077	76 4(ii)	FOS260
CM1484	74.827276	-45.431170	0.999903	76 4(ii)	FOS260
CM1485	74.839199	-45.445562	0.999849	76 4(ii)	FOS260
CM1486	74.850783	-45.460094	0.999974	76 4(ii)	FOS260
CM1487	74.862032	-45.474756	0.999881	76 4(ii)	FOS260
CM1488	74.872937	-45.489551	1.000127	76 4(ii)	FOS260
CM1489	74.883495	-45.504466	0.999884	76 4(ii)	FOS260
On 60M arc	74.884609	-45.506109	0.109194	76 4(ii)	FOS260
On 60M arc	76.183429	-45.862780	58.676197	76 4(ii)	FOS300

CM1617	76.199731	-45.856569	0.778603	76 4(ii)	FOS300
CM1618	76.220848	-45.848829	1.000033	76 4(ii)	FOS300
CM1619	76.242138	-45.841333	0.999901	76 4(ii)	FOS300
CM1620	76.263599	-45.834083	0.999908	76 4(ii)	FOS300
CM1621	76.285224	-45.827082	0.999805	76 4(ii)	FOS300
CM1622	76.307012	-45.820328	1.000086	76 4(ii)	FOS300
CM1623	76.328945	-45.813822	0.999775	76 4(ii)	FOS300
CM1624	76.351030	-45.807570	0.999963	76 4(ii)	FOS300
CM1625	76.373259	-45.801573	1.000036	76 4(ii)	FOS300
CM1626	76.395618	-45.795830	0.999877	76 4(ii)	FOS300
CM1627	76.418111	-45.790345	1.000063	76 4(ii)	FOS300
CM1628	76.440722	-45.785120	0.999801	76 4(ii)	FOS300
CM1629	76.463452	-45.780148	0.999975	76 4(ii)	FOS300
CM1630	76.486291	-45.775445	0.999801	76 4(ii)	FOS300
CM1631	76.509243	-45.771000	1.000145	76 4(ii)	FOS300
CM1632	76.532287	-45.766819	0.999856	76 4(ii)	FOS300
CM1633	76.555430	-45.762907	1.000037	76 4(ii)	FOS300
CM1634	76.578654	-45.759257	0.999837	76 4(ii)	FOS300
CM1635	76.601963	-45.755871	1.000057	76 4(ii)	FOS300
CM1636	76.625339	-45.752757	0.999707	76 4(ii)	FOS300
CM1637	76.648792	-45.749911	1.000031	76 4(ii)	FOS300
CM1638	76.672305	-45.747334	0.999967	76 4(ii)	FOS300
CM1639	76.695875	-45.745024	0.999992	76 4(ii)	FOS300
CM1640	76.719494	-45.742987	0.999959	76 4(ii)	FOS300
CM1641	76.743156	-45.741222	0.999901	76 4(ii)	FOS300
CM1642	76.766853	-45.739725	0.999862	76 4(ii)	FOS300
CM1643	76.790584	-45.738500	0.999964	76 4(ii)	FOS300
CM1644	76.814338	-45.737549	0.999852	76 4(ii)	FOS300
CM1645	76.838116	-45.736869	1.000105	76 4(ii)	FOS300
CM1646	76.861902	-45.736464	0.999863	76 4(ii)	FOS300
CM1647	76.885485	-45.736328	0.991110	76 4(ii)	FOS300
CM1648	76.909274	-45.736467	0.999794	76 4(ii)	FOS300
CM1649	76.933059	-45.736874	0.999865	76 4(ii)	FOS300
CM1650	76.956840	-45.737558	1.000211	76 4(ii)	FOS300
CM1651	76.980594	-45.738510	0.999852	76 4(ii)	FOS300
CM1652	77.004323	-45.739738	0.999883	76 4(ii)	FOS300
CM1653	77.028023	-45.741235	0.999956	76 4(ii)	FOS300
CM1654	77.051684	-45.743004	0.999931	76 4(ii)	FOS300
CM1655	77.075303	-45.745045	0.999982	76 4(ii)	FOS300
CM1656	77.098873	-45.747355	0.999992	76 4(ii)	FOS300
CM1657	77.122386	-45.749933	0.999981	76 4(ii)	FOS300
CM1658	77.145832	-45.752783	0.999800	76 4(ii)	FOS300
CM1659	77.169215	-45.755901	1.000020	76 4(ii)	FOS300
CM1660	77.192518	-45.759287	0.999780	76 4(ii)	FOS300
CM1661	77.215748	-45.762937	1.000113	76 4(ii)	FOS300
CM1662	77.238884	-45.766859	0.999895	76 4(ii)	FOS300
CM1663	77.261928	-45.771039	0.999856	76 4(ii)	FOS300
CM1664	77.284873	-45.775484	0.999872	76 4(ii)	FOS300
CM1668	77.358335	-45.790353	3.211160	76 4(ii)	FOS310
CM1669	77.381182	-45.795060	0.999885	76 4(ii)	FOS310
CM1676	77.529220	-45.827316	6.507590	76 4(ii)	FOS320

CM1677	77.551967	-45.832282	0.999823	76 4(ii)	FOS320
CM1678	77.574603	-45.837513	1.000119	76 4(ii)	FOS320
CM1679	77.597110	-45.843000	0.999907	76 4(ii)	FOS320
CM1680	77.619487	-45.848743	0.999838	76 4(ii)	FOS320
CM1681	77.641734	-45.854744	1.000098	76 4(ii)	FOS320
CM1682	77.663832	-45.860999	0.999819	76 4(ii)	FOS320
On 60M arc	77.684577	-45.867143	0.945000	76 4(ii)	FOS320
CM1684	77.707591	-45.874261	1.055183815	76 4(ii)	FOS320
CM1685	77.729232	-45.881265	0.999821626	76 4(ii)	FOS320
CM1686	77.750713	-45.888517	1.000023516	76 4(ii)	FOS320
CM1687	77.772021	-45.896015	0.999950821	76 4(ii)	FOS320
CM1688	77.793149	-45.903757	0.999833174	76 4(ii)	FOS320
CM1689	77.814107	-45.911737	1.000182499	76 4(ii)	FOS320
CM1690	77.834865	-45.919956	0.999722926	76 4(ii)	FOS320
CM1691	77.855436	-45.928414	1.000009440	76 4(ii)	FOS320
CM1692	77.875812	-45.937105	1.000090191	76 4(ii)	FOS320
CM1693	77.895977	-45.946026	0.999772254	76 4(ii)	FOS320
CM1694	77.915938	-45.955180	1.000068577	76 4(ii)	FOS320
CM1695	77.935683	-45.964560	0.999983402	76 4(ii)	FOS320
CM1696	77.955205	-45.974163	0.999823106	76 4(ii)	FOS320
CM1697	77.974499	-45.983992	0.999868969	76 4(ii)	FOS320
CM1698	77.993570	-45.994035	0.999925263	76 4(ii)	FOS320
CM1699	78.012401	-46.004299	0.999934886	76 4(ii)	FOS320
CM1700	78.030992	-46.014777	0.999960420	76 4(ii)	FOS320
CM1701	78.049340	-46.025468	1.000120535	76 4(ii)	FOS320
CM1702	78.067430	-46.036363	0.999723414	76 4(ii)	FOS320
CM1703	78.085270	-46.047468	1.000086134	76 4(ii)	FOS320
CM1704	78.102848	-46.058772	0.999904555	76 4(ii)	FOS320
CM1705	78.120158	-46.070281	1.000057533	76 4(ii)	FOS320
CM1706	78.137197	-46.081979	0.999728313	76 4(ii)	FOS320
CM1707	78.153957	-46.093877	0.999898416	76 4(ii)	FOS320
CM1708	78.170446	-46.105963	1.000060914	76 4(ii)	FOS320
CM1709	78.186645	-46.118235	0.999859015	76 4(ii)	FOS320
CM1710	78.202554	-46.130692	0.999889231	76 4(ii)	FOS320
CM1711	78.218171	-46.143332	1.000049629	76 4(ii)	FOS320
CM1712	78.233494	-46.156145	0.999970013	76 4(ii)	FOS320
CM1713	78.248512	-46.169131	0.999867266	76 4(ii)	FOS320
CM1714	78.263222	-46.182289	0.999916376	76 4(ii)	FOS320
CM1715	78.277624	-46.195616	1.000099369	76 4(ii)	FOS320
CM1716	78.291703	-46.209102	0.999703564	76 4(ii)	FOS320
CM1717	78.305474	-46.222750	1.000092769	76 4(ii)	FOS320
CM1718	78.318917	-46.236551	0.999833180	76 4(ii)	FOS320
CM1719	78.332033	-46.250508	1.000025045	76 4(ii)	FOS320
CM1720	78.344820	-46.264610	0.999893454	76 4(ii)	FOS320
CM1721	78.357271	-46.278860	1.000034996	76 4(ii)	FOS320
CM1722	78.369385	-46.293246	0.999814788	76 4(ii)	FOS320
CM1723	78.381159	-46.307771	0.999960562	76 4(ii)	FOS320
CM1724	78.392590	-46.322429	1.000006590	76 4(ii)	FOS320
CM1725	78.403667	-46.337215	0.999849494	76 4(ii)	FOS320
CM1726	78.414397	-46.352126	0.999943549	76 4(ii)	FOS320
CM1727	78.424770	-46.367156	0.999804397	76 4(ii)	FOS320

CM1728	78.434791	-46.382306	1.000084098	76 4(ii)	FOS320
CM1729	78.444448	-46.397568	0.999995975	76 4(ii)	FOS320
CM1730	78.453739	-46.412937	0.999879176	76 4(ii)	FOS320
CM1731	78.462666	-46.428410	0.999904459	76 4(ii)	FOS320
CM1732	78.471222	-46.443984	0.999931637	76 4(ii)	FOS320
CM1733	78.479408	-46.459655	1.000026894	76 4(ii)	FOS320
CM1734	78.487219	-46.475416	0.999932755	76 4(ii)	FOS320
CM1735	78.494657	-46.491261	0.999798380	76 4(ii)	FOS320
CM1736	78.501711	-46.507196	1.000145048	76 4(ii)	FOS320
CM1737	78.508383	-46.523203	0.999763884	76 4(ii)	FOS320
CM1738	78.514674	-46.539290	1.000131412	76 4(ii)	FOS320
CM1739	78.520580	-46.555440	0.999745706	76 4(ii)	FOS320
CM1740	78.526096	-46.571658	0.999877967	76 4(ii)	FOS320
CM1741	78.531223	-46.587939	1.000007407	76 4(ii)	FOS320
CM1742	78.535962	-46.604276	1.000010450	76 4(ii)	FOS320
CM1743	78.540305	-46.620662	0.999813454	76 4(ii)	FOS320
CM1744	78.544253	-46.637099	1.000022180	76 4(ii)	FOS320
CM1745	78.547806	-46.653578	0.999975802	76 4(ii)	FOS320
CM1746	78.550963	-46.670095	0.999961875	76 4(ii)	FOS320
CM1747	78.553719	-46.686643	0.999782583	76 4(ii)	FOS320
CM1748	78.556077	-46.703227	1.000194319	76 4(ii)	FOS320
CM1749	78.558031	-46.719830	0.999845430	76 4(ii)	FOS320
CM1750	78.559587	-46.736452	0.999793595	76 4(ii)	FOS320
CM1751	78.560742	-46.753096	1.000188222	76 4(ii)	FOS320
CM1752	78.561489	-46.769742	0.999650140	76 4(ii)	FOS320
CM1753	78.561842	-46.786402	1.000124342	76 4(ii)	FOS320
CM1754	78.561781	-46.803059	0.999844415	76 4(ii)	FOS320
CM1755	78.561323	-46.819716	1.000022315	76 4(ii)	FOS320
CM1756	78.560452	-46.836363	0.999890947	76 4(ii)	FOS320
CM1757	78.559185	-46.853000	1.000011916	76 4(ii)	FOS320
CM1758	78.557505	-46.869617	0.999847432	76 4(ii)	FOS320
On 60M arc	78.556241	-46.879738	0.593136	76 4(ii)	FOS320
CM1759	78.555430	-46.886214	0.390000	76 4(ii)	FOS320
CM1760	78.552940	-46.902785	0.999956	76 4(ii)	FOS320
CM1761	78.550054	-46.919326	0.999978	76 4(ii)	FOS320
CM1762	78.546762	-46.935833	1.000054	76 4(ii)	FOS320
CM1763	78.543060	-46.952295	0.999788	76 4(ii)	FOS320
CM1764	78.538964	-46.968716	0.999990	76 4(ii)	FOS320
CM1765	78.534461	-46.985088	1.000001	76 4(ii)	FOS320
CM1766	78.529561	-47.001405	0.999954	76 4(ii)	FOS320
CM1774	78.496609	-47.107084	6.486168	76 4(ii)	FOS330
CM1775	78.491295	-47.123346	1.000144	76 4(ii)	FOS330
CM1776	78.485586	-47.139541	0.999911	76 4(ii)	FOS330
CM1777	78.479478	-47.155667	0.999823	76 4(ii)	FOS330
CM1778	78.472972	-47.171725	1.000083	76 4(ii)	FOS330
CM1779	78.466070	-47.187702	0.999803	76 4(ii)	FOS330
CM1780	78.458781	-47.203602	0.999987	76 4(ii)	FOS330
CM1781	78.451095	-47.219414	0.999920	76 4(ii)	FOS330
CM1782	78.443015	-47.235136	0.999967	76 4(ii)	FOS330
CM1783	78.434551	-47.250762	0.999799	76 4(ii)	FOS330
CM1784	78.425698	-47.266294	1.000147	76 4(ii)	FOS330

CM1785	78.416461	-47.281718	0.999857	76 4(ii)	FOS330
CM1786	78.406849	-47.297035	0.999795	76 4(ii)	FOS330
CM1787	78.396846	-47.312244	1.000184	76 4(ii)	FOS330
CM1788	78.386473	-47.327334	0.999938	76 4(ii)	FOS330
CM1789	78.375725	-47.342303	0.999967	76 4(ii)	FOS330
CM1790	78.364610	-47.357145	0.999706	76 4(ii)	FOS330
CM1791	78.353118	-47.371861	1.000103	76 4(ii)	FOS330
CM1792	78.341263	-47.386440	0.999802	76 4(ii)	FOS330
CM1793	78.329048	-47.400883	0.999857	76 4(ii)	FOS330
CM1794	78.316469	-47.415188	1.000127	76 4(ii)	FOS330
CM1795	78.303534	-47.429345	0.999994	76 4(ii)	FOS330
CM1796	78.290250	-47.443348	0.999722	76 4(ii)	FOS330
CM1797	78.276616	-47.457203	1.000013	76 4(ii)	FOS330
CM1798	78.262636	-47.470899	0.999955	76 4(ii)	FOS330
CM1799	78.248314	-47.484431	0.999856	76 4(ii)	FOS330
CM1800	78.233647	-47.497802	1.000227	76 4(ii)	FOS330
CM1801	78.218654	-47.510997	0.999735	76 4(ii)	FOS330
CM1802	78.203333	-47.524025	0.999943	76 4(ii)	FOS330
CM1812	78.061435	-47.641199	9.094066	76 4(ii)	FOS340
CM1813	78.045755	-47.654050	0.999923	76 4(ii)	FOS340
CM1814	78.029750	-47.666717	0.999864	76 4(ii)	FOS340
CM1815	78.013421	-47.679202	1.000109	76 4(ii)	FOS340
CM1816	77.996784	-47.691499	0.999945	76 4(ii)	FOS340
CM1817	77.979837	-47.703604	0.999927	76 4(ii)	FOS340
CM1818	77.962583	-47.715512	0.999941	76 4(ii)	FOS340
CM1819	77.945030	-47.727223	0.999991	76 4(ii)	FOS340
CM1820	77.927189	-47.738735	0.999872	76 4(ii)	FOS340
CM1821	77.909050	-47.750035	0.999872	76 4(ii)	FOS340
CM1822	77.890632	-47.761134	0.999993	76 4(ii)	FOS340
CM1823	77.871931	-47.772018	0.999929	76 4(ii)	FOS340
CM1824	77.852959	-47.782687	0.999874	76 4(ii)	FOS340
CM1825	77.833715	-47.793140	1.000049	76 4(ii)	FOS340
CM1826	77.814210	-47.803368	0.999764	76 4(ii)	FOS340
CM1827	77.794440	-47.813377	1.000192	76 4(ii)	FOS340
CM1828	77.774424	-47.823156	0.999893	76 4(ii)	FOS340
CM1829	77.754167	-47.832708	0.999767	76 4(ii)	FOS340
CM1830	77.733663	-47.842025	0.999895	76 4(ii)	FOS340
CM1831	77.712923	-47.851112	1.000089	76 4(ii)	FOS340
CM1832	77.691954	-47.859956	0.999902	76 4(ii)	FOS340
CM1833	77.670763	-47.868563	0.999971	76 4(ii)	FOS340
CM1834	77.649358	-47.876924	0.999783	76 4(ii)	FOS340
CM1835	77.627733	-47.885042	1.000125	76 4(ii)	FOS340
CM1836	77.605913	-47.892912	0.999798	76 4(ii)	FOS340
CM1837	77.583889	-47.900531	0.999997	76 4(ii)	FOS340
CM1859	77.107454	-48.058394	21.416556	76 4(ii)	FOS350
On 60M arc	76.064557	-48.421265	47.161279	76 4(ii)	FOS390
On 60M arc	76.001149	-49.410419	59.449243	76 4(ii)	FOS400
On treaty line	76.376982	-49.528448	16.327678		not relevant

ECS Point ID	Longitude (decimal deg)	Latitude (decimal deg)	Distance between points (M)	Article 76 criterion	Contributing FOS point
FP1	63.4626645	-51.4983726	0.000	76 1	FOS10
FP2	61.9548648	-51.1785285	59.898	76 4(ii)	FOS20
FP3	60.7779190	-51.8530314	59.898	76 4(ii)	FOS40
FP4	60.7776451	-51.8532317	0.016	76 4(ii)	FOS40
FP5	60.7598966	-51.8657327	1.000	76 4(ii)	FOS40
FP6	60.7418000	-51.8780467	1.000	76 4(ii)	FOS40
FP7	60.7233644	-51.8901670	1.000	76 4(ii)	FOS40
FP8	60.7046030	-51.9020923	1.000	76 4(ii)	FOS40
FP9	60.6855071	-51.9138186	1.000	76 4(ii)	FOS40
FP10	60.6660878	-51.9253446	1.000	76 4(ii)	FOS40
FP11	60.6463563	-51.9366678	1.000	76 4(ii)	FOS40
FP12	60.6263081	-51.9477785	1.000	76 4(ii)	FOS40
FP13	60.6059523	-51.9586811	1.000	76 4(ii)	FOS40
FP14	60.5853000	-51.9693675	1.000	76 4(ii)	FOS40
FP15	60.5643423	-51.9798363	1.000	76 4(ii)	FOS40
FP16	60.5431039	-51.9900864	1.000	76 4(ii)	FOS40
FP17	60.5215848	-52.0001082	1.000	76 4(ii)	FOS40
FP18	60.4997827	-52.0099073	1.000	76 4(ii)	FOS40
FP19	60.4777088	-52.0194716	1.000	76 4(ii)	FOS40
FP20	60.4553745	-52.0288094	1.000	76 4(ii)	FOS40
FP21	60.4327818	-52.0379083	1.000	76 4(ii)	FOS40
FP22	60.4099354	-52.0467700	1.000	76 4(ii)	FOS40
FP23	60.3868420	-52.0553933	1.000	76 4(ii)	FOS40
FP24	60.3635150	-52.0637712	1.000	76 4(ii)	FOS40
FP25	60.3399522	-52.0719039	1.000	76 4(ii)	FOS40
FP26	60.3161670	-52.0797875	1.000	76 4(ii)	FOS40
FP27	60.2921596	-52.0874235	1.000	76 4(ii)	FOS40
FP28	60.2679477	-52.0948064	1.000	76 4(ii)	FOS40
FP29	60.2435248	-52.1019322	1.000	76 4(ii)	FOS40
FP30	60.2189064	-52.1088065	1.000	76 4(ii)	FOS40
FP31	60.1941017	-52.1154172	1.000	76 4(ii)	FOS40
FP32	60.1691106	-52.1217683	1.000	76 4(ii)	FOS40
FP33	60.1439420	-52.1278559	1.000	76 4(ii)	FOS40
FP34	60.1186118	-52.1336815	1.000	76 4(ii)	FOS40
FP35	60.0931153	-52.1392423	1.000	76 4(ii)	FOS40
FP36	60.0674707	-52.1445303	1.000	76 4(ii)	FOS40
FP37	60.0416778	-52.1495552	1.000	76 4(ii)	FOS40
FP38	60.0157479	-52.1543046	1.000	76 4(ii)	FOS40
FP39	59.9896833	-52.1587814	1.000	76 4(ii)	FOS40
FP40	59.9635019	-52.1629870	1.000	76 4(ii)	FOS40
FP41	59.9372015	-52.1669188	1.000	76 4(ii)	FOS40
FP42	59.9107978	-52.1705741	1.000	76 4(ii)	FOS40
FP43	59.8842930	-52.1739502	1.000	76 4(ii)	FOS40
FP44	59.8576916	-52.1770499	1.000	76 4(ii)	FOS40
FP45	59.8310139	-52.1798677	1.000	76 4(ii)	FOS40
FP46	59.8042576	-52.1824093	1.000	76 4(ii)	FOS40
FP47	59.7774316	-52.1846691	1.000	76 4(ii)	FOS40
FP48	59.7505451	-52.1866472	1.000	76 4(ii)	FOS40
FP49	59.7236091	-52.1883436	1.000	76 4(ii)	FOS40
FP50	59.6966304	-52.1897612	1.000	76 4(ii)	FOS40
FP51	59.6696136	-52.1908916	1.000	76 4(ii)	FOS40
FP52	59.6425653	-52.1917432	1.000	76 4(ii)	FOS40
FP53	59.6155013	-52.1923077	1.000	76 4(ii)	FOS40
FP54	59.5884216	-52.1925893	1.000	76 4(ii)	FOS40

