

## Commission on the Limits of the Continental Shelf

## SUMMARY OF RECOMMENDATIONS OF THE COMMISSION ON THE LIMITS OF THE CONTINENTAL SHELF IN REGARD TO THE SUBMISSION MADE BY ARGENTINA ON 21 APRIL 2009 ${ }^{13}$

Recommendations prepared by the Subcommission established for the consideration of the Submission made by Argentina

Approved by the Subcommission on 21 August 2015
Approved by the Commission, with amendments, on 11 March 2016

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## GLOSSARY OF TERMS

| $\mathbf{2 0 0}$ M line | Line at a distance of 200 nautical miles from the baselines from which the breadth of <br> the territorial sea is measured |
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| $\mathbf{2 , 5 0 0} \mathbf{m}$ isobath | A line connecting the depth of 2,500 metres |
| Article $\mathbf{7 6}$ | Article 76 of the Convention |
| Baselines | Baselines from which the breadth of the territorial sea is measured |
| BOS | Base of the continental slope |
| Commission | Commission on the Limits of the Continental Shelf |
| Convention | Constraint line determined at a distance of 100 M from the 2,500 m isobath |
| Depth constraint | Constraint line determined at a distance of 350 M from the baselines from which the <br> breadth of the territorial sea is measured |
| Distance constraint | Line delineated by reference to fixed points determined at a distance of not more than <br> 60 nautical miles from the foot of the continental slope |
| Distance formula line | Fixed point determined at a distance of not more than 60 nautical miles from the foot of <br> the continental slope |
| Distance formula point | Division for Ocean Affairs and the Law of the Sea, Office of Legal Affairs, United <br> Nations |
| DOALOS | Foot of the continental slope |
| FOS | Scientific and Technical Guidelines of the Commission (CLCS/11 and CLCS/11/Add.1) |
| Guidelines | Nautical mile |
| M | Rules of Procedure of the Commission (CLCS/40/Rev.1) |
| Rules of Procedure | Secretary-General of the United Nations |
| Secretary-General | Line delineated by reference to the outermost fixed points at each of which the <br> thickness of sedimentary rocks is at least 1 per cent of the shortest distance from such <br> point to the foot of the continental slope |
| Sediment thickness <br> formula line <br> formula point | Fixed point at which the thickness of sedimentary rocks is at least 1 per cent of the <br> shortest distance from that point to the foot of the continental slope |

## I. INTRODUCTION

1 On 21 April 2009, Argentina submitted to the Commission on the Limits of the Continental Shelf, through the Secretary-General ${ }^{1}$ of the United Nations, information on the limits of the continental shelf beyond 200 M from the baselines from which the breadth of the territorial sea is measured, in accordance with paragraph 8 of article 76 of the Convention ("Submission") (Figure 1).
The Convention entered into force for Argentina on 31 December 1995.
3 On 1 May 2009, the Secretary-General issued Continental Shelf Notification CLCS.25.2009.LOS to make public the Executive Summary of the Submission in accordance with rule 50 of the Rules of Procedure. Pursuant to rule 51 of the Rules of Procedure, the consideration of the Submission was included in the agenda of the twenty-fourth session of the Commission.
4 Pursuant to section 2 of annex III to the Rules of Procedure, the presentation of the Submission was made to the plenary of the twenty-fourth session of the Commission on 26 August 2009, by Jorge Argüello, Permanent Representative of Argentina to the United Nations, Head of Delegation; Rafael M. Grossi, General Director of Political Coordination, Ministry of Foreign Affairs; Frida M. Armas Pfirter, General Coordinator of the Comisión Nacional del Límite Exterior de la Plataforma Continental (COPLA), and Marcelo Paterlini, Geophysicist. The Delegation of Argentina ("Delegation") also included a number of scientific, legal and technical advisers. In addition to elaborating on substantive points of the Submission, Mr. Grossi indicated that the Submission was a full submission, covering the natural prolongation of Argentina appurtenant to the continent, the islands and the Argentine Antarctic Sector. He noted that, as stated in its note of 21 April 2009, Argentina took into account the circumstances of the region south of $60^{\circ} \mathrm{S}$ and that the Commission could not, in accordance with its Rules of Procedure, take any action, for the time being, with regard to the part of the Submission that related to the continental shelf appurtenant to the Argentine Antarctic Sector. In reference to paragraph 2 (a) of annex I to the Rules of Procedure, he informed the Commission that there was an area that fell under the purview of rule 46 of the Rules of Procedure. In this regard, Argentina asserted "its legitimate and imprescriptible sovereignty over Islas Malvinas, Georgias del Sur and Sandwich del Sur and the corresponding island and maritime areas as they are part of the national territory" and that it expressed reservation over the note verbale from the United Kingdom of Great Britain and Northern Ireland ("United Kingdom") dated 6 August 2009, about which Argentina would later make a timely statement. ${ }^{2} \mathrm{Mr}$. Grossi also stated that Mr. Osvaldo Pedro Astiz, a member of the Commission, ${ }^{3}$ had assisted Argentina by providing scientific and technical advice with respect to the Submission.

5 The Commission then continued its meeting in private. Addressing the modalities for the consideration of the Submission, the Commission took note of the note verbale from the United Kingdom, dated 6 August 2009, and the views expressed in the presentation by Argentina of its Submission in connection with this note verbale. Taking into consideration this note verbale and the presentation made by

[^1]the Delegation, the Commission decided that, in accordance with its Rules of Procedure, it was not in a position to consider and qualify those parts of the Submission that were subject to dispute. The Commission decided that it would instruct the Subcommission, once established in accordance with rule 51, paragraph 4 ter, of the Rules of Procedure, at a future session, to act accordingly.
6 The Commission then took note of the following notes verbales on the issue of the area appurtenant to Antarctica: (a) the note verbale from Argentina dated 21 April 2009; (b) the note verbale from the United Kingdom dated 6 August 2009; (c) the note verbale from the United States of America dated 19 August 2009; and (d) the note verbale from the Russian Federation dated 24 August 2009. The Commission also took note of the views expressed in the presentation made by Argentina of its Submission in connection with these notes verbales. Taking into consideration these notes verbales and the presentation made by the Delegation, the Commission decided that, in accordance with the Rules of Procedure, it was not in a position to consider and qualify the part of the Submission that related to the continental shelf appurtenant to Antarctica. The Commission decided that it would likewise instruct the Subcommission, once established, to act accordingly.
7 At the twenty-fifth session, the Commission took note of the notes verbales from India, dated 31 August 2009, the Netherlands, dated 30 September 2009, and Japan, dated 19 November 2009, related to the Submission.