FP55	59.5670911	-52.1925893	0.788	76 4(ii)	FOS40
FP56	59.5620673	-52.1836241	0.570	76 5	FOS40
FP57	59.5533446	-52.1678993	0.998	76 5	FOS40
FP58	59.5446939	-52.1521579	0.998	76 5	FOS40
FP59	59.5361262	-52.1363998	0.998	76 5	FOS40
FP60	59.5276371	-52.1206278	0.998	76 5	FOS40
FP61	59.5192221	-52.1048391	0.998	76 5	FOS40
FP62	59.5108880	-52.0890366	0.998	76 5	FOS40
FP63	59.5026347	-52.0732173	0.998	76 5	FOS40
FP64	59.4944601	-52.0573854	0.998	76 5	FOS40
FP65	59.4863685	-52.0415355	0.998	76 5	FOS50
FP66	59.4783488	-52.0256730	0.998	76 5	FOS50
FP67	59.4704099	-52.0097937	0.998	76 5	FOS50
FP68	59.4625519	-51.9939046	0.998	76 5	FOS50
FP69	59.4547680	-51.9779974	0.998	76 5	FOS50
FP70	59.4470694	-51.9620775	0.998	76 5	FOS50
FP71	59.4394450	-51.9461409	0.998	76 5	FOS50
FP72	59.4318969	-51.9301944	0.998	76 5	FOS50
FP73	59.4244341	-51.9142311	0.998	76 5	FOS50
FP74	59.4170455	-51.8982551	0.998	76 5	FOS50
FP75	59.4097355	-51.8822679	0.998	76 5	FOS50
FP76	59.4025085	-51.8662652	0.998	76 5	FOS50
FP77	59.3953534	-51.8502484	0.998	76 5	FOS50
FP78	59.3882792	-51.8342218	0.998	76 5	FOS50
FP79	59.3812858	-51.8181768	0.998	76 5	FOS50
FP80	59.3743733	-51.8021248	0.998	76 5	FOS50
FP81	59.3675349	-51.7860572	0.998	76 5	FOS50
FP82	59.3607750	-51.7699811	0.998	76 5	FOS50
FP83	59.3540961	-51.7538881	0.998	76 5	FOS50
FP84	59.3474934	-51.7377838	0.998	76 5	FOS50
FP85	59.3409694	-51.7216681	0.998	76 5	FOS50
FP86	59.3345240	-51.7055410	0.998	76 5	FOS50
FP87	59.3281550	-51.6894026	0.998	76 5	FOS50
FP88	59.3218668	-51.6732528	0.998	76 5	FOS50
FP89	59.3156571	-51.6570902	0.998	76 5	FOS50
FP90	59.3095284	-51.6409177	0.998	76 5	FOS50
FP91	59.3034737	-51.6247309	0.998	76 5	FOS50
FP92	59.2974932	-51.6085398	0.998	76 5	FOS50
FP93	59.2916003	-51.5923303	0.998	76 5	FOS50
FP94	59.2857814	-51.5761163	0.998	76 5	FOS50
FP95	59.2800412	-51.5598867	0.998	76 5	FOS50
FP96	59.2743751	-51.5436499	0.998	76 5	FOS50
FP97	59.2687898	-51.5274017	0.998	76 5	FOS50
FP98	59.2632854	-51.5111434	0.998	76 5	FOS50
FP99	59.2578551	-51.4948737	0.998	76 5	FOS50
FP100	59.2525056	-51.4785968	0.998	76 5	FOS50
FP101	59.2472302	-51.4623098	0.998	76 5	FOS50
FP102	59.2420335	-51.4460099	0.998	76 5	FOS50
FP103	59.2369176	-51.4297042	0.998	76 5	FOS50
FP104	59.2318780	-51.4133884	0.998	76 5	FOS50
FP105	58.5430993	-50.5343470	58.910	76 5	FOS60
FP106	58.5318277	-50.5193312	1.000	76 5	FOS60
FP107	58.5318074	-50.5193040	0.002	76 5	FOS60
FP108	58.5309765	-50.5181843	0.074	76 5	FOS60
FP109	58.5199474	-50.5030961	1.000	76 5	FOS60
FP110	58.5091632	-50.4879371	1.000	76 5	FOS60

FP111	58.4986237	-50.4727086	1.000	76 5	FOS60
FP112	58.4883312	-50.4574137	1.000	76 5	FOS60
FP113	58.4782836	-50.4420535	1.000	76 5	FOS60
FP114	58.4684830	-50.4266280	1.000	76 5	FOS60
FP115	58.4589316	-50.4111401	1.000	76 5	FOS60
FP116	58.4496296	-50.3955911	1.000	76 5	FOS60
FP117	58.4466157	-50.3903940	0.333	76 4(ii)	FOS60
FP118	58.4814726	-50.3186649	4.512	76 4(ii)	FOS70
FP119	58.4895529	-50.3028438	1.000	76 4(ii)	FOS70
FP120	58.4980353	-50.2871051	1.000	76 4(ii)	FOS70
FP121	58.5069264	-50.2714634	1.000	76 4(ii)	FOS70
FP122	58.5162104	-50.2559159	1.000	76 4(ii)	FOS70
FP123	58.5258920	-50.2404655	1.000	76 4(ii)	FOS70
FP124	58.5359734	-50.2251254	1.000	76 4(ii)	FOS70
FP125	58.5464410	-50.2098927	1.000	76 4(ii)	FOS70
FP126	59.0957204	-49.2922883	59.107	76 4(ii)	FOS100
FP127	59.1051976	-49.2768345	1.000	76 4(ii)	FOS100
FP128	59.1150566	-49.2614846	1.000	76 4(ii)	FOS100
FP129	59.1253064	-49.2462416	1.000	76 4(ii)	FOS100
FP130	59.1359335	-49.2311174	1.000	76 4(ii)	FOS100
FP131	59.1469423	-49.2161048	1.000	76 4(ii)	FOS100
FP132	59.1583150	-49.2012171	1.000	76 4(ii)	FOS100
FP133	59.4340461	-48.2403212	58.728	76 4(ii)	FOS110
FP134	59.4385557	-48.2239440	1.000	76 4(ii)	FOS110
FP135	59.4434672	-48.2076142	1.000	76 4(ii)	FOS110
FP136	59.6306245	-47.6085759	36.749	76 4(ii)	FOS120
FP137	59.6358684	-47.5923001	1.000	76 4(ii)	FOS120
FP138	59.6415098	-47.5760907	1.000	76 4(ii)	FOS120
FP139	59.6475465	-47.5599431	1.000	76 4(ii)	FOS120
FP140	59.6539762	-47.5438651	1.000	76 4(ii)	FOS120
FP141	59.6607966	-47.5278627	1.000	76 4(ii)	FOS120
FP142	59.6680078	-47.5119390	1.000	76 4(ii)	FOS120
FP143	59.6756053	-47.4960927	1.000	76 4(ii)	FOS120
FP144	59.6835824	-47.4803390	1.000	76 4(ii)	FOS120
FP145	59.6919479	-47.4646780	1.000	76 4(ii)	FOS120
FP146	59.7006818	-47.4491113	1.000	76 4(ii)	FOS120
FP147	59.7098020	-47.4336452	1.000	76 4(ii)	FOS120
FP148	59.7192837	-47.4182842	1.000	76 4(ii)	FOS120
FP149	59.7291449	-47.4030300	1.000	76 4(ii)	FOS120
FP150	59.7393700	-47.3878904	1.000	76 4(ii)	FOS120
FP151	59.7499656	-47.3728684	1.000	76 4(ii)	FOS120
FP152	59.7609116	-47.3579626	1.000	76 4(ii)	FOS120
FP153	59.7722236	-47.3431839	1.000	76 4(ii)	FOS120
FP154	59.7838815	-47.3285354	1.000	76 4(ii)	FOS120
FP155	59.7958987	-47.3140203	1.000	76 4(ii)	FOS120
FP156	59.8082596	-47.2996417	1.000	76 4(ii)	FOS120
FP157	59.8209617	-47.2854013	1.000	76 4(ii)	FOS120
FP158	59.8340098	-47.2713084	1.000	76 4(ii)	FOS120
FP159	59.8473924	-47.2573615	1.000	76 4(ii)	FOS120
FP160	59.8611075	-47.2435684	1.000	76 4(ii)	FOS120
FP161	59.8751504	-47.2299309	1.000	76 4(ii)	FOS120
FP162	59.8895144	-47.2164504	1.000	76 4(ii)	FOS120
FP163	59.9042041	-47.2031349	1.000	76 4(ii)	FOS120
FP164	59.9192060	-47.1899890	1.000	76 4(ii)	FOS120
FP165	59.9345200	-47.1770067	1.000	76 4(ii)	FOS120
FP166	59.9501440	-47.1642036	1.000	76 4(ii)	FOS120

FP167	59.9660711	-47.1515750	1.000	76 4(ii)	FOS120
FP168	59.9822947	-47.1391273	1.000	76 4(ii)	FOS120
FP169	59.9988147	-47.1268636	1.000	76 4(ii)	FOS120
FP170	60.0156199	-47.1147857	1.000	76 4(ii)	FOS120
FP171	60.0327126	-47.1028998	1.000	76 4(ii)	FOS120
FP172	60.0500860	-47.0912090	1.000	76 4(ii)	FOS120
FP173	60.0677357	-47.0797105	1.000	76 4(ii)	FOS120
FP174	60.0856593	-47.0684152	1.000	76 4(ii)	FOS120
FP175	60.1038412	-47.0573215	1.000	76 4(ii)	FOS120
FP176	60.1222881	-47.0464312	1.000	76 4(ii)	FOS120
FP177	60.1409888	-47.0357552	1.000	76 4(ii)	FOS120
FP178	60.1599365	-47.0252828	1.000	76 4(ii)	FOS120
FP179	60.1791313	-47.0150295	1.000	76 4(ii)	FOS120
FP180	60.1985686	-47.0049924	1.000	76 4(ii)	FOS120
FP181	60.2182394	-46.9951747	1.000	76 4(ii)	FOS120
FP182	60.2381394	-46.9855780	1.000	76 4(ii)	FOS120
FP183	60.2582661	-46.9762085	1.000	76 4(ii)	FOS120
FP184	60.2786040	-46.9670665	1.000	76 4(ii)	FOS120
FP185	60.2991574	-46.9581505	1.000	76 4(ii)	FOS120
FP186	60.3199220	-46.9494699	1.000	76 4(ii)	FOS120
FP187	60.3408842	-46.9410201	1.000	76 4(ii)	FOS120
FP188	60.3573436	-46.9346364	0.778	76 4(ii)	FOS120
FP189	61.2254193	-46.1392868	59.764	76 4(ii)	FOS150
FP190	61.2281457	-46.1311994	0.499	76 4(ii)	FOS150
FP191	61.2340027	-46.1150429	1.000	76 4(ii)	FOS150
FP192	61.2402415	-46.0989581	1.000	76 4(ii)	FOS150
FP193	61.2468643	-46.0829468	1.000	76 4(ii)	FOS150
FP194	61.2538645	-46.0670121	1.000	76 4(ii)	FOS150
FP195	61.2612351	-46.0511634	1.000	76 4(ii)	FOS150
FP196	61.2689876	-46.0353994	1.000	76 4(ii)	FOS150
FP197	61.2771061	-46.0197309	1.000	76 4(ii)	FOS150
FP198	61.2855952	-46.0041518	1.000	76 4(ii)	FOS150
FP199	61.2944481	-45.9886780	1.000	76 4(ii)	FOS150
FP200	61.3036715	-45.9733062	1.000	76 4(ii)	FOS150
FP201	61.3132543	-45.9580461	1.000	76 4(ii)	FOS150
FP202	61.3231874	-45.9428945	1.000	76 4(ii)	FOS150
FP203	61.5858211	-45.5551919	25.752	76 4(ii)	FOS160
FP204	61.5960395	-45.5401555	1.000	76 4(ii)	FOS160
FP205	61.6066037	-45.5252398	1.000	76 4(ii)	FOS160
FP206	61.6175204	-45.5104480	1.000	76 4(ii)	FOS160
FP207	61.6287763	-45.4957850	1.000	76 4(ii)	FOS160
FP208	61.6403736	-45.4812587	1.000	76 4(ii)	FOS160
FP209	61.6523077	-45.4668630	1.000	76 4(ii)	FOS160
FP210	61.6645720	-45.4526105	1.000	76 4(ii)	FOS160
FP211	61.6771686	-45.4385031	1.000	76 4(ii)	FOS160
FP212	61.6900931	-45.4245439	1.000	76 4(ii)	FOS160
FP213	61.7033388	-45.4107395	1.000	76 4(ii)	FOS160
FP214	61.7168988	-45.3970867	1.000	76 4(ii)	FOS160
FP215	61.7307755	-45.3835920	1.000	76 4(ii)	FOS160
FP216	61.7449667	-45.3702650	1.000	76 4(ii)	FOS160
FP217	61.7594588	-45.3571027	1.000	76 4(ii)	FOS160
FP218	61.7742563	-45.3441083	1.000	76 4(ii)	FOS160
FP219	61.7893479	-45.3312900	1.000	76 4(ii)	FOS160
FP220	61.8047383	-45.3186477	1.000	76 4(ii)	FOS160
FP221	61.8204117	-45.3061881	1.000	76 4(ii)	FOS160
FP222	61.8363770	-45.2939111	1.000	76 4(ii)	FOS160

FP223	61.8526230	-45.2818186	1.000	76 4(ii)	FOS160
FP224	61.8691430	-45.2699185	1.000	76 4(ii)	FOS160
FP225	61.8859348	-45.2582126	1.000	76 4(ii)	FOS160
FP226	61.9029938	-45.2467009	1.000	76 4(ii)	FOS160
FP227	61.9203156	-45.2353932	1.000	76 4(ii)	FOS160
FP228	61.9378934	-45.2242864	1.000	76 4(ii)	FOS160
FP229	61.9557227	-45.2133838	1.000	76 4(ii)	FOS160
FP230	61.9738058	-45.2026933	1.000	76 4(ii)	FOS160
FP231	61.9921224	-45.1922105	1.000	76 4(ii)	FOS160
FP232	62.0106816	-45.1819433	1.000	76 4(ii)	FOS160
FP233	62.0294766	-45.1718935	1.000	76 4(ii)	FOS160
FP234	62.0484984	-45.1620643	1.000	76 4(ii)	FOS160
FP235	62.0677426	-45.1524559	1.000	76 4(ii)	FOS160
FP236	62.0871979	-45.1430700	1.000	76 4(ii)	FOS160
FP237	62.1068732	-45.1339193	1.000	76 4(ii)	FOS160
FP238	62.1267484	-45.1249930	1.000	76 4(ii)	FOS160
FP239	62.1468258	-45.1162974	1.000	76 4(ii)	FOS160
FP240	62.1671030	-45.1078374	1.000	76 4(ii)	FOS160
FP241	62.1875711	-45.0996163	1.000	76 4(ii)	FOS160
FP242	62.2082166	-45.0916295	1.000	76 4(ii)	FOS160
FP243	62.2290508	-45.0838881	1.000	76 4(ii)	FOS160
FP244	62.2500557	-45.0763908	1.000	76 4(ii)	FOS160
FP245	62.2712267	-45.0691359	1.000	76 4(ii)	FOS160
FP246	62.2925595	-45.0621269	1.000	76 4(ii)	FOS160
FP247	62.3140472	-45.0553700	1.000	76 4(ii)	FOS160
FP248	62.3356876	-45.0488623	1.000	76 4(ii)	FOS160
FP249	62.3574785	-45.0426086	1.000	76 4(ii)	FOS160
FP250	62.3794041	-45.0366042	1.000	76 4(ii)	FOS160
FP251	62.4014667	-45.0308604	1.000	76 4(ii)	FOS160
FP252	62.4236506	-45.0253708	1.000	76 4(ii)	FOS160
FP253	62.4459603	-45.0201403	1.000	76 4(ii)	FOS160
FP254	62.4683867	-45.0151705	1.000	76 4(ii)	FOS160
FP255	62.4909165	-45.0104648	1.000	76 4(ii)	FOS160
FP256	62.5135585	-45.0060151	1.000	76 4(ii)	FOS160
FP257	62.5362949	-45.0018345	1.000	76 4(ii)	FOS160
FP258	62.5591233	-44.9979164	1.000	76 4(ii)	FOS160
FP259	62.5820371	-44.9942641	1.000	76 4(ii)	FOS160
FP260	62.6050317	-44.9908794	1.000	76 4(ii)	FOS160
FP261	62.6281004	-44.9877638	1.000	76 4(ii)	FOS160
FP262	62.6512365	-44.9849126	1.000	76 4(ii)	FOS160
FP263	62.6744355	-44.9823353	1.000	76 4(ii)	FOS160
FP264	62.6976884	-44.9800242	1.000	76 4(ii)	FOS160
FP265	62.7209930	-44.9779855	1.000	76 4(ii)	FOS160
FP266	62.7443335	-44.9762178	1.000	76 4(ii)	FOS160
FP267	62.7677166	-44.9747194	1.000	76 4(ii)	FOS160
FP268	62.7911312	-44.9734951	1.000	76 4(ii)	FOS160
FP269	62.8145705	-44.9725434	1.000	76 4(ii)	FOS160
FP270	62.8380210	-44.9718643	1.000	76 4(ii)	FOS160
FP271	62.8614917	-44.9714562	1.000	76 4(ii)	FOS160
FP272	62.8847581	-44.9713239	0.991	76 4(ii)	FOS160
FP273	62.9082356	-44.9714610	1.000	76 4(ii)	FOS160
FP274	62.9316996	-44.9718675	1.000	76 4(ii)	FOS160
FP275	62.9551568	-44.9725530	1.000	76 4(ii)	FOS160
FP276	62.9785961	-44.9735047	1.000	76 4(ii)	FOS160
FP277	63.0020107	-44.9747321	1.000	76 4(ii)	FOS160
FP278	63.0253894	-44.9762321	1.000	76 4(ii)	FOS160

FP279	63.0487343	-44.9780031	1.000	76 4(ii)	FOS160
FP280	63.0720389	-44.9800417	1.000	76 4(ii)	FOS160
FP281	63.0952873	-44.9823529	1.000	76 4(ii)	FOS160
FP282	63.1184840	-44.9849349	1.000	76 4(ii)	FOS160
FP283	63.1416224	-44.9877893	1.000	76 4(ii)	FOS160
FP284	63.1646911	-44.9909065	1.000	76 4(ii)	FOS160
FP285	63.1876857	-44.9942944	1.000	76 4(ii)	FOS160
FP286	63.2105995	-44.9979514	1.000	76 4(ii)	FOS160
FP287	63.2334257	-45.0018695	1.000	76 4(ii)	FOS160
FP288	63.2561621	-45.0060550	1.000	76 4(ii)	FOS160
FP289	63.2787974	-45.0105030	1.000	76 4(ii)	FOS160
FP290	63.3013361	-45.0152151	1.000	76 4(ii)	FOS160
FP291	63.3237558	-45.0201880	1.000	76 4(ii)	FOS160
FP292	63.3460632	-45.0254201	1.000	76 4(ii)	FOS160
FP293	63.3682493	-45.0309082	1.000	76 4(ii)	FOS160
FP294	63.3903120	-45.0366568	1.000	76 4(ii)	FOS160
FP295	63.4122376	-45.0426612	1.000	76 4(ii)	FOS160
FP296	63.4340195	-45.0489196	1.000	76 4(ii)	FOS160
FP297	63.4556622	-45.0554273	1.000	76 4(ii)	FOS160
FP298	63.4648968	-45.0583323	0.430	76 4(ii)	FOS160
FP299	64.8272099	-44.8420262	59.482	76 4(ii)	FOS180
FP300	64.8460588	-44.8268165	1.217	76 4(ii)	FOS180
FP301	64.8618872	-44.8145362	1.000	76 4(ii)	FOS180
FP302	64.8779939	-44.8024419	1.000	76 4(ii)	FOS180
FP303	64.8943702	-44.7905385	1.000	76 4(ii)	FOS180
FP304	64.9110205	-44.7788263	1.000	76 4(ii)	FOS180
FP305	64.9279358	-44.7673132	1.000	76 4(ii)	FOS180
FP306	64.9451116	-44.7560010	1.000	76 4(ii)	FOS180
FP307	64.9625389	-44.7448899	1.000	76 4(ii)	FOS180
FP308	64.9802200	-44.7339831	1.000	76 4(ii)	FOS180
FP309	64.9981504	-44.7232905	1.000	76 4(ii)	FOS180
FP310	65.0163120	-44.7128023	1.000	76 4(ii)	FOS180
FP311	65.0347163	-44.7025317	1.000	76 4(ii)	FOS180
FP312	65.0533496	-44.6924820	1.000	76 4(ii)	FOS180
FP313	65.0722120	-44.6826484	1.000	76 4(ii)	FOS180
FP314	65.0912944	-44.6730342	1.000	76 4(ii)	FOS180
FP315	65.1105880	-44.6636493	1.000	76 4(ii)	FOS180
FP316	65.1300927	-44.6544904	1.000	76 4(ii)	FOS180
FP317	65.1498062	-44.6455642	1.000	76 4(ii)	FOS180
FP318	65.1697196	-44.6368659	1.000	76 4(ii)	FOS180
FP319	65.1898216	-44.6284052	1.000	76 4(ii)	FOS180
FP320	65.2101168	-44.6201775	1.000	76 4(ii)	FOS180
FP321	65.2305962	-44.6121940	1.000	76 4(ii)	FOS180
FP322	65.2512552	-44.6044485	1.000	76 4(ii)	FOS180
FP323	65.2720826	-44.5969458	1.000	76 4(ii)	FOS180
FP324	65.2930740	-44.5896877	1.000	76 4(ii)	FOS180
FP325	65.3142338	-44.5826775	1.000	76 4(ii)	FOS180
FP326	65.3355486	-44.5759168	1.000	76 4(ii)	FOS180
FP327	65.3570116	-44.5694074	1.000	76 4(ii)	FOS180
FP328	65.3786161	-44.5631493	1.000	76 4(ii)	FOS180
FP329	65.4003553	-44.5571474	1.000	76 4(ii)	FOS180
FP330	65.4222383	-44.5514003	1.000	76 4(ii)	FOS180
FP331	65.4442380	-44.5459079	1.000	76 4(ii)	FOS180
FP332	65.4663613	-44.5406769	1.000	76 4(ii)	FOS180
FP333	65.4886036	-44.5357056	1.000	76 4(ii)	FOS180
FP334	65.5109536	-44.5309957	1.000	76 4(ii)	FOS180

FP335	65.5334048	-44.5265457	1.000	76 4(ii)	FOS180
FP336	65.5559547	-44.5223604	1.000	76 4(ii)	FOS180
FP337	65.5785923	-44.5184432	1.000	76 4(ii)	FOS180
FP338	65.6013197	-44.5147876	1.000	76 4(ii)	FOS180
FP339	65.6241234	-44.5114018	1.000	76 4(ii)	FOS180
FP340	65.6470012	-44.5082858	1.000	76 4(ii)	FOS180
FP341	65.6699465	-44.5054332	1.000	76 4(ii)	FOS180
FP342	65.6846137	-44.5037890	0.637	76 4(ii)	FOS180
FP343	66.5882066	-43.7578646	59.392	76 4(ii)	FOS210
FP344	66.5882874	-43.7532627	0.276	76 4(ii)	FOS210
FP345	66.5889612	-43.7366054	1.000	76 4(ii)	FOS210
FP346	66.5900167	-43.7199532	1.000	76 4(ii)	FOS210
FP347	66.5914495	-43.7033175	1.000	76 4(ii)	FOS210
FP348	66.5932731	-43.6867017	1.000	76 4(ii)	FOS210
FP349	66.5954672	-43.6701105	1.000	76 4(ii)	FOS210
FP350	66.5980476	-43.6535473	1.000	76 4(ii)	FOS210
FP351	66.6010008	-43.6370203	1.000	76 4(ii)	FOS210
FP352	66.6043313	-43.6205279	1.000	76 4(ii)	FOS210
FP353	66.6080436	-43.6040815	1.000	76 4(ii)	FOS210
FP354	66.6121220	-43.5876779	1.000	76 4(ii)	FOS210
FP355	66.6165821	-43.5713302	1.000	76 4(ii)	FOS210
FP356	66.6214083	-43.5550353	1.000	76 4(ii)	FOS210
FP357	66.6266028	-43.5387996	1.000	76 4(ii)	FOS210
FP358	66.6321701	-43.5226314	1.000	76 4(ii)	FOS210
FP359	66.6381080	-43.5065307	1.000	76 4(ii)	FOS210
FP360	66.6444029	-43.4905075	1.000	76 4(ii)	FOS210
FP361	66.6510617	-43.4745602	1.000	76 4(ii)	FOS210
FP362	66.6580798	-43.4586937	1.000	76 4(ii)	FOS210
FP363	66.6654572	-43.4429179	1.000	76 4(ii)	FOS210
FP364	66.6731917	-43.4272328	1.000	76 4(ii)	FOS210
FP365	66.6812788	-43.4116371	1.000	76 4(ii)	FOS210
FP366	66.6897185	-43.3961469	1.000	76 4(ii)	FOS210
FP367	66.6985040	-43.3807593	1.000	76 4(ii)	FOS210
FP368	66.7076331	-43.3654825	1.000	76 4(ii)	FOS210
FP369	66.7171103	-43.3503132	1.000	76 4(ii)	FOS210
FP370	66.7269289	-43.3352614	1.000	76 4(ii)	FOS210
FP371	66.7370776	-43.3203337	1.000	76 4(ii)	FOS210
FP372	66.7583857	-43.2908479	2.000	76 4(ii)	FOS210
FP373	66.7695315	-43.2763063	1.000	76 4(ii)	FOS210
FP374	66.7810053	-43.2618991	1.000	76 4(ii)	FOS210
FP375	66.7927979	-43.2476313	1.000	76 4(ii)	FOS210
FP376	66.8049072	-43.2335063	1.000	76 4(ii)	FOS210
FP377	66.8173376	-43.2195340	1.000	76 4(ii)	FOS210
FP378	66.8300690	-43.2057113	1.000	76 4(ii)	FOS210
FP379	66.8431125	-43.1920431	1.000	76 4(ii)	FOS210
FP380	66.8564615	-43.1785346	1.000	76 4(ii)	FOS210
FP381	66.8701092	-43.1651908	1.000	76 4(ii)	FOS210
FP382	66.8840533	-43.1520117	1.000	76 4(ii)	FOS210
FP383	66.8982871	-43.1390008	1.000	76 4(ii)	FOS210
FP384	66.9128128	-43.1261698	1.000	76 4(ii)	FOS210
FP385	66.9276215	-43.1135104	1.000	76 4(ii)	FOS210
FP386	66.9427065	-43.1010360	1.000	76 4(ii)	FOS210
FP387	66.9580654	-43.0887433	1.000	76 4(ii)	FOS210
FP388	66.9737029	-43.0766342	1.000	76 4(ii)	FOS210
FP389	66.9896053	-43.0647171	1.000	76 4(ii)	FOS210
FP390	67.0057660	-43.0529985	1.000	76 4(ii)	FOS210

FP391	67.0221872	-43.0414703	1.000	76 4(ii)	FOS210
FP392	67.0388622	-43.0301460	1.000	76 4(ii)	FOS210
FP393	67.0557842	-43.0190272	1.000	76 4(ii)	FOS210
FP394	67.0729510	-43.0081090	1.000	76 4(ii)	FOS210
FP395	67.0903558	-42.9974000	1.000	76 4(ii)	FOS210
FP396	67.1079988	-42.9869050	1.000	76 4(ii)	FOS210
FP397	67.1258730	-42.9766226	1.000	76 4(ii)	FOS210
FP398	67.1439673	-42.9665594	1.000	76 4(ii)	FOS210
FP399	67.1622862	-42.9567140	1.000	76 4(ii)	FOS210
FP400	67.1808140	-42.9470931	1.000	76 4(ii)	FOS210
FP401	67.1995573	-42.9376966	1.000	76 4(ii)	FOS210
FP402	67.2185005	-42.9285265	1.000	76 4(ii)	FOS210
FP403	67.2376459	-42.9195878	1.000	76 4(ii)	FOS210
FP404	67.2569888	-42.9108771	1.000	76 4(ii)	FOS210
FP405	67.2765182	-42.9024080	1.000	76 4(ii)	FOS210
FP406	67.2962317	-42.8941738	1.000	76 4(ii)	FOS210
FP407	67.3161249	-42.8861780	1.000	76 4(ii)	FOS210
FP408	67.3361911	-42.8784222	1.000	76 4(ii)	FOS210
FP409	67.3564234	-42.8709116	1.000	76 4(ii)	FOS210
FP410	67.3768241	-42.8636446	1.000	76 4(ii)	FOS210
FP411	67.3973776	-42.8566279	1.000	76 4(ii)	FOS210
FP412	67.4180792	-42.8498582	1.000	76 4(ii)	FOS210
FP413	67.4389314	-42.8433407	1.000	76 4(ii)	FOS210
FP414	67.4599228	-42.8370753	1.000	76 4(ii)	FOS210
FP415	67.4810534	-42.8310638	1.000	76 4(ii)	FOS210
FP416	67.5023053	-42.8253063	1.000	76 4(ii)	FOS210
FP417	67.5236874	-42.8198095	1.000	76 4(ii)	FOS210
FP418	67.5451796	-42.8145735	1.000	76 4(ii)	FOS210
FP419	67.5667908	-42.8095933	1.000	76 4(ii)	FOS210
FP420	67.5885076	-42.8048756	1.000	76 4(ii)	FOS210
FP421	67.6103209	-42.8004222	1.000	76 4(ii)	FOS210
FP422	67.6322353	-42.7962314	1.000	76 4(ii)	FOS210
FP423	67.6542351	-42.7923099	1.000	76 4(ii)	FOS210
FP424	67.6763134	-42.7886512	1.000	76 4(ii)	FOS210
FP425	67.6984749	-42.7852618	1.000	76 4(ii)	FOS210
FP426	67.7207037	-42.7821403	1.000	76 4(ii)	FOS210
FP427	67.7430066	-42.7792867	1.000	76 4(ii)	FOS210
FP428	67.7653589	-42.7767009	1.000	76 4(ii)	FOS210
FP429	67.7877719	-42.7743896	1.000	76 4(ii)	FOS210
FP430	67.8102298	-42.7723463	1.000	76 4(ii)	FOS210
FP431	67.8327303	-42.7705760	1.000	76 4(ii)	FOS210
FP432	67.8552601	-42.7690736	1.000	76 4(ii)	FOS210
FP433	67.8778280	-42.7678492	1.000	76 4(ii)	FOS210
FP434	67.9004161	-42.7668928	1.000	76 4(ii)	FOS210
FP435	67.9230200	-42.7662144	1.000	76 4(ii)	FOS210
FP436	67.9456373	-42.7658056	1.000	76 4(ii)	FOS210
FP437	67.9680638	-42.7656733	0.991	76 4(ii)	FOS210
FP438	67.9906878	-42.7658106	1.000	76 4(ii)	FOS210
FP439	68.0133052	-42.7662193	1.000	76 4(ii)	FOS210
FP440	68.0359113	-42.7669027	1.000	76 4(ii)	FOS210
FP441	68.0585039	-42.7678574	1.000	76 4(ii)	FOS210
FP442	68.0810673	-42.7690868	1.000	76 4(ii)	FOS210
FP443	68.1036038	-42.7705892	1.000	76 4(ii)	FOS210
FP444	68.1261044	-42.7723645	1.000	76 4(ii)	FOS210
FP445	68.1485623	-42.7744078	1.000	76 4(ii)	FOS210
FP446	68.1709685	-42.7767240	1.000	76 4(ii)	FOS210

FP447	68.1933276	-42.7793098	1.000	76 4(ii)	FOS210
FP448	68.2156238	-42.7821668	1.000	76 4(ii)	FOS210
FP449	68.2378526	-42.7852883	1.000	76 4(ii)	FOS210
FP450	68.2600118	-42.7886842	1.000	76 4(ii)	FOS210
FP451	68.2820923	-42.7923413	1.000	76 4(ii)	FOS210
FP452	68.3040921	-42.7962678	1.000	76 4(ii)	FOS210
FP453	68.3259997	-42.8004635	1.000	76 4(ii)	FOS210
FP454	68.3478153	-42.8049169	1.000	76 4(ii)	FOS210
FP455	68.3695299	-42.8096379	1.000	76 4(ii)	FOS210
FP456	68.3911411	-42.8146198	1.000	76 4(ii)	FOS210
FP457	68.4126333	-42.8198591	1.000	76 4(ii)	FOS210
FP458	68.4340087	-42.8253576	1.000	76 4(ii)	FOS210
FP459	68.4552673	-42.8311134	1.000	76 4(ii)	FOS210
FP460	68.4763912	-42.8371298	1.000	76 4(ii)	FOS210
FP461	68.4973848	-42.8433952	1.000	76 4(ii)	FOS210
FP462	68.5182347	-42.8499177	1.000	76 4(ii)	FOS210
FP463	68.5389364	-42.8566857	1.000	76 4(ii)	FOS210
FP464	68.5594921	-42.8637090	1.000	76 4(ii)	FOS210
FP465	68.5798839	-42.8709744	1.000	76 4(ii)	FOS210
FP466	68.6001184	-42.8784899	1.000	76 4(ii)	FOS210
FP467	68.7133241	-42.8982110	5.132	76 4(ii)	FOS212
FP468	68.7353598	-42.9021356	1.000	76 4(ii)	FOS212
FP469	68.7573056	-42.9063274	1.000	76 4(ii)	FOS212
FP470	68.7791571	-42.9107830	1.000	76 4(ii)	FOS212
FP471	68.8009098	-42.9155058	1.000	76 4(ii)	FOS212
FP472	68.8225570	-42.9204824	1.000	76 4(ii)	FOS212
FP473	68.8440874	-42.9257259	1.000	76 4(ii)	FOS212
FP474	68.8655055	-42.9312231	1.000	76 4(ii)	FOS212
FP475	68.8867955	-42.9369805	1.000	76 4(ii)	FOS212
FP476	68.9079553	-42.9429948	1.000	76 4(ii)	FOS212
FP477	68.9289849	-42.9492625	1.000	76 4(ii)	FOS212
FP478	68.9498662	-42.9557787	1.000	76 4(ii)	FOS212
FP479	68.9706061	-42.9625482	1.000	76 4(ii)	FOS212
FP480	68.9911977	-42.9695726	1.000	76 4(ii)	FOS212
FP481	69.0116277	-42.9768402	1.000	76 4(ii)	FOS212
FP482	69.0318914	-42.9843510	1.000	76 4(ii)	FOS212
FP483	69.0519957	-42.9921065	1.000	76 4(ii)	FOS212
FP484	69.0719203	-43.0001067	1.000	76 4(ii)	FOS212
FP485	69.0916653	-43.0083414	1.000	76 4(ii)	FOS212
FP486	69.1112239	-43.0168140	1.000	76 4(ii)	FOS212
FP487	69.1305983	-43.0255227	1.000	76 4(ii)	FOS212
FP488	69.1497751	-43.0344641	1.000	76 4(ii)	FOS212
FP489	69.1687542	-43.0436315	1.000	76 4(ii)	FOS212
FP490	69.1875290	-43.0530347	1.000	76 4(ii)	FOS212
FP491	69.2060882	-43.0626571	1.000	76 4(ii)	FOS212
FP492	69.2244363	-43.0725035	1.000	76 4(ii)	FOS212
FP493	69.2425621	-43.0825673	1.000	76 4(ii)	FOS212
FP494	69.2604610	-43.0928499	1.000	76 4(ii)	FOS212
FP495	69.2781286	-43.1033481	1.000	76 4(ii)	FOS212
FP496	69.2955694	-43.1140583	1.000	76 4(ii)	FOS212
FP497	69.3127632	-43.1249739	1.000	76 4(ii)	FOS212
FP498	69.3297144	-43.1360964	1.000	76 4(ii)	FOS212
FP499	69.3464140	-43.1474240	1.000	76 4(ii)	FOS212
FP500	69.3628600	-43.1589502	1.000	76 4(ii)	FOS212