The Subcommission for the consideration of the Submission made by Argentina was established on 2 August 2012, during the plenary of the thirtieth session of the Commission. The following members of the Commission were appointed as members of the Subcommission: Messrs. Awosika, Carrera, Heinesen, Madon, Marques, Oduro and Park. The Subcommission elected Mr. Carrera as its Chairperson and Messrs. Oduro and Park as its Vice-Chairpersons.

On 7 August 2012, the Delegation submitted a restructured version of part II and III of the Submission. Argentina indicated that the additional materials in the restructured version served to update the materials in the original Submission, dated 21 April 2009, and did not supersede or replace those materials. Argentina further clarified that none of the outer limit points had been modified, but verification data had been added and part of the Submission had been restructured for the purposes of clarity and readability.
On 8 August 2012, the Delegation made a second presentation of the Submission to the Commission, in view of the time elapsed since its first presentation and for the benefit of the members of the Commission newly elected by the twenty-second Meeting of States Parties to the Convention. ${ }^{4}$ The presentation was made by Mateo Estrémé, Chargé d'affaires ad interim of the Permanent Mission of Argentina to the United Nations and Head of Delegation; Frida M. Armas-Pfirter, General Coordinator of the Comisión Nacional del Límite Exterior de la Plataforma Continental; and the following consultants from COPLA: Juan Bautista Allegrino, Yanina Berbeglia, Lucila Dalmau, Edgardo Monteros and Carlos María Urien. The Delegation also included other scientific, legal and technical advisers, including Karl Hinz, a former member of the Commission on the Limits of the Continental Shelf. In addition to elaborating on substantive points of the Submission, Mr. Estrémé informed the Commission that one of its current members, Marcelo Paterlini, had been involved in the preparation of the Submission. ${ }^{5}$ Mr. Estrémé

[^2]noted that, even though the presentation to the thirtieth session contained new elements that were complementary to those included in the original Submission made by Argentina on 21 April 2009, none of the outer limit points had been modified. He also reiterated the position of Argentina, as stated during the presentation to the Commission at its twenty-fourth session, regarding its claims over "Islas Malvinas, Georgias del Sur and Sandwich del Sur and the corresponding island and maritime areas", as well as its reservations to the note verbale from the United Kingdom dated 6 August 2009. Mr. Estrémé noted that, as stated in its note of 21 April 2009, Argentina had taken into account the circumstances of the region south of $60^{\circ} \mathrm{S}$. He, therefore, requested the Commission, in accordance with its Rules of Procedure, not to take any action for the time being with regard to the part of the Submission that related to the continental shelf appurtenant to Antarctica.

11 The Commission then continued its meeting in private. It recalled that at its twenty-fourth session, it had taken note of notes verbales from: Argentina, dated 21 April 2009; the United Kingdom, dated 6 August 2009; the United States of America, dated 19 August 2009; and the Russian Federation, dated 24 August 2009. The Commission also took note of the communications received after the first presentation by Argentina, namely, the notes verbales from: India, dated 31 August 2009; the Netherlands, dated 30 September 2009; Japan, dated 19 November 2009; and Argentina, dated 8 August 2012. Taking into consideration these notes verbales and the two presentations made by the Delegation, the Commission reiterated its instructions, in accordance with the Rules of Procedure, that the Subcommission not consider and qualify those parts of the Submission that were subject to dispute or that related to the continental shelf appurtenant to Antarctica.

12 After its establishment at the thirtieth session, the Subcommission met from 13 to 24 August 2012 to commence its consideration of the Submission. It held four meetings with the Delegation and posed a first set of questions, which were subsequently answered by the Delegation.

13 After the thirtieth session, the Commission received a note verbale from the United Kingdom, dated 24 August 2012, which reaffirmed the views conveyed in its note verbale dated 6 August 2009, with regard to the United Kingdom's "sovereignty over the Falkland Island and over South Georgia and the South Sandwich Island and their respective surrounding maritime areas" and "Argentina's claim to territory in Antarctica".

14 The Subcommission continued its examination of the Submission during the thirty-first, thirty-second, thirty-third, thirty-fourth, thirty-fifth, thirty-sixth, thirty-seventh and thirty-eighth sessions. During these sessions, the Subcommission held a total of 34 meetings with the Delegation in which it made 16 requests for additional data and information in writing and made 12 presentations.

15 During the thirty-eighth session, pursuant to paragraph 10(3) of annex III to the Rules of Procedure, the Subcommission provided the Delegation with a comprehensive presentation of its unanimous views and general conclusions arising from the examination of the Submission. The Delegation also provided its response pursuant to paragraph 10(4) of annex III to the Rules of Procedure.

16 The Subcommission approved its Recommendations by majority on 21 August 2015, and submitted them to the Commission on 25 August 2015 for consideration and approval.
17 The Subcommission presented its recommendations to the Commission on 27 August 2015. On the same day, the Delegation made a presentation to the Commission in accordance with paragraph 15.1 bis of annex III to the Rules of Procedure.

18 The Commission prepared these Recommendations, which were approved on 11 March 2016, taking into consideration article 6 of Annex II to the Convention and the internal procedures and the methodology outlined in the following documents of the Commission: the Rules of Procedure and the Guidelines.

19 The Recommendations of the Commission are based on the scientific and technical data and other material provided by Argentina 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 shall not prejudice matters relating to delimitation of boundaries between States with opposite or adjacent coasts, or prejudice the position of States which are parties to a land or maritime dispute, or application of other parts of the Convention or any other treaties.

20 The Commission makes these Recommendations to Argentina in fulfilment of its mandate as contained in paragraph 8 of article 76 and articles 3 and 5 of Annex II to the Convention.