FP501	69.3790521	-43.1706714	1.000	76 4(ii)	FOS212
FP502	69.3949792	-43.1825908	1.000	76 4(ii)	FOS212
FP503	69.4106346	-43.1946968	1.000	76 4(ii)	FOS212
FP504	69.4260250	-43.2069894	1.000	76 4(ii)	FOS212
FP505	69.4411369	-43.2194700	1.000	76 4(ii)	FOS212
FP506	69.4559681	-43.2321253	1.000	76 4(ii)	FOS212
FP507	69.4705118	-43.2449619	1.000	76 4(ii)	FOS212
FP508	69.4847703	-43.2579714	1.000	76 4(ii)	FOS212
FP509	69.4987391	-43.2711504	1.000	76 4(ii)	FOS212
FP510	69.5124047	-43.2844938	1.000	76 4(ii)	FOS212
FP511	69.5257739	-43.2980050	1.000	76 4(ii)	FOS212
FP512	69.5388399	-43.3116721	1.000	76 4(ii)	FOS212
FP513	69.5515982	-43.3254969	1.000	76 4(ii)	FOS212
FP514	69.5640399	-43.3394726	1.000	76 4(ii)	FOS212
FP515	69.5761739	-43.3535941	1.000	76 4(ii)	FOS212
FP516	69.5879800	-43.3678615	1.000	76 4(ii)	FOS212
FP517	69.5994717	-43.3822696	1.000	76 4(ii)	FOS212
FP518	69.6106355	-43.3968184	1.000	76 4(ii)	FOS212
FP519	69.6214714	-43.4114930	1.000	76 4(ii)	FOS212
FP520	69.6319750	-43.4262999	1.000	76 4(ii)	FOS212
FP521	69.6421439	-43.4412291	1.000	76 4(ii)	FOS212
FP522	69.6519782	-43.4562806	1.000	76 4(ii)	FOS212
FP523	69.6614689	-43.4714461	1.000	76 4(ii)	FOS212
FP524	69.6706115	-43.4867288	1.000	76 4(ii)	FOS212
FP525	69.6794150	-43.5021154	1.000	76 4(ii)	FOS212
FP526	69.6878659	-43.5176060	1.000	76 4(ii)	FOS212
FP527	69.6959665	-43.5332004	1.000	76 4(ii)	FOS212
FP528	69.7037077	-43.5488839	1.000	76 4(ii)	FOS212
FP529	69.7110964	-43.5646645	1.000	76 4(ii)	FOS212
FP530	69.7181257	-43.5805291	1.000	76 4(ii)	FOS212
FP531	69.7247979	-43.5964760	1.000	76 4(ii)	FOS212
FP532	69.7310996	-43.6125019	1.000	76 4(ii)	FOS212
FP533	69.7370442	-43.6286017	1.000	76 4(ii)	FOS212
FP534	69.7426160	-43.6447723	1.000	76 4(ii)	FOS212
FP535	69.7478240	-43.6610069	1.000	76 4(ii)	FOS212
FP536	69.7526547	-43.6772991	1.000	76 4(ii)	FOS212
FP537	69.7571171	-43.6936504	1.000	76 4(ii)	FOS212
FP538	69.7612066	-43.7100493	1.000	76 4(ii)	FOS212
FP539	69.7649189	-43.7264990	1.000	76 4(ii)	FOS212
FP540	69.7682539	-43.7429882	1.000	76 4(ii)	FOS212
FP541	69.7712139	-43.7595184	1.000	76 4(ii)	FOS212
FP542	69.7737965	-43.7760830	1.000	76 4(ii)	FOS212
FP543	69.7759952	-43.7926707	1.000	76 4(ii)	FOS212
FP544	69.7778120	-43.8092895	1.000	76 4(ii)	FOS212
FP545	69.7792515	-43.8259215	1.000	76 4(ii)	FOS212
FP546	69.7803026	-43.8425717	1.000	76 4(ii)	FOS212
FP547	69.7809763	-43.8592350	1.000	76 4(ii)	FOS212
FP548	69.7812660	-43.8758969	1.000	76 4(ii)	FOS212
FP549	69.7811672	-43.8925638	1.000	76 4(ii)	FOS212
FP550	69.7806911	-43.9092310	1.000	76 4(ii)	FOS212
FP551	69.7798265	-43.9258836	1.000	76 4(ii)	FOS212
FP552	69.7785778	-43.9425268	1.000	76 4(ii)	FOS212
FP553	69.7769406	-43.9591538	1.000	76 4(ii)	FOS212

FP554	69.7749262	-43.9757568	1.000	76 4(ii)	FOS212
FP555	69.7725232	-43.9923323	1.000	76 4(ii)	FOS212
FP556	69.7697384	-44.0088773	1.000	76 4(ii)	FOS212
FP557	69.7665673	-44.0253868	1.000	76 4(ii)	FOS212
FP558	69.7630212	-44.0418561	1.000	76 4(ii)	FOS212
FP559	69.7590866	-44.0582803	1.000	76 4(ii)	FOS212
FP560	69.7547747	-44.0746497	1.000	76 4(ii)	FOS212
FP561	69.7500788	-44.0909708	1.000	76 4(ii)	FOS212
FP562	69.7450078	-44.1072308	1.000	76 4(ii)	FOS212
FP563	69.7395527	-44.1234264	1.000	76 4(ii)	FOS212
FP564	69.7337272	-44.1395577	1.000	76 4(ii)	FOS212
FP565	69.7275176	-44.1556150	1.000	76 4(ii)	FOS212
FP566	69.7209374	-44.1715936	1.000	76 4(ii)	FOS212
FP567	69.7139867	-44.1874886	1.000	76 4(ii)	FOS212
FP568	69.7066654	-44.2033034	1.000	76 4(ii)	FOS212
FP569	69.6989758	-44.2190251	1.000	76 4(ii)	FOS212
FP570	69.6909135	-44.2346489	1.000	76 4(ii)	FOS212
FP571	69.6824918	-44.2501749	1.000	76 4(ii)	FOS212
FP572	69.6736995	-44.2656000	1.000	76 4(ii)	FOS212
FP573	69.6645502	-44.2809129	1.000	76 4(ii)	FOS212
FP574	69.6550437	-44.2961169	1.000	76 4(ii)	FOS212
FP575	69.6451757	-44.3112009	1.000	76 4(ii)	FOS212
FP576	69.6349641	-44.3261665	1.000	76 4(ii)	FOS212
FP577	69.6243932	-44.3410074	1.000	76 4(ii)	FOS212
FP578	69.6134764	-44.3557172	1.000	76 4(ii)	FOS212
FP579	69.6022093	-44.3702896	1.000	76 4(ii)	FOS212
FP580	69.5906053	-44.3847295	1.000	76 4(ii)	FOS212
FP581	70.6139751	-45.0490295	59.209	76 4(ii)	FOS240
FP582	70.6218151	-45.0451051	0.408	76 4(ii)	FOS240
FP583	70.6412390	-45.0357237	1.000	76 4(ii)	FOS240
FP584	70.6608716	-45.0265668	1.000	76 4(ii)	FOS240
FP585	70.6807154	-45.0176427	1.000	76 4(ii)	FOS240
FP586	70.7007568	-45.0089481	1.000	76 4(ii)	FOS240
FP587	70.7209891	-45.0004849	1.000	76 4(ii)	FOS240
FP588	70.7414213	-44.9922658	1.000	76 4(ii)	FOS240
FP589	70.7620309	-44.9842782	1.000	76 4(ii)	FOS240
FP590	70.7828202	-44.9765382	1.000	76 4(ii)	FOS240
FP591	70.8037824	-44.9690346	1.000	76 4(ii)	FOS240
FP592	70.8249152	-44.9617804	1.000	76 4(ii)	FOS240
FP593	70.8462120	-44.9547757	1.000	76 4(ii)	FOS240
FP594	70.8676616	-44.9480156	1.000	76 4(ii)	FOS240
FP595	70.8892593	-44.9415036	1.000	76 4(ii)	FOS240
FP596	70.9110075	-44.9352509	1.000	76 4(ii)	FOS240
FP597	70.9328882	-44.9292479	1.000	76 4(ii)	FOS240
FP598	70.9549082	-44.9235028	1.000	76 4(ii)	FOS240
FP599	70.9770562	-44.9180124	1.000	76 4(ii)	FOS240
FP600	70.9993209	-44.9127832	1.000	76 4(ii)	FOS240
FP601	71.0217047	-44.9078137	1.000	76 4(ii)	FOS240
FP602	71.0441985	-44.9031038	1.000	76 4(ii)	FOS240
FP603	71.0667979	-44.8986554	1.000	76 4(ii)	FOS240
FP604	71.0894893	-44.8944748	1.000	76 4(ii)	FOS240
FP605	71.1122728	-44.8905573	1.000	76 4(ii)	FOS240
FP606	71.1351507	-44.8869030	1.000	76 4(ii)	FOS240

FP607	71.1581026	-44.8835166	1.000	76 4(ii)	FOS240
FP608	71.1811287	-44.8803984	1.000	76 4(ii)	FOS240
FP609	71.2042154	-44.8775530	1.000	76 4(ii)	FOS240
FP610	71.2273695	-44.8749741	1.000	76 4(ii)	FOS240
FP611	71.2505819	-44.8726634	1.000	76 4(ii)	FOS240
FP612	71.2738416	-44.8706241	1.000	76 4(ii)	FOS240
FP613	71.2971439	-44.8688546	1.000	76 4(ii)	FOS240
FP614	71.3204798	-44.8673566	1.000	76 4(ii)	FOS240
FP615	71.3438495	-44.8661348	1.000	76 4(ii)	FOS240
FP616	71.3672461	-44.8651813	1.000	76 4(ii)	FOS240
FP617	71.3906540	-44.8645009	1.000	76 4(ii)	FOS240
FP618	71.4140821	-44.8640968	1.000	76 4(ii)	FOS240
FP619	71.4373058	-44.8639595	0.991	76 4(ii)	FOS240
FP620	71.4607383	-44.8640968	1.000	76 4(ii)	FOS240
FP621	71.4841596	-44.8645041	1.000	76 4(ii)	FOS240
FP622	71.5075742	-44.8651909	1.000	76 4(ii)	FOS240
FP623	71.5309686	-44.8661444	1.000	76 4(ii)	FOS240
FP624	71.5543338	-44.8673693	1.000	76 4(ii)	FOS240
FP625	71.5776743	-44.8688674	1.000	76 4(ii)	FOS240
FP626	71.6009788	-44.8706384	1.000	76 4(ii)	FOS240
FP627	71.6242317	-44.8726809	1.000	76 4(ii)	FOS240
FP628	71.6474442	-44.8749917	1.000	76 4(ii)	FOS240
FP629	71.6705982	-44.8775737	1.000	76 4(ii)	FOS240
FP630	71.6936917	-44.8804255	1.000	76 4(ii)	FOS240
FP631	71.7167110	-44.8835486	1.000	76 4(ii)	FOS240
FP632	71.7396630	-44.8869349	1.000	76 4(ii)	FOS240
FP633	71.7625341	-44.8905876	1.000	76 4(ii)	FOS240
FP634	71.7853243	-44.8945099	1.000	76 4(ii)	FOS240
FP635	71.8080158	-44.8986953	1.000	76 4(ii)	FOS240
FP636	71.8306084	-44.9031421	1.000	76 4(ii)	FOS240
FP637	71.8531022	-44.9078535	1.000	76 4(ii)	FOS240
FP638	71.8754860	-44.9128279	1.000	76 4(ii)	FOS240
FP639	71.8977507	-44.9180603	1.000	76 4(ii)	FOS240
FP640	73.3021252	-44.9570830	59.900	76 4(ii)	FOS260
FP641	73.3159503	-44.9550483	0.602	76 4(ii)	FOS260
FP642	73.3389988	-44.9519292	1.000	76 4(ii)	FOS260
FP643	73.3621237	-44.9490810	1.000	76 4(ii)	FOS260
FP644	73.3853047	-44.9465021	1.000	76 4(ii)	FOS260
FP645	73.4085464	-44.9441895	1.000	76 4(ii)	FOS260
FP646	73.4318307	-44.9421496	1.000	76 4(ii)	FOS260
FP647	73.4551577	-44.9403855	1.000	76 4(ii)	FOS260
FP648	73.4785296	-44.9388894	1.000	76 4(ii)	FOS260
FP649	73.5019262	-44.9376611	1.000	76 4(ii)	FOS260
FP650	73.5253543	-44.9367088	1.000	76 4(ii)	FOS260
FP651	73.5487936	-44.9360325	1.000	76 4(ii)	FOS260
FP652	73.5722441	-44.9356241	1.000	76 4(ii)	FOS260
FP653	73.5954992	-44.9354886	0.991	76 4(ii)	FOS260
FP654	73.6189565	-44.9356241	1.000	76 4(ii)	FOS260
FP655	73.6424138	-44.9360373	1.000	76 4(ii)	FOS260
FP656	73.6658530	-44.9367168	1.000	76 4(ii)	FOS260
FP657	73.6892744	-44.9376739	1.000	76 4(ii)	FOS260
FP658	73.7126755	-44.9388973	1.000	76 4(ii)	FOS260
FP659	73.7360407	-44.9403983	1.000	76 4(ii)	FOS260

FP660	73.7593699	-44.9421671	1.000	76 4(ii)	FOS260
FP661	73.7826610	-44.9442119	1.000	76 4(ii)	FOS260
FP662	73.8058959	-44.9465245	1.000	76 4(ii)	FOS260
FP663	73.8290814	-44.9491033	1.000	76 4(ii)	FOS260
FP664	73.8521996	-44.9519547	1.000	76 4(ii)	FOS260
FP665	73.8752571	-44.9550739	1.000	76 4(ii)	FOS260
FP666	73.8982337	-44.9584607	1.000	76 4(ii)	FOS260
FP667	73.9211340	-44.9621185	1.000	76 4(ii)	FOS260
FP668	73.9439445	-44.9660358	1.000	76 4(ii)	FOS260
FP669	73.9666674	-44.9702239	1.000	76 4(ii)	FOS260
FP670	73.9892915	-44.9746700	1.000	76 4(ii)	FOS260
FP671	74.0118145	-44.9793803	1.000	76 4(ii)	FOS260
FP672	74.0342229	-44.9843563	1.000	76 4(ii)	FOS260
FP673	74.0565191	-44.9895869	1.000	76 4(ii)	FOS260
FP674	74.0786873	-44.9950800	1.000	76 4(ii)	FOS260
FP675	74.1007365	-45.0008259	1.000	76 4(ii)	FOS260
FP676	74.1226419	-45.0068309	1.000	76 4(ii)	FOS260
FP677	74.1444148	-45.0130885	1.000	76 4(ii)	FOS260
FP678	74.1660440	-45.0195971	1.000	76 4(ii)	FOS260
FP679	74.1875182	-45.0263566	1.000	76 4(ii)	FOS260
FP680	74.2088375	-45.0333669	1.000	76 4(ii)	FOS260
FP681	74.2299973	-45.0406247	1.000	76 4(ii)	FOS260
FP682	74.2509842	-45.0481268	1.000	76 4(ii)	FOS260
FP683	74.2717981	-45.0558698	1.000	76 4(ii)	FOS260
FP684	74.2924324	-45.0638569	1.000	76 4(ii)	FOS260
FP685	74.3128893	-45.0720832	1.000	76 4(ii)	FOS260
FP686	74.3331463	-45.0805437	1.000	76 4(ii)	FOS260
FP687	74.3532125	-45.0892401	1.000	76 4(ii)	FOS260
FP688	74.3730742	-45.0981673	1.000	76 4(ii)	FOS260
FP689	74.3927338	-45.1073253	1.000	76 4(ii)	FOS260
FP690	74.4121756	-45.1167124	1.000	76 4(ii)	FOS260
FP691	74.4314063	-45.1263221	1.000	76 4(ii)	FOS260
FP692	74.4504102	-45.1361527	1.000	76 4(ii)	FOS260
FP693	74.4691917	-45.1462057	1.000	76 4(ii)	FOS260
FP694	74.4877374	-45.1564746	1.000	76 4(ii)	FOS260
FP695	74.5060428	-45.1669593	1.000	76 4(ii)	FOS260
FP696	74.5241080	-45.1776533	1.000	76 4(ii)	FOS260
FP697	74.5419260	-45.1885580	1.000	76 4(ii)	FOS260
FP698	74.5594904	-45.1996671	1.000	76 4(ii)	FOS260
FP699	74.5768009	-45.2109772	1.000	76 4(ii)	FOS260
FP700	74.5938464	-45.2224930	1.000	76 4(ii)	FOS260
FP701	74.6106247	-45.2342016	1.000	76 4(ii)	FOS260
FP702	74.6271335	-45.2460997	1.000	76 4(ii)	FOS260
FP703	74.6433616	-45.2581919	1.000	76 4(ii)	FOS260
FP704	74.6593134	-45.2704719	1.000	76 4(ii)	FOS260
FP705	74.6749800	-45.2829347	1.000	76 4(ii)	FOS260
FP706	74.6903524	-45.2955802	1.000	76 4(ii)	FOS260
FP707	74.7054396	-45.3083988	1.000	76 4(ii)	FOS260
FP708	74.7202237	-45.3213935	1.000	76 4(ii)	FOS260
FP709	74.7347045	-45.3345578	1.000	76 4(ii)	FOS260
FP710	74.7488754	-45.3478901	1.000	76 4(ii)	FOS260
FP711	74.7627387	-45.3613854	1.000	76 4(ii)	FOS260
FP712	74.7762943	-45.3750374	1.000	76 4(ii)	FOS260

FP713	74.7895264	-45.3888475	1.000	76 4(ii)	FOS260
FP714	74.8024330	-45.4028061	1.000	76 4(ii)	FOS260
FP715	74.8150184	-45.4169177	1.000	76 4(ii)	FOS260
FP716	74.8272759	-45.4311698	1.000	76 4(ii)	FOS260
FP717	74.8391988	-45.4455620	1.000	76 4(ii)	FOS260
FP718	74.8507826	-45.4600944	1.000	76 4(ii)	FOS260
FP719	74.8620317	-45.4747557	1.000	76 4(ii)	FOS260
FP720	74.8729373	-45.4895506	1.000	76 4(ii)	FOS260
FP721	74.8834947	-45.5044664	1.000	76 4(ii)	FOS260
FP722	74.8846086	-45.5061087	0.109	76 4(ii)	FOS260
FP723	76.1834288	-45.8627799	58.676	76 4(ii)	FOS300
FP724	76.1997310	-45.8565693	0.779	76 4(ii)	FOS300
FP725	76.2208481	-45.8488295	1.000	76 4(ii)	FOS300
FP726	76.2421382	-45.8413334	1.000	76 4(ii)	FOS300
FP727	76.2635989	-45.8340827	1.000	76 4(ii)	FOS300
FP728	76.2852236	-45.8270823	1.000	76 4(ii)	FOS300
FP729	76.3070123	-45.8203276	1.000	76 4(ii)	FOS300
FP730	76.3289446	-45.8138217	1.000	76 4(ii)	FOS300
FP731	76.3510297	-45.8075695	1.000	76 4(ii)	FOS300
FP732	76.3732585	-45.8015726	1.000	76 4(ii)	FOS300
FP733	76.3956176	-45.7958296	1.000	76 4(ii)	FOS300
FP734	76.4181114	-45.7903452	1.000	76 4(ii)	FOS300
FP735	76.4407220	-45.7851195	1.000	76 4(ii)	FOS300
FP736	76.4634516	-45.7801479	1.000	76 4(ii)	FOS300
FP737	76.4862913	-45.7754446	1.000	76 4(ii)	FOS300
FP738	76.5092433	-45.7710002	1.000	76 4(ii)	FOS300
FP739	76.5322873	-45.7668195	1.000	76 4(ii)	FOS300
FP740	76.5554301	-45.7629072	1.000	76 4(ii)	FOS300
FP741	76.5786538	-45.7592572	1.000	76 4(ii)	FOS300
FP742	76.6019629	-45.7558711	1.000	76 4(ii)	FOS300
FP743	76.6253393	-45.7527567	1.000	76 4(ii)	FOS300
FP744	76.6487920	-45.7499111	1.000	76 4(ii)	FOS300
FP745	76.6723054	-45.7473341	1.000	76 4(ii)	FOS300
FP746	76.6958750	-45.7450244	1.000	76 4(ii)	FOS300
FP747	76.7194939	-45.7429865	1.000	76 4(ii)	FOS300
FP748	76.7431556	-45.7412222	1.000	76 4(ii)	FOS300
FP749	76.7668531	-45.7397252	1.000	76 4(ii)	FOS300
FP750	76.7905844	-45.7385002	1.000	76 4(ii)	FOS300
FP751	76.8143381	-45.7375488	1.000	76 4(ii)	FOS300
FP752	76.8381165	-45.7368694	1.000	76 4(ii)	FOS300
FP753	76.8619016	-45.7364637	1.000	76 4(ii)	FOS300
FP754	76.8854846	-45.7363285	0.991	76 4(ii)	FOS300
FP755	76.9092743	-45.7364668	1.000	76 4(ii)	FOS300
FP756	76.9330594	-45.7368741	1.000	76 4(ii)	FOS300
FP757	76.9568401	-45.7375582	1.000	76 4(ii)	FOS300
FP758	76.9805938	-45.7385096	1.000	76 4(ii)	FOS300
FP759	77.0043228	-45.7397378	1.000	76 4(ii)	FOS300
FP760	77.0280226	-45.7412348	1.000	76 4(ii)	FOS300
FP761	77.0516842	-45.7430038	1.000	76 4(ii)	FOS300
FP762	77.0753032	-45.7450448	1.000	76 4(ii)	FOS300
FP763	77.0988727	-45.7473546	1.000	76 4(ii)	FOS300
FP764	77.1223861	-45.7499331	1.000	76 4(ii)	FOS300
FP765	77.1458321	-45.7527835	1.000	76 4(ii)	FOS300
FP766	77.1692153	-45.7559010	1.000	76 4(ii)	FOS300
FP767	77.1925176	-45.7592871	1.000	76 4(ii)	FOS300

FP768	77.2157480	-45.7629371	1.000	76 4(ii)	FOS300
FP769	77.2388841	-45.7668587	1.000	76 4(ii)	FOS300
FP770	77.2619282	-45.7710395	1.000	76 4(ii)	FOS300
FP771	77.2848734	-45.7754839	1.000	76 4(ii)	FOS300
FP772	77.3583354	-45.7903531	3.211	76 4(ii)	FOS310
FP773	77.3811818	-45.7950598	1.000	76 4(ii)	FOS310
FP774	77.5292196	-45.8273163	6.508	76 4(ii)	FOS320
FP775	77.5519672	-45.8322821	1.000	76 4(ii)	FOS320
FP776	77.5746025	-45.8375127	1.000	76 4(ii)	FOS320
FP777	77.5971098	-45.8430003	1.000	76 4(ii)	FOS320
FP778	77.6194868	-45.8487431	1.000	76 4(ii)	FOS320
FP779	77.6417336	-45.8547443	1.000	76 4(ii)	FOS320
FP780	77.6638322	-45.8609990	1.000	76 4(ii)	FOS320
FP781	77.6845765	-45.8671432	0.945	76 4(ii)	FOS320
FP782	77.6901326	-45.8724317	0.394	76 5	FOS320
FP783	77.7041688	-45.8858681	0.998	76 5	FOS320
FP784	77.7181555	-45.8993325	0.998	76 5	FOS320
FP785	77.7320996	-45.9128234	0.998	76 5	FOS320
FP786	77.7459943	-45.9263361	0.998	76 5	FOS320
FP787	77.7598374	-45.9398769	0.998	76 5	FOS320
FP788	77.7736332	-45.9534440	0.998	76 5	FOS320
FP789	77.7873797	-45.9670329	0.998	76 5	FOS320
FP790	77.8010835	-45.9806544	0.999	76 5	FOS320
FP791	77.8147289	-45.9942977	0.998	76 5	FOS320
FP792	77.8283339	-46.0079625	0.998	76 5	FOS320
FP793	77.8418827	-46.0216553	0.998	76 5	FOS320
FP794	77.8553867	-46.0353743	0.998	76 5	FOS320
FP795	77.8688434	-46.0491197	0.998	76 5	FOS320
FP796	77.8822441	-46.0628882	0.998	76 5	FOS320
FP797	77.8955998	-46.0766829	0.998	76 5	FOS320
FP798	77.9089016	-46.0904991	0.998	76 5	FOS320
FP799	77.9221584	-46.1043431	0.998	76 5	FOS320
FP800	77.9353614	-46.1182086	0.998	76 5	FOS320
FP801	77.9485218	-46.1321019	0.998	76 5	FOS320
FP802	77.9616237	-46.1460196	0.998	76 5	FOS320
FP803	77.9746785	-46.1599573	0.998	76 5	FOS320
FP804	77.9876838	-46.1739242	0.998	76 5	FOS320
FP805	78.0006330	-46.1879140	0.998	76 5	FOS320
FP806	78.0135373	-46.2019267	0.998	76 5	FOS320
FP807	78.0263877	-46.2159655	0.998	76 5	FOS320
FP808	78.0391887	-46.2300256	0.998	76 5	FOS320
FP809	78.0519403	-46.2441085	0.998	76 5	FOS320
FP810	78.0646357	-46.2582175	0.998	76 5	FOS320
FP811	78.0772818	-46.2723492	0.998	76 5	FOS320
FP812	78.0898806	-46.2865053	0.998	76 5	FOS320
FP813	78.1024211	-46.3006811	0.998	76 5	FOS320
FP814	78.1149122	-46.3148874	0.998	76 5	FOS320
FP815	78.1273561	-46.3291102	0.998	76 5	FOS320
FP816	78.1397416	-46.3433589	0.998	76 5	FOS320
FP817	78.1520800	-46.3576318	0.998	76 5	FOS320
FP818	78.1643622	-46.3719242	0.998	76 5	FOS320
FP819	78.1765950	-46.3862394	0.998	76 5	FOS320
FP820	78.1887717	-46.4005771	0.998	76 5	FOS320
FP821	78.2008989	-46.4149406	0.998	76 5	FOS320
FP822	78.2129701	-46.4293251	0.998	76 5	FOS320
FP823	78.2249918	-46.4437322	0.998	76 5	FOS320

FP824	78.2369596	-46.4581603	0.998	76 5	FOS320
FP825	78.2488757	-46.4726110	0.998	76 5	FOS320
FP826	78.2607380	-46.4870841	0.998	76 5	FOS320
FP827	78.2725441	-46.5015813	0.998	76 5	FOS320
FP828	78.2843008	-46.5160978	0.998	76 5	FOS320
FP829	78.2960036	-46.5306353	0.998	76 5	FOS320
FP830	78.3076480	-46.5451982	0.998	76 5	FOS320
FP831	78.3192452	-46.5597789	0.998	76 5	FOS320
FP832	78.3307841	-46.5743852	0.998	76 5	FOS320
FP833	78.3422691	-46.5890091	0.998	76 5	FOS320
FP834	78.3536979	-46.6036538	0.998	76 5	FOS320
FP835	78.3650795	-46.6183209	0.998	76 5	FOS320
FP836	78.3764028	-46.6330102	0.998	76 5	FOS320
FP837	78.3876722	-46.6477203	0.998	76 5	FOS320
FP838	78.3988854	-46.6624511	0.998	76 5	FOS320
FP839	78.4100425	-46.6771995	0.998	76 5	FOS320
FP840	78.4211501	-46.6919747	0.999	76 5	FOS320
FP841	78.4321972	-46.7067660	0.998	76 5	FOS320
FP842	78.4431925	-46.7215795	0.998	76 5	FOS320
FP843	78.4541295	-46.7364089	0.998	76 5	FOS320
FP844	78.4650149	-46.7512651	0.998	76 5	FOS320
FP845	78.4758373	-46.7661388	0.998	76 5	FOS320
FP846	78.4866126	-46.7810330	0.998	76 5	FOS320
FP847	78.4973318	-46.7959432	0.998	76 5	FOS320
FP848	78.5079880	-46.8108769	0.998	76 5	FOS320
FP849	78.5185971	-46.8258296	0.998	76 5	FOS320
FP850	78.5291411	-46.8408058	0.998	76 5	FOS320
FP851	78.5396379	-46.8557979	0.998	76 5	FOS320
FP852	78.5500741	-46.8708073	0.998	76 5	FOS320
FP853	78.5562410	-46.8797380	0.593	76 4(ii)	FOS320
FP854	78.5554303	-46.8862144	0.390	76 4(ii)	FOS320
FP855	78.5529397	-46.9027853	1.000	76 4(ii)	FOS320
FP856	78.5500539	-46.9193265	1.000	76 4(ii)	FOS320
FP857	78.5467616	-46.9358332	1.000	76 4(ii)	FOS320
FP858	78.5430605	-46.9522949	1.000	76 4(ii)	FOS320
FP859	78.5389642	-46.9687161	1.000	76 4(ii)	FOS320
FP860	78.5344614	-46.9850877	1.000	76 4(ii)	FOS320
FP861	78.5295611	-47.0014051	1.000	76 4(ii)	FOS320
FP862	78.4966086	-47.1070844	6.486	76 4(ii)	FOS330
FP863	78.4912951	-47.1233458	1.000	76 4(ii)	FOS330
FP864	78.4855863	-47.1395410	1.000	76 4(ii)	FOS330
FP865	78.4794777	-47.1556669	1.000	76 4(ii)	FOS330
FP866	78.4729717	-47.1717250	1.000	76 4(ii)	FOS330
FP867	78.4660704	-47.1877018	1.000	76 4(ii)	FOS330
FP868	78.4587806	-47.2036017	1.000	76 4(ii)	FOS330
FP869	78.4510955	-47.2194142	1.000	76 4(ii)	FOS330
FP870	78.4430151	-47.2351364	1.000	76 4(ii)	FOS330
FP871	78.4345507	-47.2507621	1.000	76 4(ii)	FOS330
FP872	78.4256979	-47.2662945	1.000	76 4(ii)	FOS330
FP873	78.4164609	-47.2817183	1.000	76 4(ii)	FOS330
FP874	78.4068490	-47.2970353	1.000	76 4(ii)	FOS330
FP875	78.3968462	-47.3122440	1.000	76 4(ii)	FOS330
FP876	78.3864729	-47.3273338	1.000	76 4(ii)	FOS330
FP877	78.3757246	-47.3423032	1.000	76 4(ii)	FOS330
FP878	78.3646102	-47.3571447	1.000	76 4(ii)	FOS330
FP879	78.3531185	-47.3718615	1.000	76 4(ii)	FOS330

FP880	78.3412630	-47.3864399	1.000	76 4(ii)	FOS330
FP881	78.3290481	-47.4008832	1.000	76 4(ii)	FOS330
FP882	78.3164695	-47.4151883	1.000	76 4(ii)	FOS330
FP883	78.3035337	-47.4293448	1.000	76 4(ii)	FOS330
FP884	78.2902499	-47.4433481	1.000	76 4(ii)	FOS330
FP885	78.2766157	-47.4572029	1.000	76 4(ii)	FOS330
FP886	78.2626357	-47.4708988	1.000	76 4(ii)	FOS330
FP887	78.2483143	-47.4844312	1.000	76 4(ii)	FOS330
FP888	78.2336470	-47.4978019	1.000	76 4(ii)	FOS330
FP889	78.2186541	-47.5109972	1.000	76 4(ii)	FOS330
FP890	78.2033334	-47.5240248	1.000	76 4(ii)	FOS330
FP891	78.0614355	-47.6411986	9.094	76 4(ii)	FOS340
FP892	78.0457554	-47.6540495	1.000	76 4(ii)	FOS340
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FP894	78.0134205	-47.6792019	1.000	76 4(ii)	FOS340
FP895	77.9967837	-47.6914991	1.000	76 4(ii)	FOS340
FP896	77.9798370	-47.7036039	1.000	76 4(ii)	FOS340
FP897	77.9625826	-47.7155119	1.000	76 4(ii)	FOS340
FP898	77.9450296	-47.7272231	1.000	76 4(ii)	FOS340
FP899	77.9271890	-47.7387348	1.000	76 4(ii)	FOS340
FP900	77.9090498	-47.7500349	1.000	76 4(ii)	FOS340
FP901	77.8906321	-47.7611341	1.000	76 4(ii)	FOS340
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FP904	77.8337148	-47.7931404	1.000	76 4(ii)	FOS340
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FP906	77.7944405	-47.8133772	1.000	76 4(ii)	FOS340
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FP908	77.7541668	-47.8327079	1.000	76 4(ii)	FOS340
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FP911	77.6919539	-47.8599561	1.000	76 4(ii)	FOS340
FP912	77.6707627	-47.8685626	1.000	76 4(ii)	FOS340
FP913	77.6493581	-47.8769245	1.000	76 4(ii)	FOS340
FP914	77.6277334	-47.8850418	1.000	76 4(ii)	FOS340
FP915	77.6059133	-47.8929116	1.000	76 4(ii)	FOS340
FP916	77.5838888	-47.9005310	1.000	76 4(ii)	FOS340
FP917	77.1074539	-48.0583936	21.417	76 4(ii)	FOS350
FP918	76.0645570	-48.4212654	47.161	76 4(ii)	FOS390
FP919	76.0011494	-49.4104188	59.449	76 4(ii)	FOS400
FP920	76.3769820	-49.5284483	16.328		not relevant

FOS ID	Longitude (decimal deg)	Latitude (decimal deg)
FOS10	63.7883537000	-50.3864830000
FOS20	61.9417418000	-50.1796595000
FOS30	60.1338537000	-50.6709669000
FOS40	59.5750037000	-51.1938961000
FOS50	59.5073051000	-51.1921337000
FOS60	59.6146170000	-51.0598324000
FOS70	59.9776984000	-50.6116812000
FOS80	60.2900769000	-50.1614227000
FOS90	60.4732733000	-49.8651148000
FOS100	60.5285046000	-49.6478062000
FOS110	60.9123688000	-48.4034020000
FOS120	61.0826655000	-47.8041884000
FOS130	61.7248568000	-47.5834268000
FOS140	62.3704336000	-47.1719139000
FOS150	62.6311516000	-46.3589100000
FOS160	62.8847587000	-45.9711345000
FOS170	64.9671418000	-46.2266685000
FOS180	65.9015466000	-45.4917357000
FOS190	66.4665622000	-45.3825170000
FOS200	67.8463826000	-45.1143552000
FOS210	67.9680646000	-43.7658717000
FOS212	68.3987580000	-43.8717228000
FOS238	71.3386730000	-45.9218051000
FOS240	71.4373049000	-45.8637911000
FOS250	73.2519888000	-46.0374392000
FOS260	73.5954983000	-45.9353076000
FOS270	73.6483140000	-46.0100332000
FOS280	75.8117402000	-47.2577155000
FOS290	76.6101486000	-46.8251858000
FOS300	76.8854837000	-46.7360060000
FOS310	76.9588352000	-46.7508704000
FOS320	77.1066316000	-46.7831205000
FOS330	77.0708609000	-46.8888400000
FOS340	76.9264377000	-47.0060537000
FOS350	76.4258031000	-47.1715727000
FOS360	76.0653288000	-47.2922652000
FOS370	75.6989484000	-47.4118802000
FOS380	75.2289999000	-47.5872848000
FOS390	75.0271089000	-47.7035865000
FOS400	74.8243282000	-50.0556136000

ANNEX II
Figures

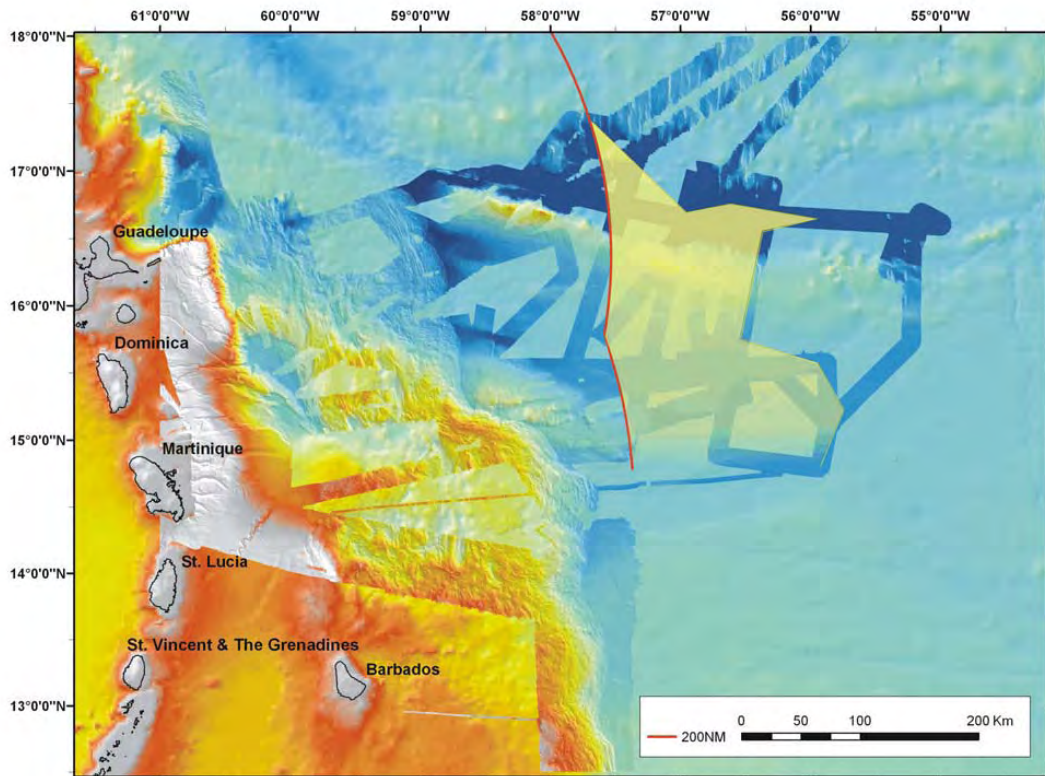


Figure 1. The continental shelf in the area of the French Antilles, indicated by the yellow shaded area comprised between the 200 mile limit and the outer limit of the continental shelf

(Source: Executive summary, page 6, Figure 1)

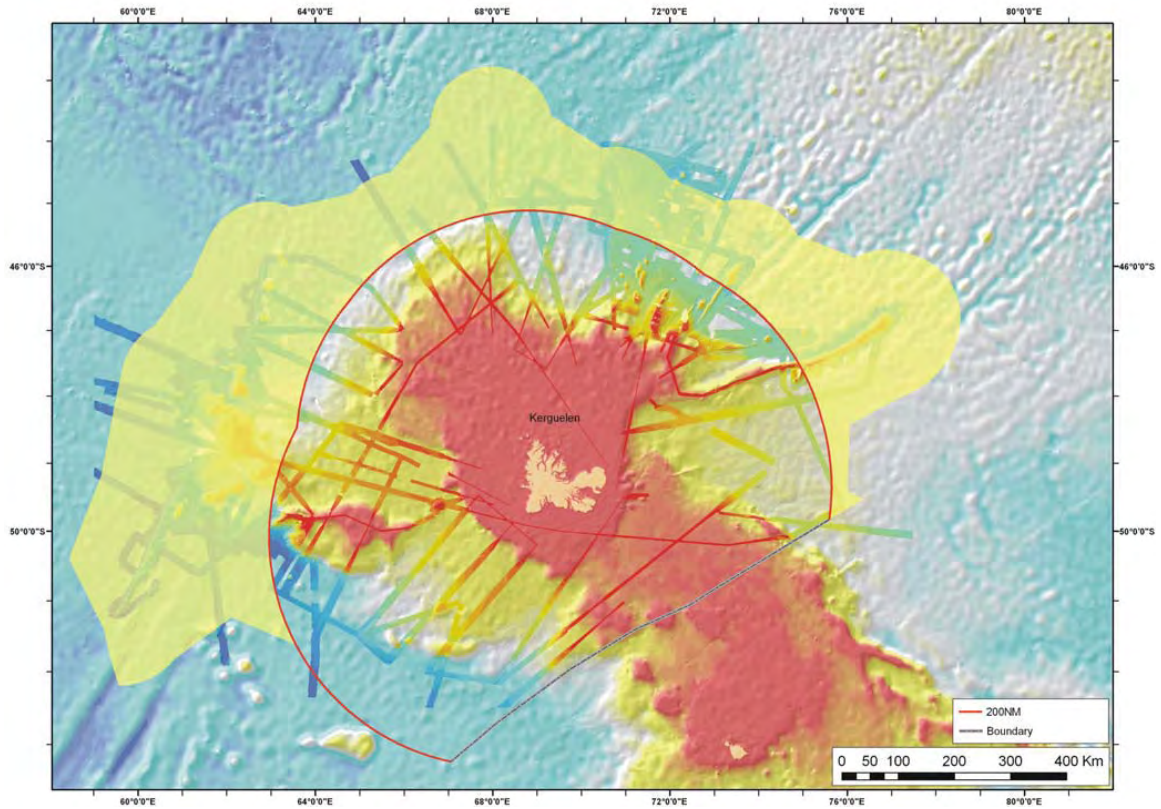


Figure 2. The continental shelf in the area of the Kerguelen Islands, indicated by the yellow shaded area comprised between the 200 mile limit and the outer limit of the continental shelf