21 The Commission makes Recommendations to coastal States on matters related to the establishment of the outer limits of their continental shelf in accordance with paragraph 8 of article 76 of the Convention. The limits of the shelf established by a coastal State on the basis of these Recommendations shall be final and binding.
22 Throughout the examination of the Submission, the Subcommission requested and received support from the Division for Ocean Affairs and the Law of the Sea, Office of Legal Affairs.

## II. CONTENTS OF THE SUBMISSION

## A. Original Submission

23 The original Submission received on 21 April 2009 contained three parts: an Executive Summary; a Main Body which is the analytical and descriptive part; and Scientific and Technical Data.
B. Communications and additional material

24 In the course of the examination of the Submission by the Subcommission, the Delegation submitted additional material.

## III. EXAMINATION OF THE SUBMISSION BY THE SUBCOMMISSION

A. Examination of the format and completeness of the Submission

25 Pursuant to paragraph 3 of Annex III to the Rules of Procedure, the Subcommission examined and verified the format and completeness of the Submission.

## B. Preliminary analysis of the Submission

26 Pursuant to paragraph 5, section III of annex III to the Rules of Procedure, the Subcommission undertook a preliminary analysis of the Submission, in accordance with article 76 of the Convention and the Guidelines and determined that:
(i) the test of appurtenance was satisfied by the coastal State in the Río de la Plata Craton passive volcanic continental margin region and the Tierra del Fuego margin region by the application of the two formulae lines, demonstrating that the outer edge of the continental margin extends beyond 200 M;
(ii) the outer limits of the continental shelf were determined by a combination of the distance formula line and the sediment thickness formula line and did not exceed either the depth constraint or the distance constraint;
(iii) appropriate combinations of foot of the continental slope points and constraint lines had been used;
(iv) the construction of the outer limits did contain straight lines not longer than 60 M ;
(v) the advice of a specialist, in accordance with rule 57, or the cooperation of relevant international organizations, in accordance with rule 56, would not be sought; and
(vi) additional time would be required to review all the data and prepare its recommendations for the Commission.

## C. Main scientific and technical examination of the Submission

27 Pursuant to paragraph 9, section IV of annex III to the Rules of Procedure, the Subcommission conducted an examination of the Submission based on the Guidelines and evaluated the following, as applicable:
(i) the data and methodology employed by the coastal State to determine the location of the foot of the continental slope;
(ii) the methodology used to determine the formula line at a distance of 60 M from the foot of the continental slope;
(iii) the data and methodology used to determine the formula line delineated by reference to the outermost fixed points at each of which the thickness of sedimentary rocks is at least 1 per cent of the shortest distance from such point to the foot of the continental slope, or not less than 1 kilometre in the cases in which the Statement of Understanding applies;
(iv) the data and methodology employed in the determination of the 2,500-metre isobath;
(v) the methodology used to determine the constraint line at a distance of 100 M from the 2,500-metre isobath;
(vi) the data and methodology used to determine the constraint line at a distance of 350 M from the baselines from which the breadth of the territorial sea is measured;
(vii) the construction of the formulae line as the outer envelope of the two formulae;
(viii) the construction of the constraint line as the outer envelope of the two constraints;
(ix) the construction of the inner envelope of the formulae and constraint lines;
(x) the delineation of the outer limit of the continental shelf by means of straight lines not longer than 60 M with a view to ensuring that only the portion of the seabed that satisfies all the provisions of article 76 of the Convention and the Statement of Understanding is enclosed;
(xi) the estimates of the uncertainties in the methods applied, with a view to identifying the main source(s) of such uncertainties and their effect on the Submission; and
(xii) whether the data submitted are sufficient in terms of quantity and quality to justify the proposed limits.

## IV. RECOMMENDATIONS OF THE COMMISSION WITH RESPECT TO THE RÍO DE LA PLATA CRATON PASSIVE VOLCANIC CONTINENTAL MARGIN AND THE TIERRA DEL FUEGO MARGIN REGIONS

28 With reference to the classification made in the Guidelines (paragraph 6.2.6) Argentina identified three different continental margin types of its continent and island sectors in its Submission (Figure 2):
(i) passive volcanic continental margin (type "E"), which corresponded to the sector from the boundary with Uruguay to approximately $48^{\circ} \mathrm{S}$;
(ii) sheared continental margin (type " $F$ "), which extended all along the Malvinas Escarpment; and
(iii) combined continental margin (accretionary convergent + sheared margin, type "A +F "): located from the South of the Grande de la Tierra del Fuego Island and De los Estados Island in the west, up to the Georgias del Sur Islands in the east.

29 The present Recommendations cover two specific regions of the Argentine margin (see Figure 3):
(i) the northern region of the Argentine Atlantic margin sector, referred to in the Submission as the Río de la Plata Craton passive volcanic continental margin region; and
(ii) the westernmost sector of the combined continental margin to the south, covering the Tierra del Fuego margin region.

## A. RÍO DE LA PLATA CRATON PASSIVE VOLCANIC CONTINENTAL MARGIN REGION

## 1. Geographical and geological description of the region

### 1.1 Introduction

30 The tectonic configuration of the Argentine continental margin and the South Atlantic Ocean resulted from the interaction of many tectonic blocks that resulted in the development of sea-floor spreading systems between South America, Africa and Antarctica. (Figure 4).

### 1.2 Río de la Plata Craton passive volcanic continental margin region

31 According to Argentina, the Río de la Plata Craton passive volcanic continental margin region extends from the boundary with Uruguay at about $35^{\circ} \mathrm{S}$, to about $45^{\circ} \mathrm{S}$, or to the Colorado Transfer Fracture Zone. The continental margin in this region varies in width from about 550 km by the Río de la Plata in the north, increasing toward the south to about 1,000 km off the San Jorge Gulf (Main Body, chapter IV, paragraphs 5 and 79).
32 The opening phase of the South Atlantic Ocean, with the oceanic crust formation, began in the Lower Cretaceous starting in the south (approximately $49^{\circ} \mathrm{S}$ ) and gradually shifting north. The estimated age for the opening between Argentina-

Uruguay and South Africa-Namibia ranges between 126 and 137 Ma. (Main Body, chapter IV, paragraph 557).