(Source: Executive summary, page 7, Figure 2)

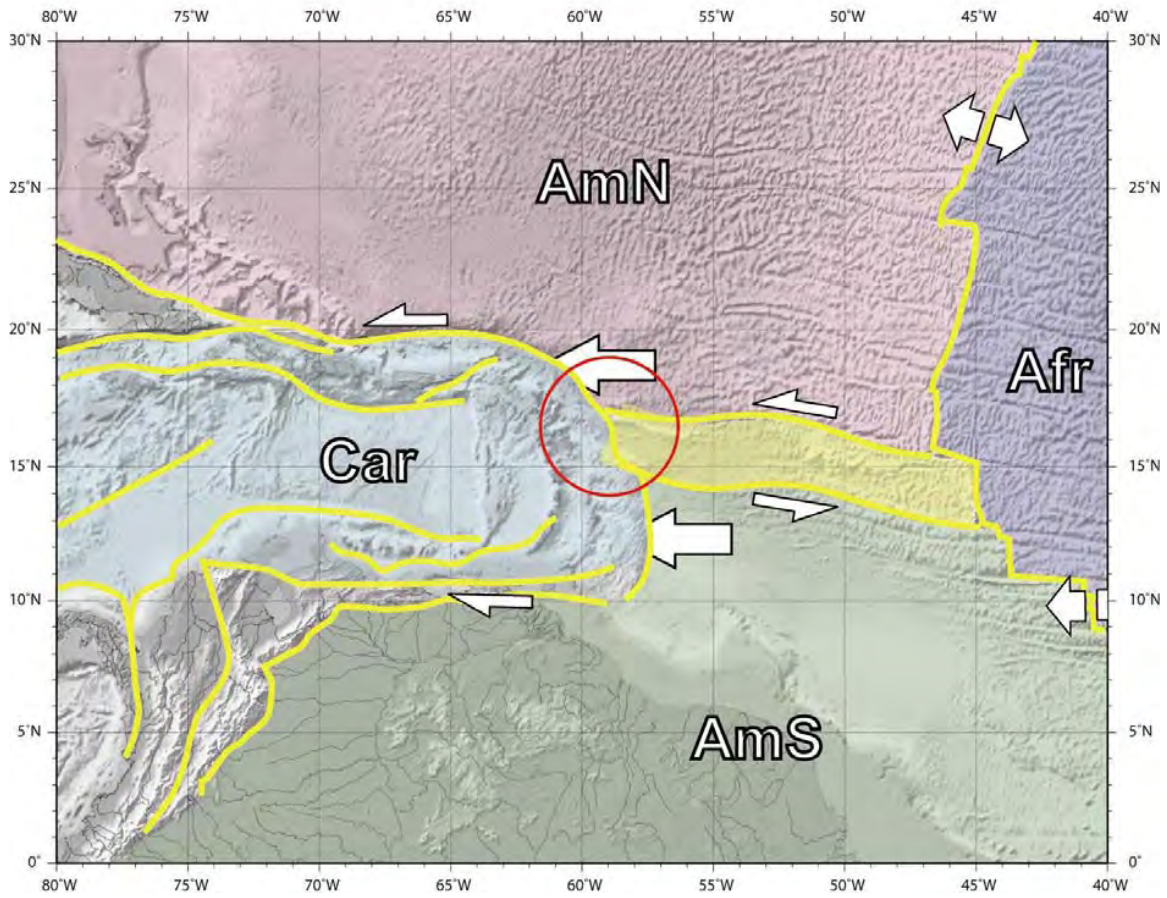


Figure 3. The triple point (NAm/SAm/Car) in the zone of submission for continental shelf (indicated by red circle)

(Source: Part 2 – Main Text – the Antilles, page 2-1, Figure 2.1)

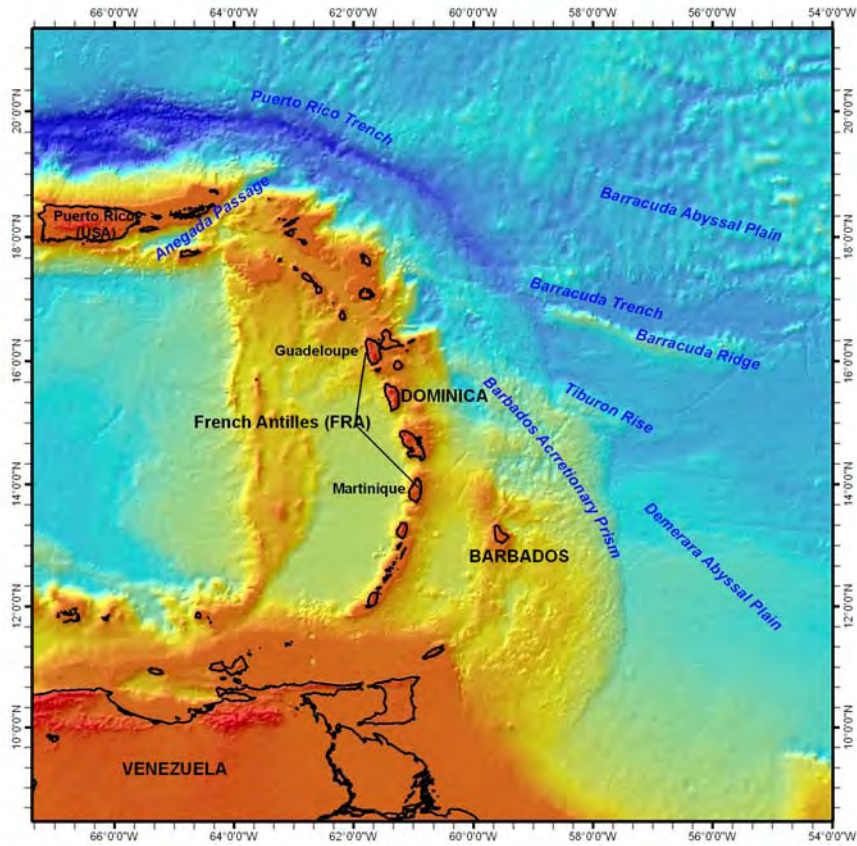


Figure 4. General characteristics of the Lesser Antilles in the eastern part of the Caribbean plate

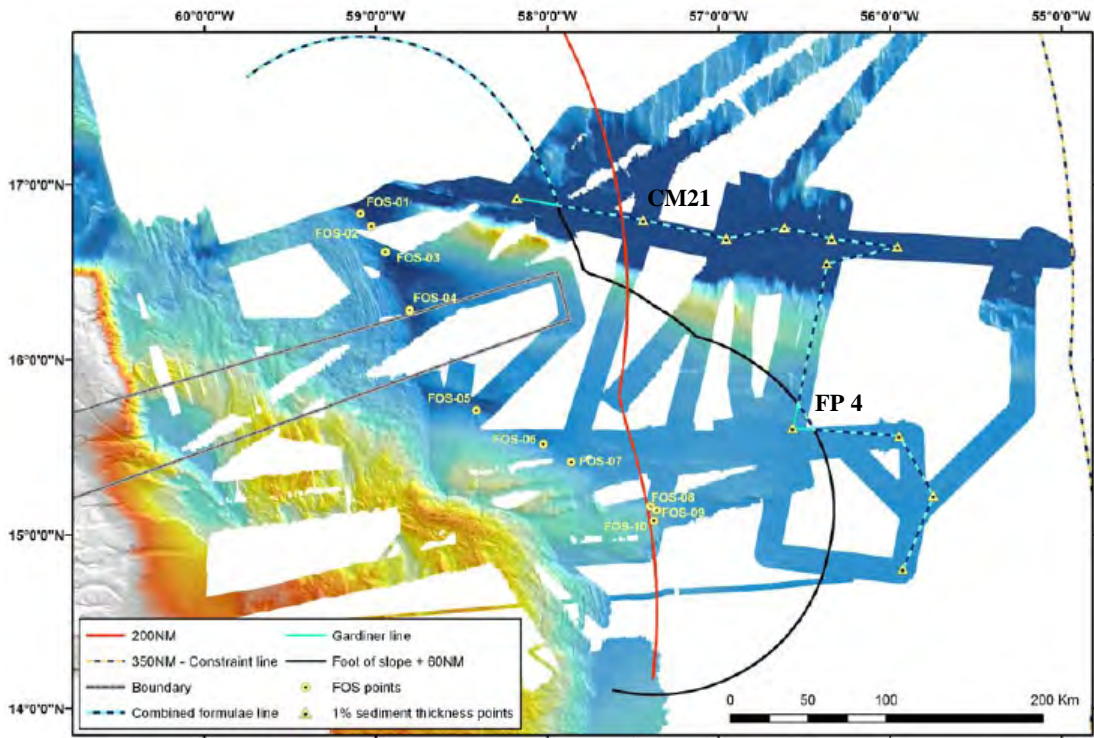


Figure 5. French Antilles: formula lines demonstrating entitlement to delineate the outer limits of the continental shelf beyond 200M

(Source: Part 2 – Main Text – the Antilles, page 7-2, Figure 7.1)

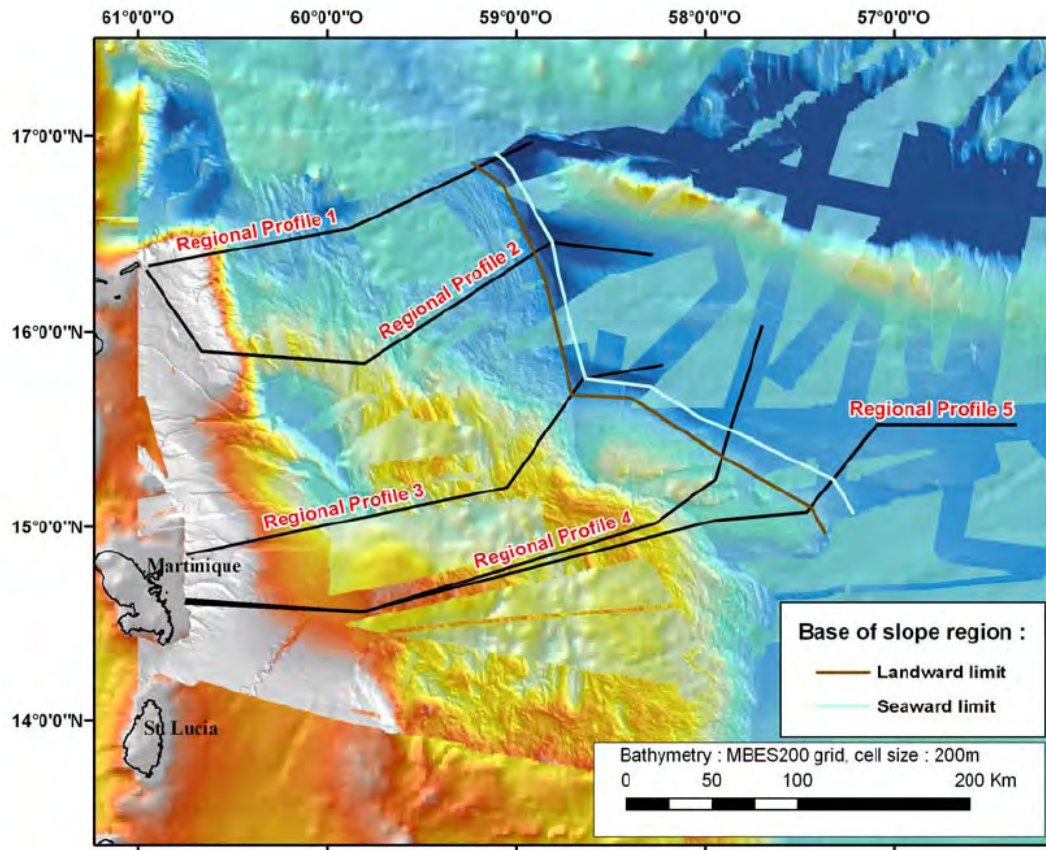


Figure 6. Identification of the base of the slope from satellite and multibeam bathymetric data (grid step of 2km). The seaward limit of the base of the slope is indicated in light blue and the landward limit in brown

(Source: Part 2 – Main Text – the Antilles, page 4-8, Figure 4.6)