33 The rifting and opening of the South Atlantic Ocean occurred with the fragmentation of sections shorter than 400 km , limited by transfer fracture zones due to previous strike-slip faults (Figure 5). Extensional fractures generated semigrabens with a significant tectonic subsidence where rift basins gathered and developed, in addition to a basement high in the outer portion of the margin (Main Body, chapter IV, paragraph 558).

34 In the Río de la Plata Craton passive volcanic continental margin region, Argentina summarized some structural characteristics in this region as follows (Main Body, chapter IV, paragraph 573) (see also Figure 5 and Figure 6):
(i) The continental crust basement is structured by extensional (listric) faults, which run both perpendicular and parallel to the margin.
(ii) The perpendicular to slightly oblique fracture associations define aborted rift systems or aulacogens.
(iii) The continental basement is affected by large transfer fracture zones that are both perpendicular and oblique to the margin.
(iv) There is a major volcanic wedge that can be seen on seismic data as convex seaward dipping reflectors (SDRs). They represent a phase of an extrusive and intrusive magmatism during the continental break-up and tectonic subsidence in the early phase of rifting.
(v) Intrusions of magmatic material in the lower part of the crust by underplating, resulted in a high-velocity lower crustal body with a seismic velocity of 7.2 to $7.6 \mathrm{~km} / \mathrm{s}$.
(vi) Recent tectonic features are directly conditioned by the major structures defined above, which result from the previous geodynamic evolution, including the continental break-up and oceanic opening, the magmatic activity and thermal flow.
35 The margin has undergone significant developments of its main morphological features, such as the shelf, the continental slope and rise. There are numerous submarine canyon systems crossing both the continental slope and the rise (Main Body, chapter IV, paragraph 10).
36 The different segments of the margin in this region, as described below, have different regional morphosedimentary characteristics and coincide, in part, with the tectonic segments defined by the transfer fracture zones (Main Body, chapter IV, paragraph 57).

37 Along-slope processes associated with Antarctic water masses at different depths led to the development of an extensive and complex Contourite Depositional System in the southernmost segments of this region (Segment I and the southern part of Segment II; Figure 7), which defines a terraced continental slope and the absence of continental rise. In contrast, across-slope processes prevail in the central (Segment III and the northern part of Segment II) and northern (Segment IV) areas of the margin, between approximately $35^{\circ}$ and $44^{\circ} \mathrm{S}$, conditioning a progradational thick margin characterized by a well-defined continental rise where turbiditic deposits are developed (Main Body, chapter IV, paragraph 56) (Figure 8).
2. The determination of the foot of the continental slope (paragraph 4(b) of article 76)

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

### 2.1 Considerations

39 With respect to the Río de la Plata Craton passive volcanic continental margin region, Argentina initially submitted twelve FOS points (FOS-01 to FOS-12). Eight of those points (FOS-01 to FOS-08), located in the northern part of that margin, were determined by evidence to the contrary. The remaining four FOS points in the southern part of that same margin (FOS-09 to FOS-12) were determined by maximum change in the gradient at the base of the continental slope (Figure 9).

### 2.1.1 Foot of the continental slope points by means of evidence to the contrary

40 The Subcommission examined the evidence to the contrary in determining the foot of the continental slope in the Río de la Plata Craton passive volcanic continental margin region.

41 In its Submission, Argentina considered the Río de la Plata Craton continental margin as a passive volcanic continental margin which was classified as 'type E' in the Guidelines. This type of margin is characterized by the presence of a wedge of seaward-dipping reflectors.
42 Argentina also stated that "The morphology of the Argentine [Río de la Plata] margin is very complex as can be seen on [this map]. It includes a constant curvature slope (which makes it extremely difficult to define the point of maximum change in gradient), but it also includes constant curvature slopes overprinted by erosional features, which create a series of local points of maximum change in gradient. So the maximum maximorum is not always indicative of the Foot of the Slope at its base. Therefore Argentina invoked evidence to the contrary for eight FOS points..." (Presentation to the Subcommission on 14 August 2012). Argentina provided geological and geophysical data and information in its justification for applying evidence to the contrary.

43 The crustal structure and geological characteristics of the passive volcanic continental margin were illustrated by Argentina based on seismic data and a 2D gravity model (Main Body, chapter 5, figure F.V.137) (Figure 10). The model shows the presence of a volcanic wedge with SDRs, a high-velocity magmatic body beneath the SDR wedge, and the change in crustal thickness from 'normal' continental thicknesses ( $>25 \mathrm{~km}$ ) to oceanic (about 5 km ). Such features are characteristic of a type $E$ passive volcanic continental margin described in the Guidelines (Figure 11) for the purposes of determining the location of the foot of the continental slope. Argentina referred to paragraph 6.3.11 of the Guidelines stating that, in this type of margin, the landward limit of the continent-ocean transitional zone might be considered by the Commission as an equivalent of the foot of the continental slope (Figure 11).

44 The presence of the SDR wedge on the margin is a key factor in the application of evidence to the contrary, for a 'type E' passive volcanic continental margin, hence Argentina provided a map to show the approximate extent of the SDR region based on the interpretation of multichannel seismic data (Figure 12). On this map, the foot of the continental slope points as determined based on morphology are located towards the landward edge of the seaward-dipping reflector sequence. Since the foot of the continental slope normally occurs towards the seaward limit of the SDR wedge, in the view of Argentina this indicated that the points of maximum change
in the gradient may not represent the foot of the continental slope. This has led Argentina to invoke evidence to the contrary to the general rule.
45 The Subcommission considered all the geological and geophysical data and information and agreed that the Río de la Plata Craton passive volcanic continental margin was a 'type E' passive volcanic continental margin with a characteristic seaward-dipping reflector sequence. It also agreed with Argentina that the morphological complexity of the margin, due to the interaction of along-slope (contour currents) and downslope (gravity currents), have resulted in either local points of maximum change in the gradient or constant curvature of slopes. These features have rendered the location of FOS points by means of the maximum change in the gradient to be unreliable in some cases. Thus, the application of evidence to the contrary was well justified. For each of the FOS points determined by evidence to the contrary, Argentina also provided, in accordance with the Guidelines, the foot of the continental slope determined by means of the maximum change in the gradient.
46 Where evidence to the contrary to the general rule was invoked, the Subcommission examined the methodology applied by Argentina, i.e. which specific criteria were used in the determination of the base and foot of the continental slope, in compliance with the Guidelines. It was the view of the Subcommission that, for the purpose of implementing evidence to the contrary to the general rule of article 76 paragraph 4(b), a set of criteria had to be applied in a consistent manner along the margin.
47 The Subcommission noted that the foot of the continental slope points determined by Argentina by means of evidence to the contrary (see Figure 13 for the location of all the FOS points) were based on the following:

- Article 76 paragraph (4)(b), and chapter 6 of the Guidelines, in particular paragraphs 6.3.11 and 6.4.1.
- This part of the continental margin of Argentina is classified as a passive volcanic continental margin (type E) in accordance with paragraphs 6.2.6(b)(ii), 6.3.11, 6.3.12, 6.3.13, and Figure 6.1 E of the Guidelines.
- The identification of the location of the last unequivocally identifiable seaward dipping reflector in the SDR sequence in the acoustic basement for FOS-01B, FOS-02, FOS-02B, FOS-03, FOS-04, FOS-04B, FOS-05, FOS-06, FOS-07 and FOS-08.
- The end of the SDRs wedge for FOS-01.

48 The Subcommission considered the submitted FOS points by examining in detail the data and information contained in the Submission, which included, for example, reflection seismic data, in both interpreted and un-interpreted forms, showing the location of the SDR wedge. In addition to these data, Argentina also provided information on special seismic processing and interpretation methodologies, namely the Common Reflection Surface (CRS) processing, Técnica Volume de Amplitudes (TecVA), and the Horizon Cube Method.
49 On 5 November 2013, the Subcommission conveyed further views to Argentina regarding the criteria to be applied for establishment of a foot of the continental slope based on evidence to the contrary:

- the base and foot of the continental slope should not be located seaward of the region where the SDR sequence terminates;
- the base and foot of the continental slope should not be located seaward of the region where the thickness of the crust reduces to typical oceanic crustal values further seaward; and
- the specific seaward dipping reflector chosen as the 'last unequivocally identifiable seaward dipping reflector' at the end of the SDR sequence should be of sufficient coherency and impedance.

50 As recommended in the Guidelines, the Subcommission also examined other geological and geophysical data provided in the Submission (Main Body, chapter III), as additional evidence for the position of the continent-ocean transition (COT) zone, which include, for example, gravity and magnetic anomalies (see also Figure 5).
51 With respect to foot of the continental slope points FOS-03, -05, -06, and -07 (Figure 13), the Subcommission examined all the evidence based on the Guidelines and the methodology employed by Argentina and agreed with the location of these foot of the continental slope points, as submitted. The minority view was that the general rule was applicable for FOS-07 and also for FOS-01, -02 and -08 .

52 With respect to foot of the continental slope point FOS-04 on seismic line ARG-08, the Subcommission found that the seaward dipping reflector identified by Argentina lacked the coherency and strength to be the 'last identifiable reflector'. An alternative location for FOS-04 on the same seismic line was proposed by the Subcommission. In response, Argentina provided an alternative point, FOS-04B, located on line ARG-34, which intersected line ARG-08. The Subcommission did not accept the location of FOS-04B, but suggested an alternative location at shotpoint 3104. After further consideration, Argentina agreed on the alternative location suggested by the Subcommission for FOS-04 at shotpoint 675 on line ARG-08.

53 With respect to foot of the continental slope point FOS-08, the Subcommission did not agree with the proposed location on line ARG-15 because it was positioned outside the region of well-developed SDRs. An alternative FOS point provided by Argentina was also, in the view of the Subcommission, not sufficiently coherent or clear to be the "last unequivocally identifiable reflector' of the SDR sequence. At a meeting held on 30 October 2013, Argentina requested the Subcommission not to consider FOS-08 as a critical FOS point for the establishment of its outer continental margin and proposed that FOS-08 be replaced with FOS-09 on line ARG-19, which was determined by maximum change in the gradient. According to Argentina, FOS-09 would then also be used to determine the sediment thickness point ST-08.

54 With respect to foot of the continental slope point FOS-01, the Subcommission noted that the criteria used to locate FOS-01 on seismic line ARG-02 were not consistent with the criteria applied for FOS-02 to -08, and were not provided for in the Guidelines. Whereas all other FOS points were determined based on the "last unequivocally identifiable SDR", FOS-01 was determined at a basement escarpment feature that Argentina interpreted as representing the seaward limit of the SDR wedge. In support of its arguments, Argentina provided an additional location FOS-01B located on seismic line A. In its consideration of FOS-01B, the Subcommission examined seismic lines ARG-01, ARG-201 and ARG-33 adjacent
to seismic lines A and ARG-02. The Subcommission also referred to an interpretation of seismic line ARG-01, published by Soto et al. (2010), as well as the tectonic model by Franke et al. (2010), presented by Argentina on 1 November 2013, which clearly differentiated the SDR sequences from an adjacent zone of flat-lying lava flows further seaward. The tectonic model also made reference to the upper crustal reflection (UCR) underlying the zone of flatlying lava flows. The Subcommission was of the view that the proposed locations of FOS-01 and FOS-01B based on evidence to the contrary were beyond the region where the SDR sequences terminated and the flat-lying lava flows region begin. After further consideration of additional data, including the results of CRS, TecVA and Horizon Cube processing, the Subcommission did not agree with the locations of FOS-01 and FOS-01B.

55 With respect to foot of the continental slope point FOS-02, the Subcommission did not agree with the proposed location on seismic line ARG-04. Argentina submitted additional material on 4 November 2013, in which it introduced, as an additional, FOS-02B on seismic line ARG-05, also determined by means of evidence to the contrary. The Subcommission examined FOS-02B according to the criteria used in all the other lines. It also examined adjacent seismic lines provided in the Submission, particularly line ARG-04. As in the examination of FOS-02, the same geological and geophysical considerations related to the tectonic models were applied, i.e. the FOS point based on evidence to the contrary should not be located beyond the region where the SDR sequences terminated and the flat-lying lava flows region began. The Subcommission, therefore, did not agree with the proposed locations of FOS-02 and FOS-02B and suggested an alternative point where a much clearer SDR intersected with the top of basement reflector. Subsequently, Argentina re-submitted FOS-02B as an additional foot of the continental slope point determined by means of the maximum change in the gradient along the seismic line ARG-05. The Subcommission accepted FOS-02B determined by means of the general rule.
56 In conclusion, the Subcommission agreed by majority with the determination of the foot of the continental slope points FOS-03, FOS-04, FOS-05, FOS-06, and FOS-07 based on the application of evidence to the contrary to the general rule in the Río de la Plata Craton passive volcanic continental margin region of Argentina, in accordance with paragraph 4(b) of article 76 and with the paragraphs 6.2.6(b)(ii), 6.3.11, 6.3.12, 6.3.13, and Figure 6.1E of the Guidelines.

### 2.1.2 Foot of the continental slope points by maximum change in the gradient

57 The foot of the continental slope points determined by means of maximum change in the gradient at its base in the Río de la Plata Craton passive volcanic continental margin region include (Figure 9):

FOS-09 - Seismic / Bathymetric Line ARG-19;
FOS-10 - Seismic / Bathymetric Line ARG-20;
FOS-11 - Seismic / Bathymetric Line ARG-22; and
FOS-12 - Seismic / Bathymetric Line ARG-23.
58 As described in paragraph 56, above, Argentina subsequently submitted FOS-02B, an additional foot of the continental slope point determined by means of the maximum change in the gradient along the seismic line ARG-05, and reintroduced FOS-13 on seismic line ARG-25.

Argentina identified the base of the continental slope on a morphological basis and determined the foot of the continental slope points FOS-02B, FOS-09, FOS-10, FOS-11, FOS-12 and FOS-13 as follows:

- The application of maximum change in the gradient at its base, in accordance with paragraph 4(b) of article 76 , and chapter 5 of the Guidelines;
- $\quad$ The methodology described by the Commission in paragraphs 5.1.3, 5.3.1, 5.4.4, 5.4.5, 5.4.6, and 5.4.7 of the Guidelines; and
- The BOS region was first identified according to morphological criteria, with the aid of the first derivative and then the FOS point determined by means of the maximum change in the gradient using the second derivative. The identification of the base and the determination of the foot of the continental slope were based on the analyses of gradients assisted by morphosedimentary analyses. These results were then compared and confirmed by the application of the Douglas-Peucker filter.

60 The Subcommission considered the determination of the base and the foot of the continental slope point FOS-02B, FOS-09, FOS-10, FOS-11, and FOS-12. The determination of these FOS points was achieved by means of gradient analyses, morphosedimentary analysis, maximum change in the gradient at its base, and the application of the Douglas Peucker filter as a means of verification.

61 The Subcommission also considered the determination of the base and the foot of the continental slope point FOS-13 along seismic line ARG-25. The determination of this FOS point was achieved by means of the maximum change in the gradient at its base and a morphosedimentary analysis.

62 In response to a request for clarification posed by the Subcommission, the Delegation submitted an additional foot of the continental slope point FOS-13B on 18 August 2015. The Subcommission considered the determination of the base and the foot of the continental slope point FOS-13B along seismic line ARG-25. The consideration of the information available for both FOS-13 and FOS-13B led the Subcommission to agree with the determination of the base and the foot of the continental slope point FOS-13 along seismic line ARG-25.

63 In summary, the Subcommission agreed with the methodology and the determination of the base and the foot of the continental slope points FOS-02B, FOS-09, FOS-10, FOS-11, FOS-12, and FOS-13 based on the application of maximum change in the gradient assisted by morphosedimentary analyses.

64 Table 1 shows the complete list of FOS points considered and accepted by the Subcommission.

### 2.2 Recommendations

65 Based on its consideration of the technical and scientific documentation contained in the Submission of Argentina and the additional scientific and technical data and information provided in documents referred to in paragraph 25 above, the Commission concludes that, in the Río de la Plata Craton passive volcanic continental margin region, the FOS points listed in Table 1, fulfil the requirements of article 76 and 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 Río de la Plata Craton passive volcanic continental margin region.
3. The establishment of the outer edge of the continental margin (paragraph 4(a) of article 76)

66 There is a single continuous segment of the outer edge of the continental margin in the Río de la Plata Craton passive volcanic continental margin region.

67 The outer edge of the continental margin of Argentina in the Río de la Plata Craton passive volcanic continental margin region, for the purposes of the Convention, was submitted by Argentina in the Submission on 21 April 2009 and amended on 19 August 2015, in accordance with paragraphs 4 and 7 of article 76 of the Convention.

### 3.1 The application of the $\mathbf{6 0} \mathbf{M}$ distance formula (paragraph 4(a)(ii) of article 76)

68 The outer edge of the continental margin is partly based on an arc determined at a distance of not more than 60 M from a FOS point of the Río de la Plata Craton passive volcanic continental margin region, in accordance with the provision contained in paragraph 4(a)(ii) of article 76 of the Convention.

69 Argentina described the methodology to determine the distance formula line in the Main Body of the Submission, and submitted the distance formula line from FOS-13 as additional data and information on 18 August 2015.
70 The Subcommission agreed with the methodology for the determination of the distance formula line described in the Main Body, and its determination from the foot of the continental slope point FOS-13, as submitted by Argentina.

### 3.2 The application of the 1 per cent sediment thickness formula (paragraph 4(a)(i) of article 76)

71 In the Río de la Plata Craton passive volcanic continental margin region, Argentina submitted 13 fixed points based on the sediment thickness formula of paragraph 4(a)(i) of article 76 of the Convention utilizing FOS points FOS-01 through -12 (Figure 14). Argentina established these sediment thickness formula points ST-01, $-02,-03,-04,-05,-06,-07,-08,-09,-10,-11,-12$ and -13 based on the seismic lines ARG-02, -04, -06, -07, -09, -11, -12, -15, -19, -20, -22, -23 and -25 , respectively.