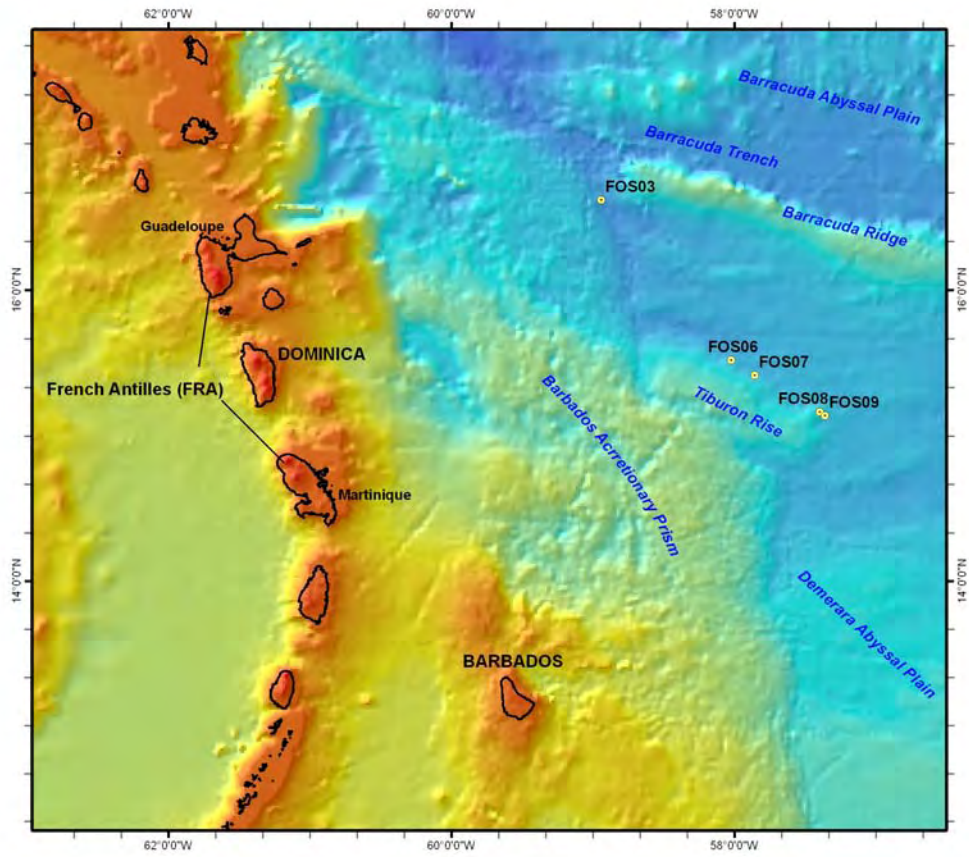


Figure 7. Location of relevant and critical FOS points

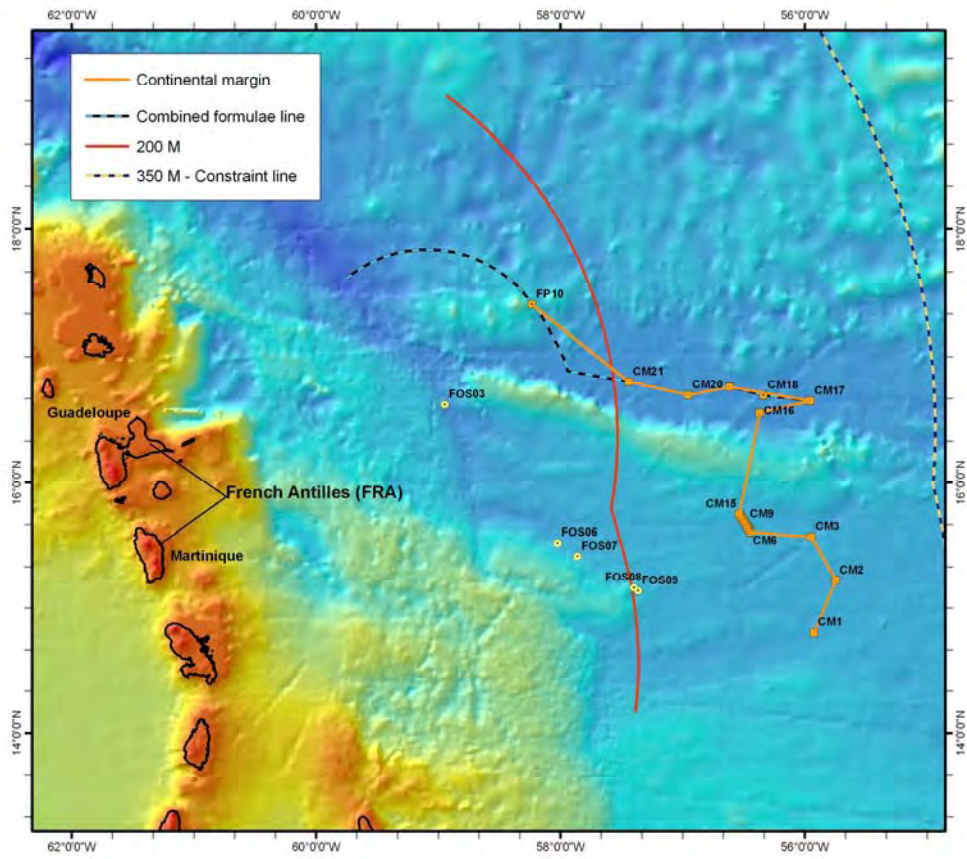


Figure 8. The recommended outer edge of the continental margin

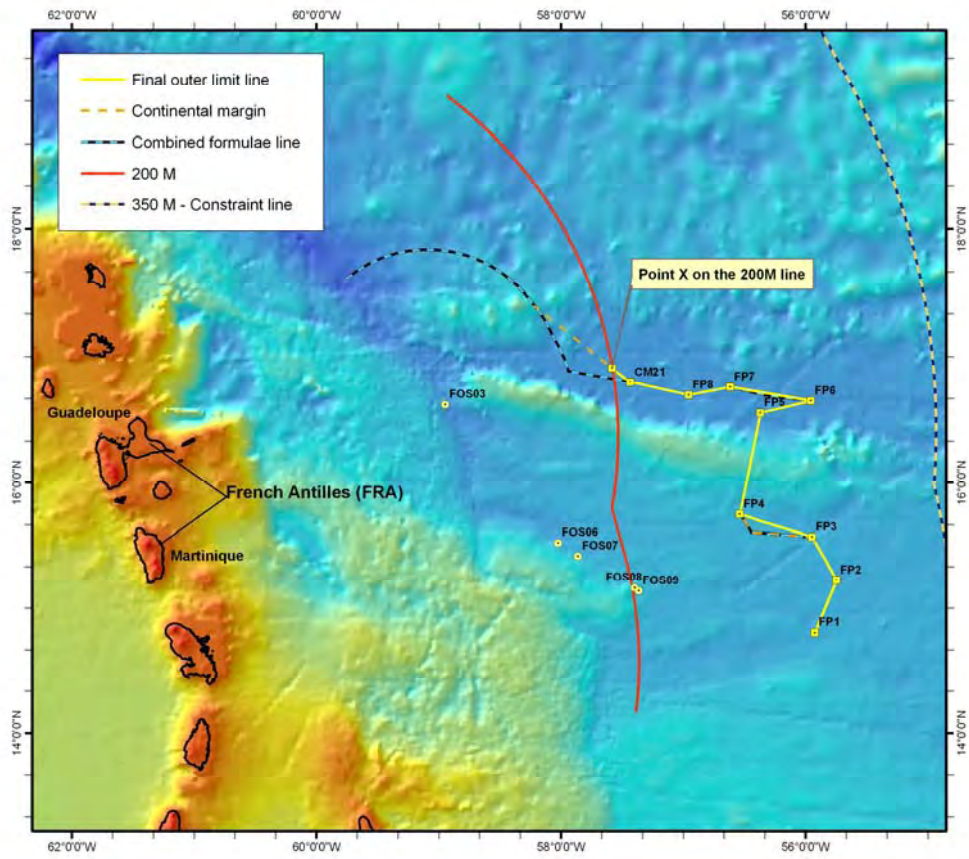


Figure 9. The recommended outer limit of the continental shelf

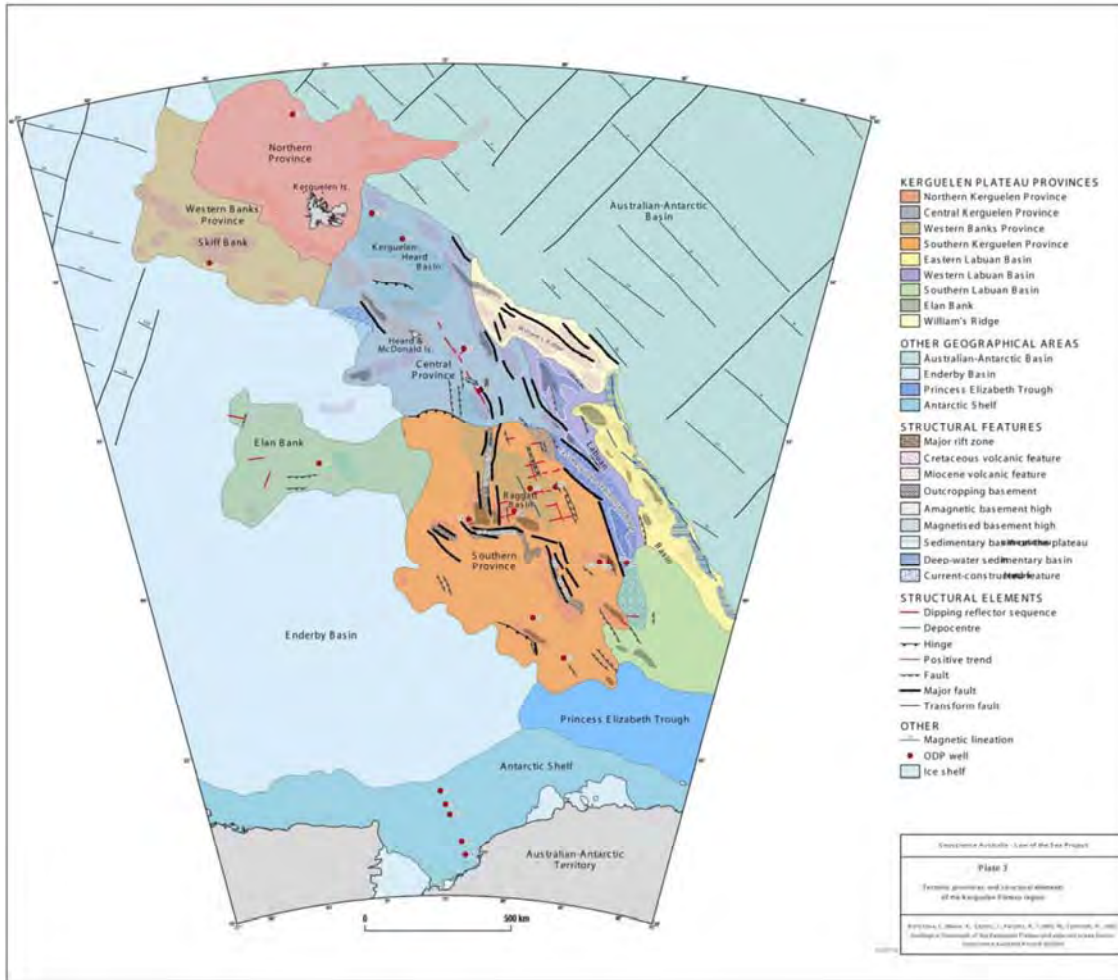


Figure 10. Main tectonic provinces and units of the Kerguelen Plateau
(Source: Part 2 – Main Text – the Kerguelen, page 2-8, Figure 2.3)

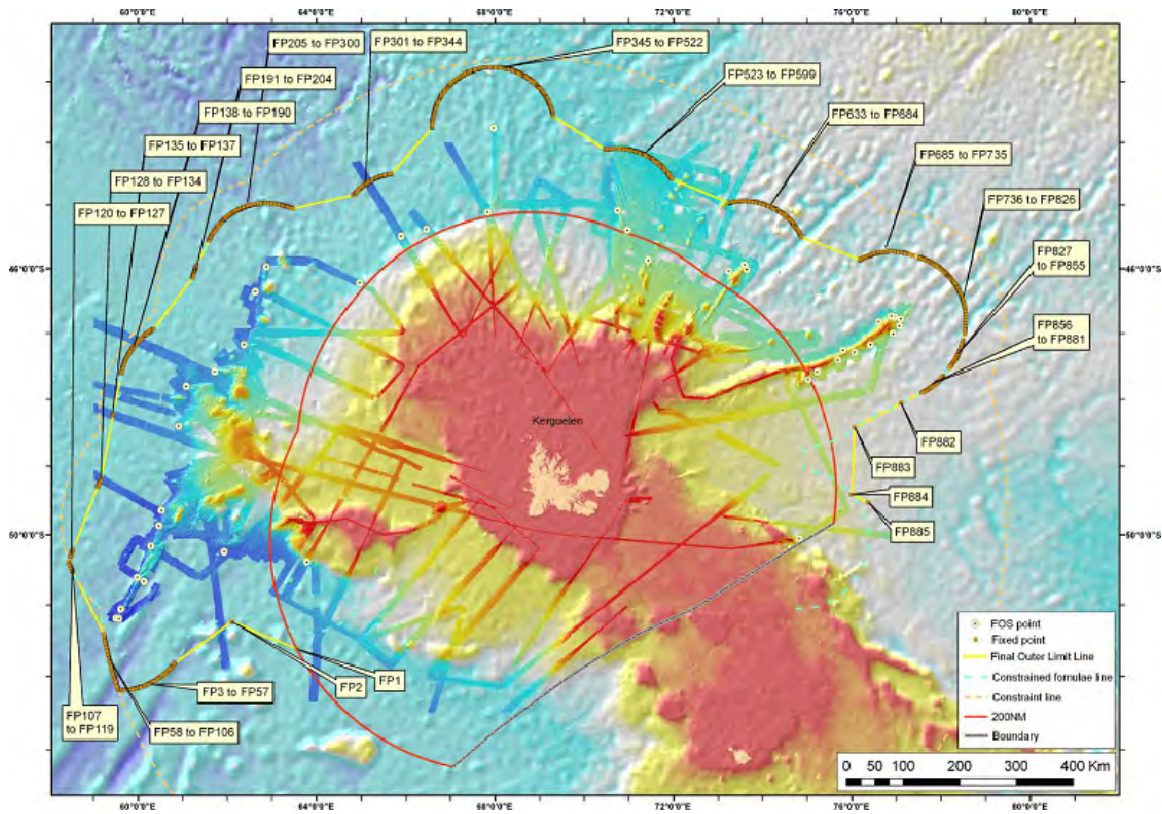


Figure 11. Outer limit of the continental shelf with numbering of the fixed points as submitted by France

(Source: Part 2 – Main Text – the Kerguelen, page 6-4, Figure 6.2)

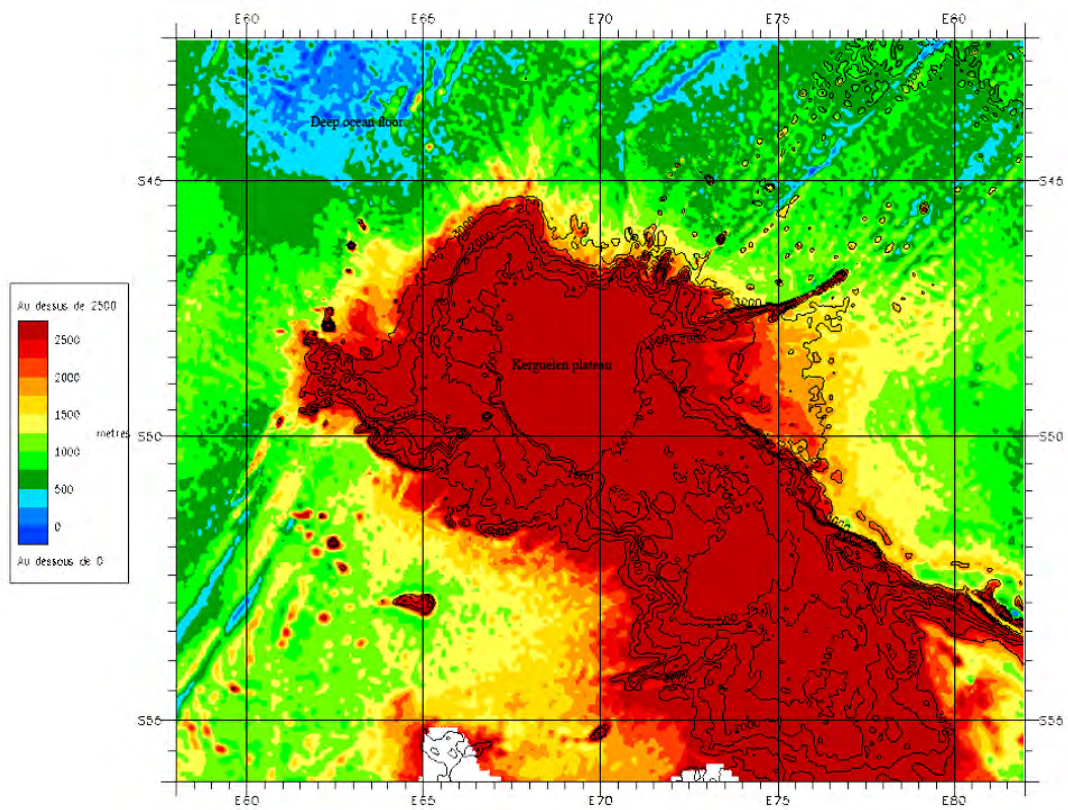


Figure 12. Calculated bathymetric anomaly superimposed on isobaths – deepest isobath at 3000 m. Base of slope zone proposed by France approximately at change between yellow and light yellow

(Source: Part 2 – Main Text – the Kerguelen, page 4-5, Figure 4.3)

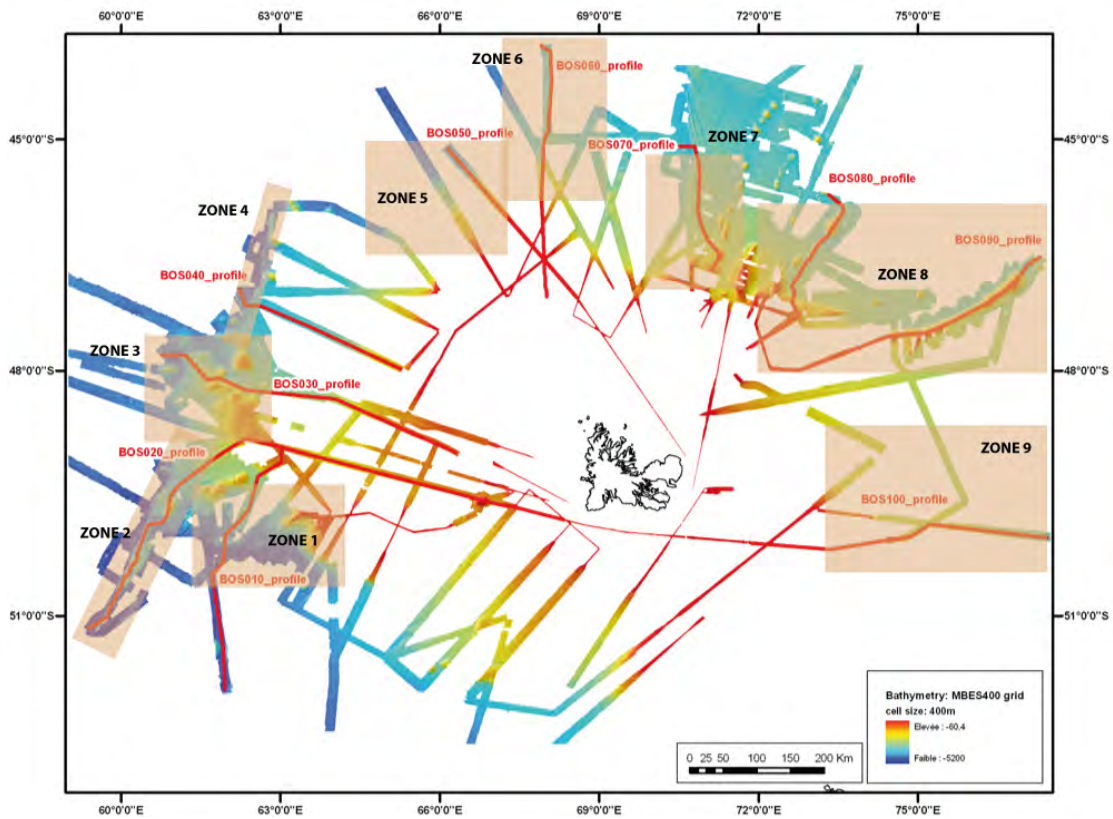


Figure 13. Nine morphological Zones based on major structures of the margin of Northern Kerguelen Plateau

(Source: Part 2 – Main Text – the Kerguelen, page 4-9, Figure 4.6)

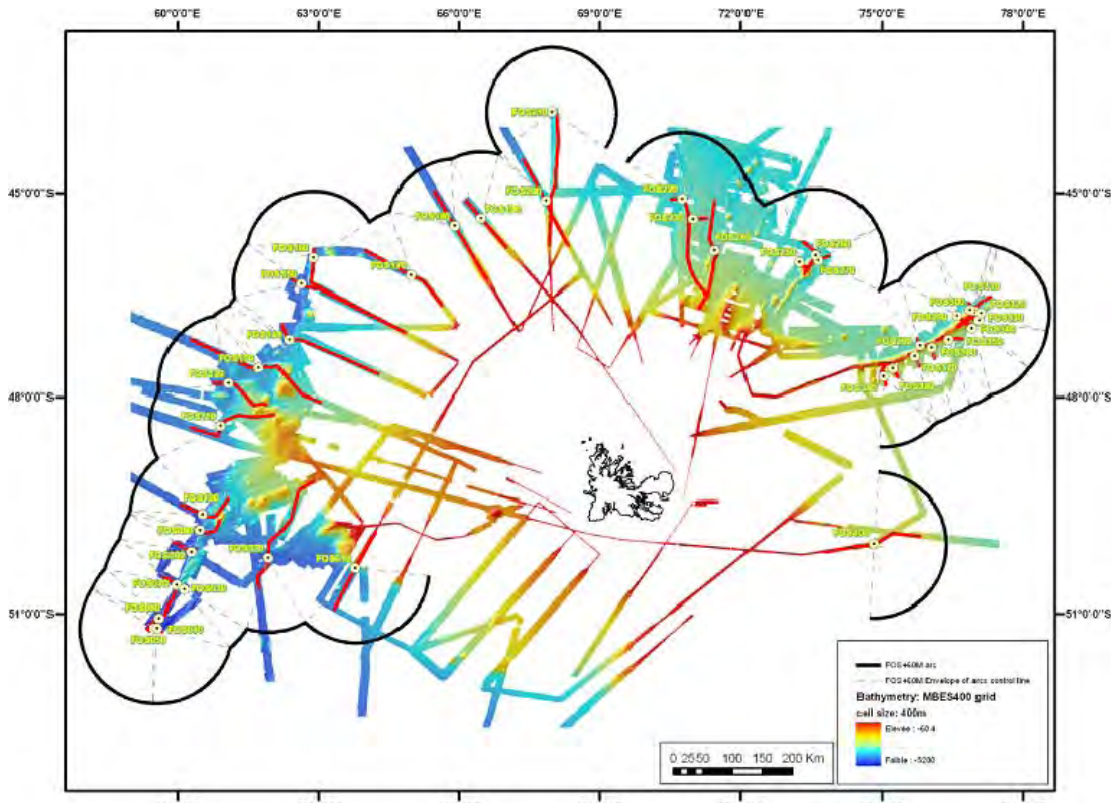


Figure 14. 40 critical FOS points and their corresponding 60 M arcs superimposed on MBES grid as submitted by France

(Source: Part 2 – Main Text – the Kerguelen, page 4-57, Figure 4.67)

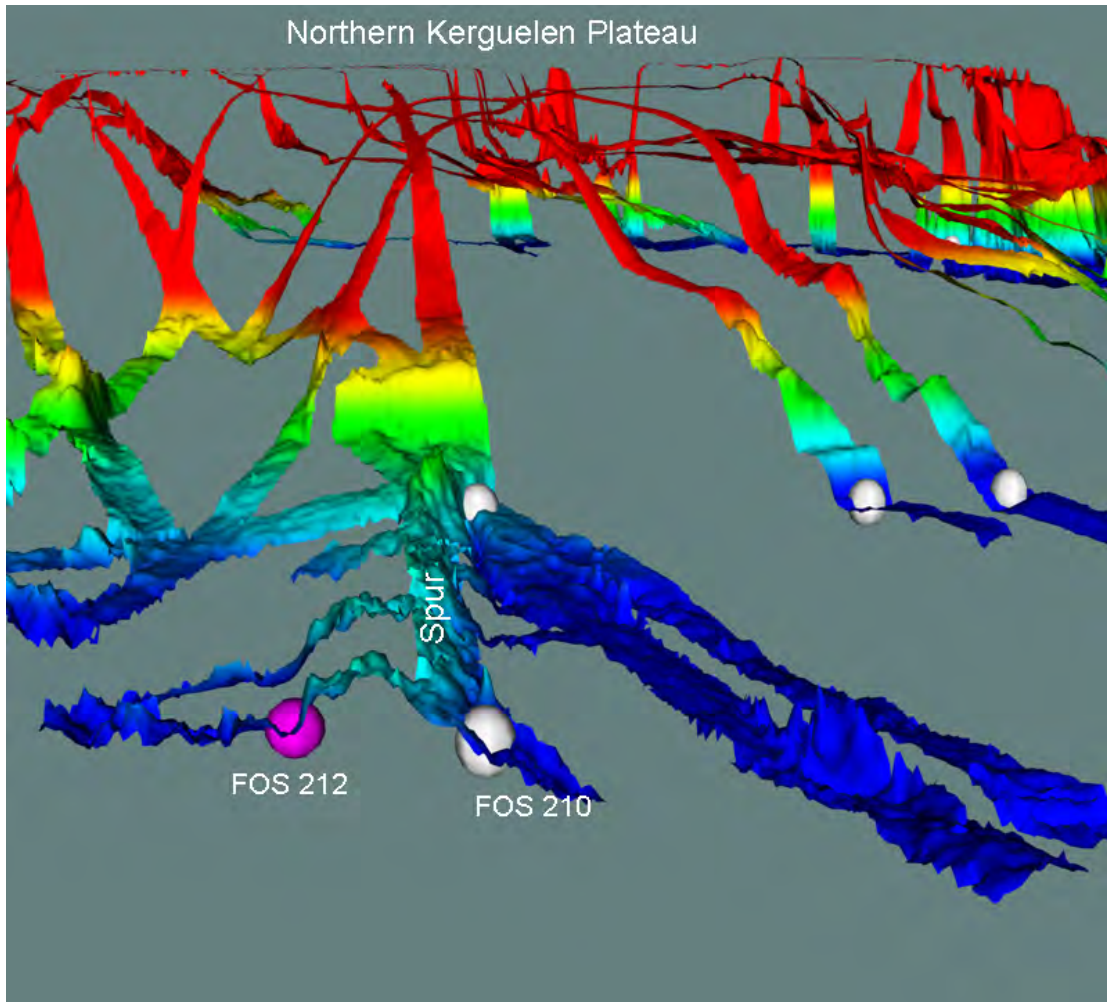


Figure 15. Locations of points FOS 210 and FOS 212 agreed to by Commission after local spur was substantiated by the MBES swath data, here depicted as colour shaded grid.
View from north towards south