72 As described above in paragraphs 56 and 62, Argentina submitted for consideration additional FOS points, FOS-02B and FOS-13, and corresponding sediment thickness points, ST-02B and ST-13, respectively.
73 In its consideration of the 1 per cent sediment thickness formula line, the Subcommission examined the data and information with respect to sediment continuity, namely the seismic evidence of the continuity between the sediments at each of the outermost sediment thickness fixed points and the sediments at the foot of the continental slope. The Subcommission examined all the seismic profiles on which the sediment thickness fixed points (ST-02B to ST-13) were located, and noted that they showed a continuous prism of sediment along and across the margin and satisfied the criterion of sediment continuity, as outlined in paragraph 8.5.3(b) of the Guidelines, which is consistent with the past practice of the Commission. ${ }^{6}$

74 In addition, Argentina in its Submission provided a map of sediment thickness of the Atlantic margin based on the interpretation of seismic data (Figure 14). The Subcommission was satisfied that all the sediment thickness formula points were connected by a continuous sedimentary layer to the FOS across the entire margin.

[^3]75 The Subcommission also examined the methodology employed by Argentina in estimating the sediment thickness at the submitted sediment thickness fixed points. Argentina used pre-stack depth-migrated seismic sections, generated using industry-standard algorithms, for the determination of sediment thickness. The basement was clearly identified on the seismic profiles and was considered to represent the base of the sedimentary rocks (Figure 15). The basement 'picks' on all the seismic profiles were verified as correct by the Subcommission.
76 In the Main Body, Argentina calculated sediment thickness based on the difference between the depth to basement determined from seismic reflection data and the seabed depth from echo sounding measurements. The Subcommission was of the view that this method was not in accordance with the relevant paragraphs of the Guidelines relating to the geophysical techniques applicable for sediment thickness estimation (section 8.2). In a presentation on 28 August 2014, the Subcommission requested that Argentina recalculate the sediment thickness based on seismic reflection data only, whereby the seabed depth and the depth to basement were determined from the same seismic reflection line.
77 On 17 February 2015, Argentina submitted data and information related to sediment thickness calculated using seismic reflection data only. It also updated the positions of the relevant sediment thickness formula points. The Subcommission examined and verified those points and accepted them with minor modifications. This was conveyed in a letter to Argentina dated 20 March 2015. The Subcommission was satisfied that the sediment thickness estimation was sufficient to fulfil the requirement of not less than 1 per cent as provided for in the Convention. Table 2 shows the list of sediment thickness fixed points considered and accepted by the Commission.

### 3.3 Configuration of the Outer Edge of the Continental Margin

78 Argentina included the outer edge of the continental margin in the Main Body of the Submission. The outer edge of the continental margin was determined by reference to sediment thickness points ST-01 to ST-13 in the Main Body of the Submission (Figure 16).
79 Argentina submitted, on 19 August 2015, a re-determined outer edge of the continental margin by means of the outer envelope of the sediment thickness formula line determined from fixed points ST-02B to ST-13, as measured from FOS-02B to FOS-12 (see Table 2), and the distance formula line determined from FOS-13 (Figure 17).

80 The Subcommission agreed with the determination of the outer edge of the Río de la Plata Craton passive volcanic continental margin region submitted by Argentina on 19 August 2015.

### 3.4 Recommendations

81 In the Río de la Plata Craton passive volcanic continental margin region, the outer edge of the continental margin beyond 200 M is based on points determined by both the distance and sediment thickness formulae, as described in sections 3.1 and 3.2, in accordance with paragraph 7 of article 76 of the Convention (Figure 17). The Commission recommends that the combined formulae line contained in the additional materials submitted on 19 August 2015 be used as the basis for delineating the outer edge of the continental margin in this region. The Commission recommends that this line be used as an element for delineating the outer limits of the continental shelf in this region.
4. The application of the constraint criteria (paragraphs 5 and 6 of article 76)

82 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 paragraphs 5 and 6 of article 76 of the Convention. The fixed points comprising the line of the outer limits of the continental shelf on the seabed, drawn in accordance with paragraph 4(a)(i) and (ii), either shall not exceed 350 nautical miles from the baselines from which the breadth of the territorial sea is measured, or shall not exceed 100 nautical miles from the 2,500 metre isobath, which is a line connecting the depth of 2,500 metres.

83 For the outer limits of the continental shelf in the Río de la Plata Craton passive volcanic continental margin region, Argentina invoked a combination of the depth and distance constraints.

### 4.1 The construction of the distance constraint line

84 The distance constraint line submitted by Argentina in the Submission was constructed by arcs determined at a distance of 350 M from the baselines from which the breadth of the territorial sea of Argentina is measured (Figure 18).
85 The Subcommission agreed with the procedure and its accuracy by which the constraint line at a distance of 350 M from the baselines from which the breadth of the territorial sea had been determined, taking into consideration the additional data and information provided by Argentina on 18 August 2015.

### 4.2 The construction of the depth constraint line

86 The depth constraint line submitted by Argentina in the Main Body was based on the $2,500 \mathrm{~m}$ isobath (Figure 19).
87 The Subcommission agreed with the procedure and accuracy by which the $2,500 \mathrm{~m}$ isobath and the depth constraint at a distance of 100 M from it had been determined by taking into consideration the additional multibeam echosounding data and information provided by Argentina on 6 February 2014 (Figure 20).