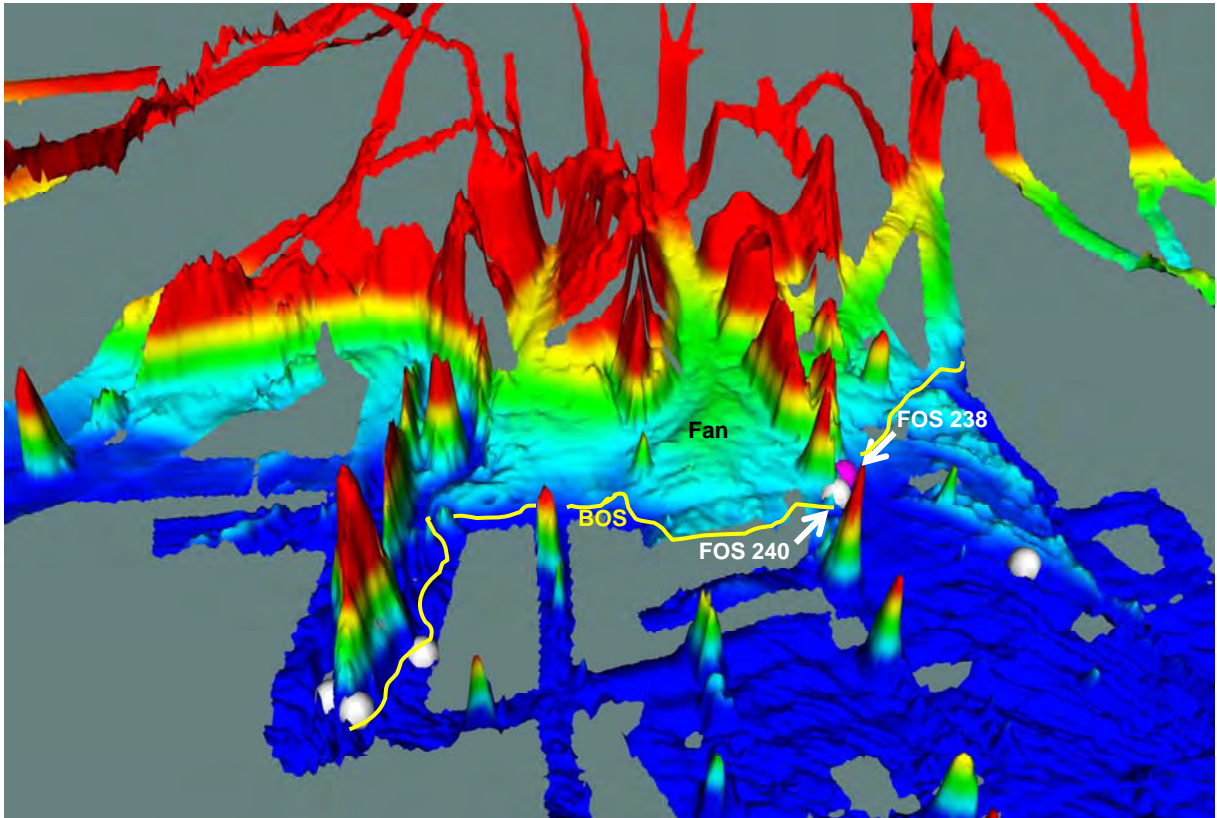


Figure 16. Morphology of sediment fan deposited by gravity processes along local gully between seamounts, and the locations of BOS, FOS 238 and FOS 240. View from north towards south

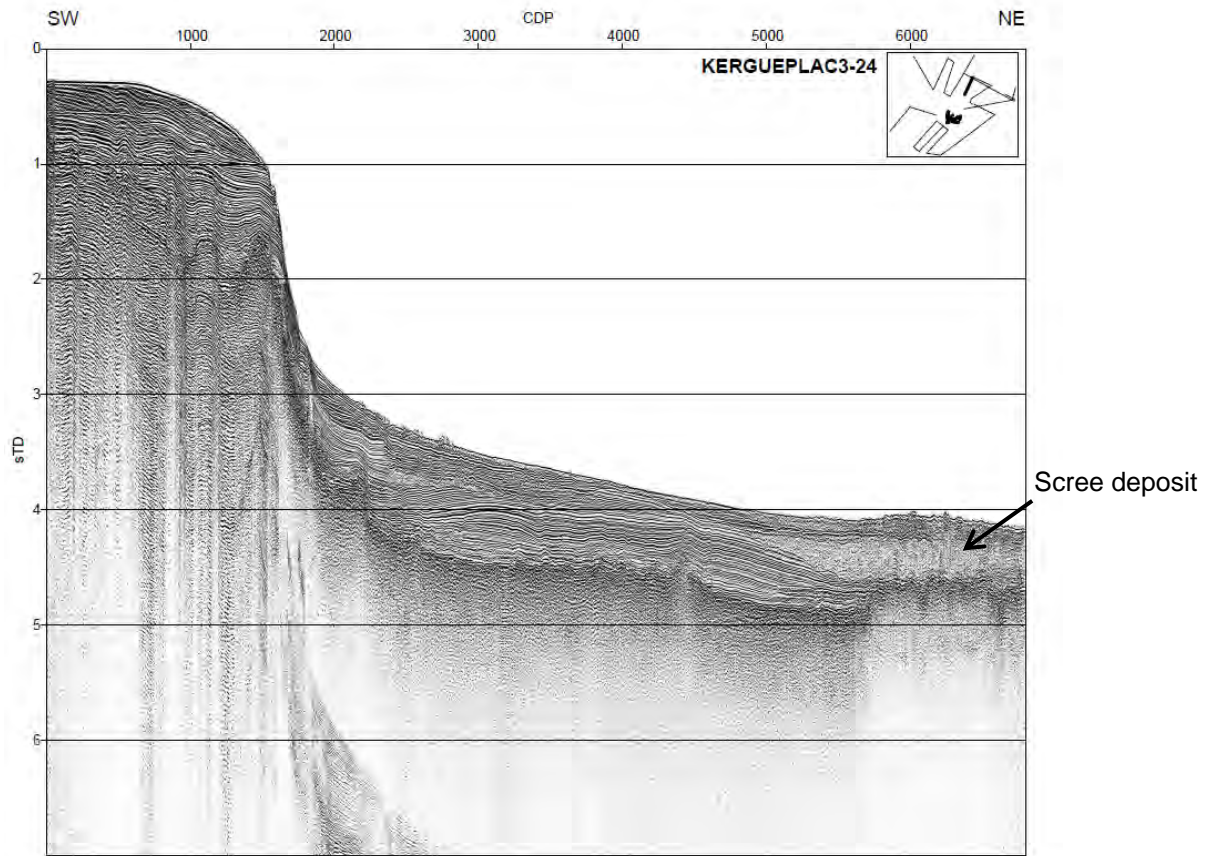


Figure 17. Seismic line 24 running downslope along sediment fan in Figure 16

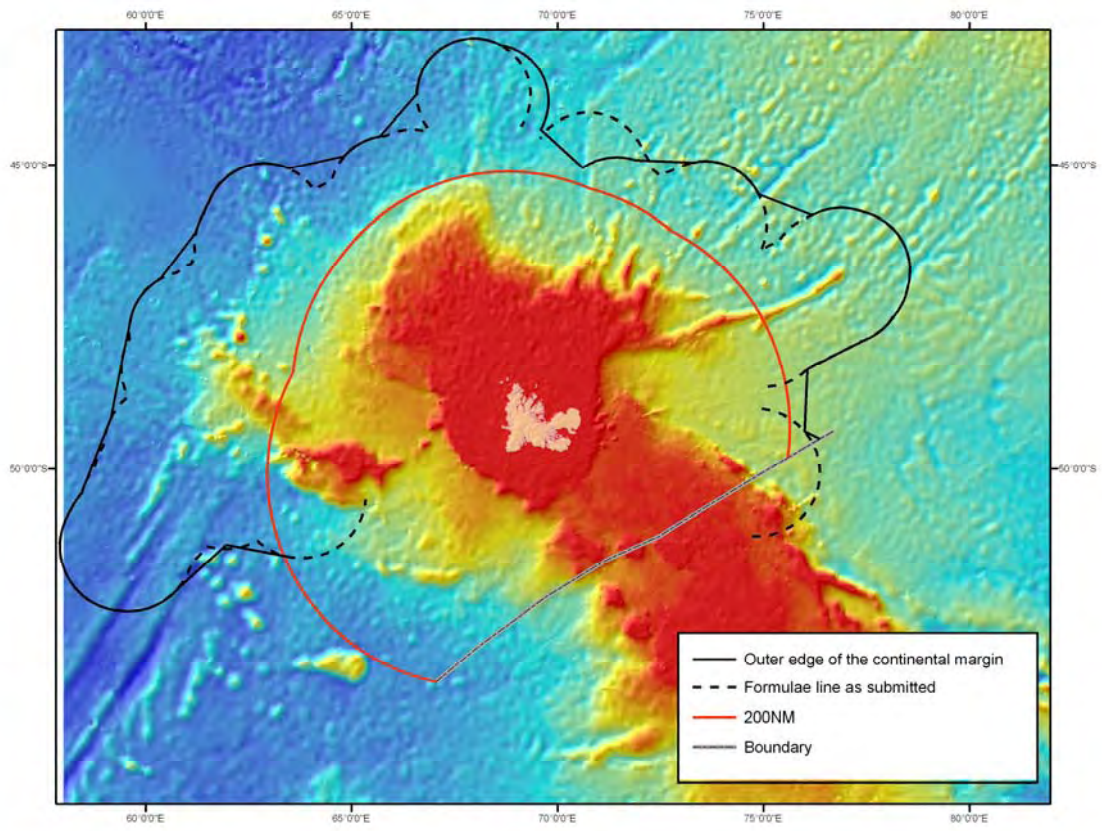


Figure 18. The recommended outer edge of the continental margin (black line)

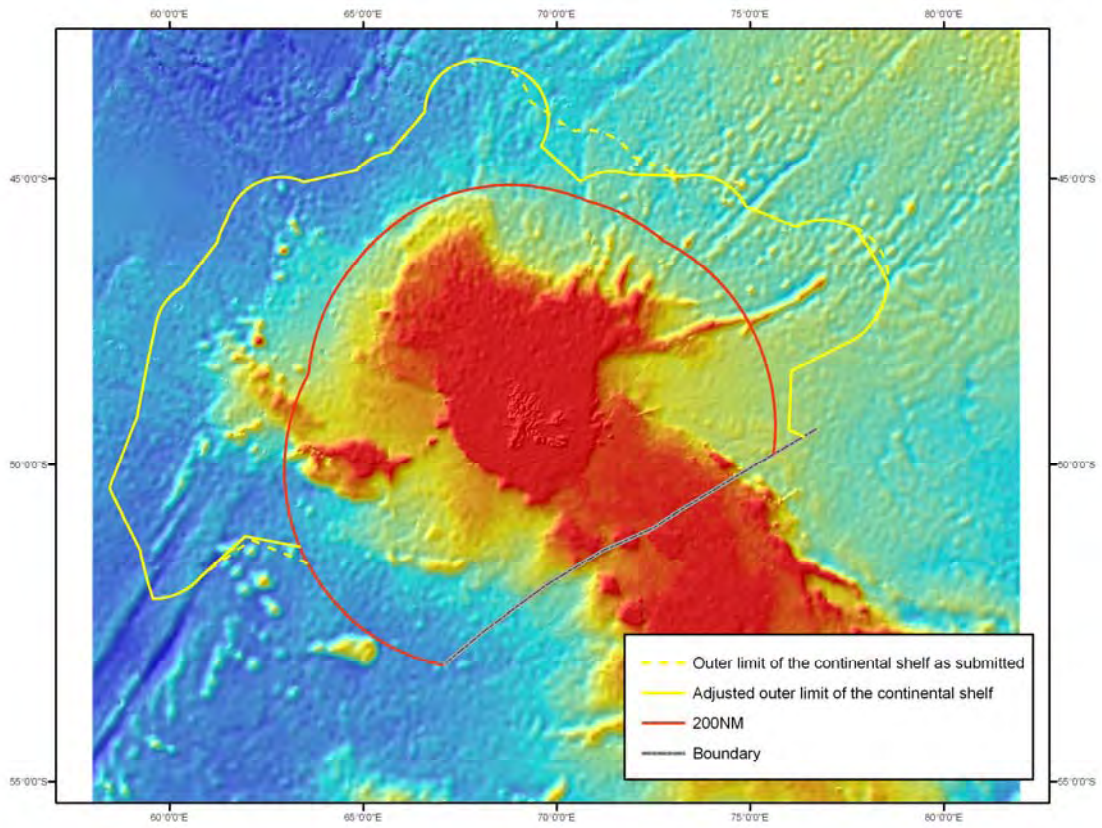


Figure 19. Recommended outer limit of the continental shelf (yellow line)

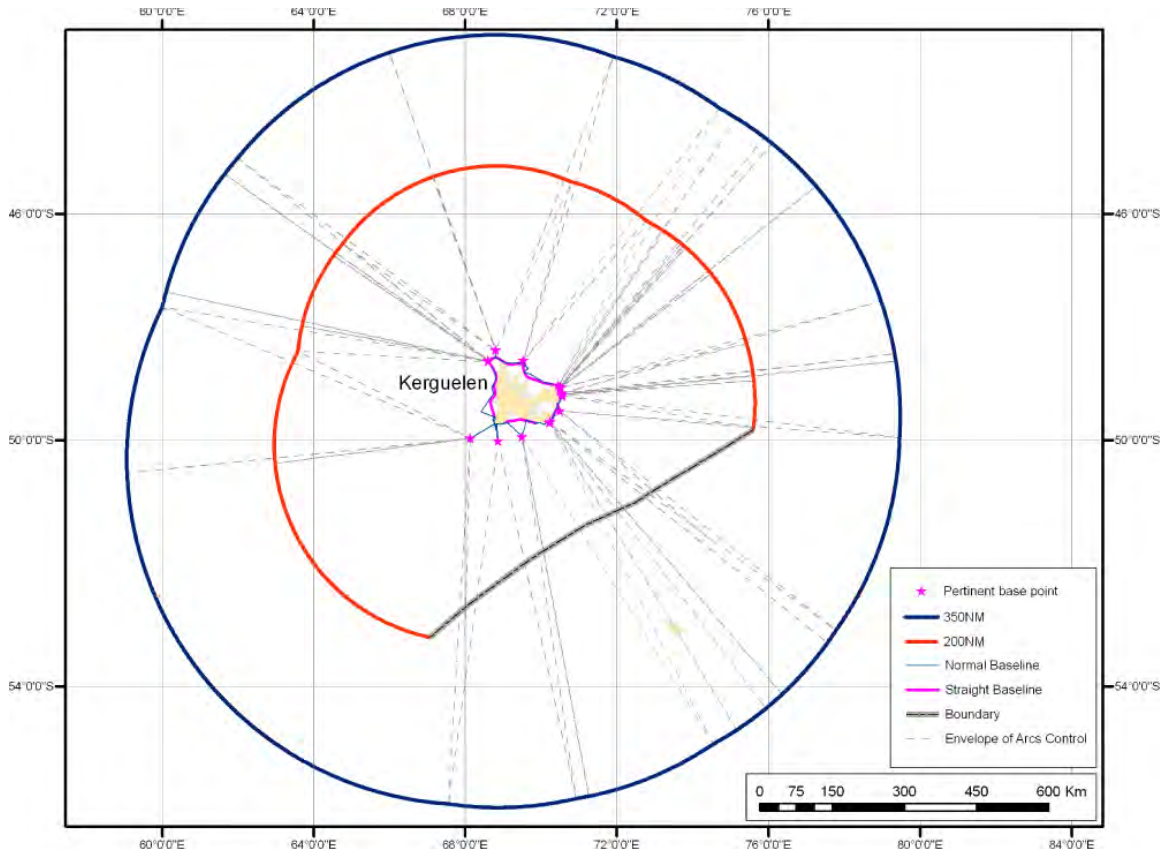


Figure 20. Limits at 200 NM and 350 NM of Kerguelen
 (Source: Part 2 – Main Text – the Kerguelen, page 5-5, Figure 5.22)

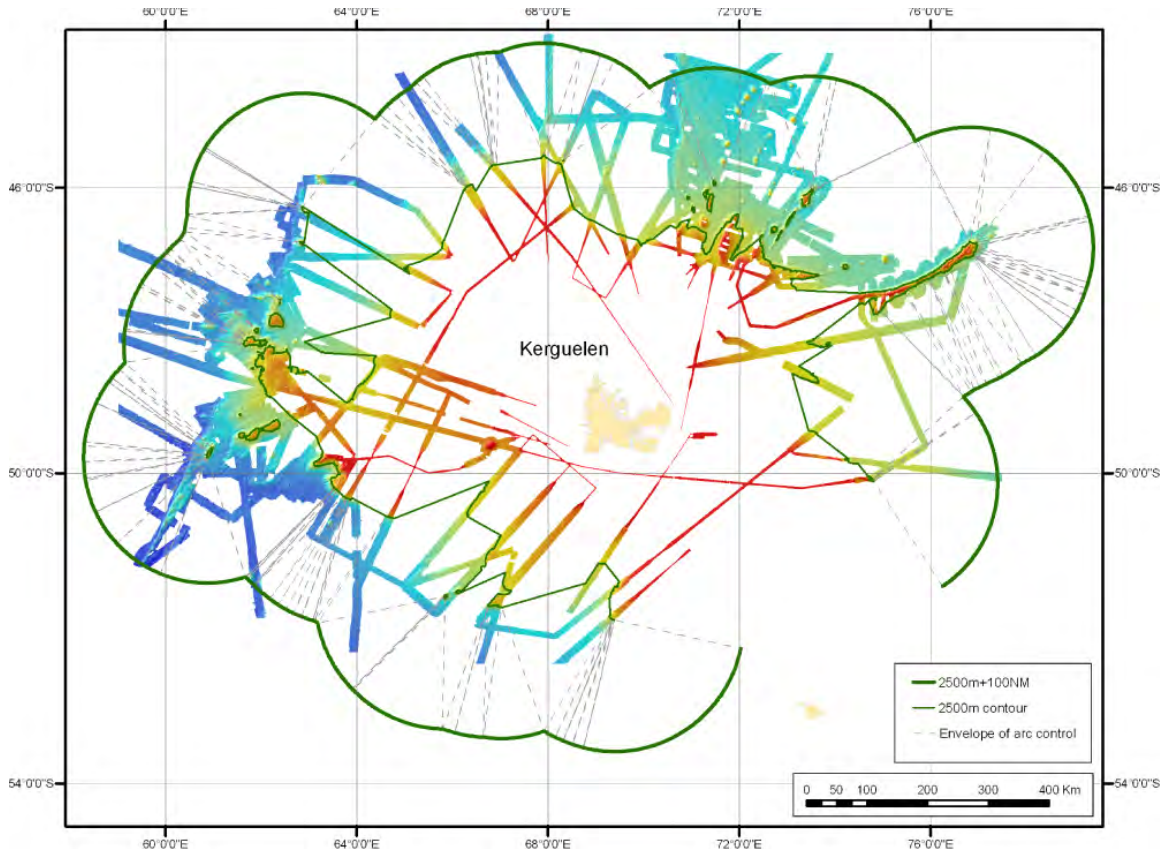


Figure 21. 2500 m isobath and limit line constrained by 2500 m + 100 NM
 (Source: Part 2 – Main Text – the Kerguelen, page 5-12, Figure 5.3)