### 4.3 The construction of the combined constraints line

88 In the Río de la Plata Craton passive volcanic continental margin region, Argentina applied a constraints line based on the combination of lines constructed by the application of both the distance and depth constraints contained in paragraph 5 of article 76 of the Convention (see sections 4.1 and 4.2 above). The Commission agrees with the methodology applied by Argentina to determine this combined constraints line in the Río de la Plata Craton passive volcanic continental margin region (Figure 21).
89 The Subcommission agreed with the determination of the combined constraints line as submitted by Argentina on 18 August 2015.
5. The outer limits of the continental shelf (paragraph 7 of article 76)

90 The outer limits of the continental shelf in the Río de la Plata passive volcanic continental margin result from the application of the combined constraints line, determined according to paragraph 89, to the outer edge of the continental margin, determined according to paragraph 82. The outer limits of the continental shelf consist of fixed points connected by straight lines not exceeding 60 M in length. The Subcommission agreed with the determination of the outer limit defined by fixed points submitted on 19 August 2015, which are listed in Table 3, Annex I. The
outer limit of the continental shelf, in the region that was considered, consists of fixed points RA-02B to RA-481 connected by straight lines in accordance with article 76 of the Convention. (Figure 22)

## 6. Recommendations for the Río de la Plata Craton passive volcanic continental margin region (paragraph 8 of article 76)

91 The Commission recommends that the delineation of the outer limits of the continental shelf in the Río de la Plata Craton passive volcanic continental margin 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. Further, the Commission agrees with the methodology applied in delineating the outer limits of the continental shelf in the Río de la Plata Craton passive volcanic continental margin region, including the determination of the fixed points listed in Table 3, Annex I, and the construction of the straight lines connecting those points. The Commission recommends that Argentina proceeds to establish the outer limits of the continental shelf from fixed point RA-02B to fixed point RA-481.

## B. TIERRA DEL FUEGO MARGIN REGION

## 1. Geographical and geological description of the region

### 1.1 Tierra del Fuego margin region

92 The Tierra del Fuego margin region is the westernmost part of what is referred to in the Submission as the "combined continental margin" located to the south of Grande de la Tierra del Fuego Island.

93 Argentina explained that the combined continental margin was developed by a combination of convergence and shearing since the Oligocene and begins at the Tierra del Fuego Spur located in the southern tip of the shelf of the Grande de la Tierra del Fuego Island region in the northwestern corner of the Scotia Sea. From the Tierra del Fuego Spur, the margin continues to the north and east towards the De los Estados Island (Figure 23).

94 According to Argentina (paragraph 43, Main Body, Chapter IV-Parte-Norte), the NW-SE trending Tierra del Fuego Spur, has the elements of a continental crust. It has a length of 135 km , a width of between 50 and 25 km , and slopes of $65^{\circ}$ towards the west and $45^{\circ}$ towards the east. The Spur divides the margin of south of Grande de la Tierra del Fuego Island into two sectors: the southwestern sector, of a "convergent" or "subduction" type; and the southeastern sector, of a "combined" type.
2. The determination of the foot of the continental slope (paragraph 4(b) of article 76)

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

### 2.1 Considerations

96 FOS-49 is the only FOS point which generates distance formula points beyond the 200 M lines of Argentina in the Tierra del Fuego margin region. FOS-49 is located on the Tierra del Fuego Spur. Argentina showed that the Tierra del Fuego Spur lies within the base of the continental slope which is at a depth of approximately $4,500 \mathrm{~m}$ where the continental slope of the Tierra del Fuego margin region directly
merges with the deep ocean floor of the Scotia Sea (Main Body, chapter V, figure F.V.144). The Subcommission was therefore satisfied that the Tierra del Fuego Spur is a natural prolongation of the Argentine continental margin.
97 The Subcommission agreed with the identification of the base of the continental slope region around the Tierra del Fuego Spur and with the determination of foot of the continental slope point FOS-49 along bathymetric line ARG-87 by means of maximum change in the gradient.

### 2.2 Recommendations

98 Based on its consideration of the technical and scientific documentation contained in the Submission of Argentina and the additional information provided in documents referred to in paragraph 25 above, the Commission concludes that, in the Tierra del Fuego margin region, the foot of the continental slope point FOS-49 fulfils the requirements of article 76 and Chapter 5 of the Guidelines. The Commission recommends that this FOS point should form the basis for the establishment of the outer edge of the continental margin in the Tierra del Fuego margin region.
3. The establishment of the outer edge of the continental margin (paragraph 4(a) of article 76)

99 There is a single segment to the outer edge of the continental margin in the Tierra del Fuego margin region. (Figure 24).

100 The outer edge of the continental margin of Argentina in the Tierra del Fuego margin region should, for the purposes of the Convention, be established in accordance with paragraphs 4 and 7 of article 76 of the Convention.

### 3.1 The application of the 60 M distance formula (paragraph 4(a)(ii) of article 76)

101 In the Tierra del Fuego margin region, the outer edge of the continental margin is based on fixed points on an arc constructed at a distance of not more than 60 M from a FOS point on the continental margin of Tierra del Fuego margin region, in accordance with the provision contained in paragraph 4(a)(ii) of article 76 of the Convention.

102 The outer edge of the continental margin established in the Tierra del Fuego margin region is based on fixed points derived from the 60 M distance formula line utilising FOS-49 located on the continental margin of Tierra del Fuego.

103 The Commission agrees with the procedure and accuracy by which these points were established by Argentina in the Tierra del Fuego margin region.

### 3.2 Configuration of the Outer Edge of the Continental Margin

104 In the Tierra del Fuego margin region, the outer edge of the continental margin is equivalent to the distance formula line. Argentina did not apply the sediment thickness formula.

### 3.3 Recommendations

105 In the Tierra del Fuego margin region, the outer edge of the continental margin beyond 200 M is based on points determined on the 60 M formula arcs, in accordance with paragraph 7 of article 76 of the Convention (Figure 24). The Commission recommends that the points on this arc can be used as the basis for delineating the outer limits of the continental shelf in this region.
4. The application of the constraint criteria (paragraphs $5 \& 6$ of article 76)

106 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 paragraphs 5 and 6 of article 76 of the Convention. The fixed points comprising the line of the outer limits of the continental shelf on the seabed, drawn in accordance with paragraph 4(a)(i) and (ii), either shall not exceed 350 nautical miles from the baselines from which the breadth of the territorial sea is measured, or shall not exceed 100 nautical miles from the 2,500 metre isobath, which is a line connecting the depth of 2,500 metres.

107 For the outer limits of the continental shelf in the Tierra del Fuego margin region, Argentina has invoked the distance constraint.

### 4.1 The construction of the distance constraint line

108 The distance constraint line submitted by Argentina is constructed by arcs at 350 M distance from the baselines from which the breadth of the territorial sea of Argentina is measured (Figure 25). The Commission agrees with the procedure and accuracy applied by Argentina in the construction of this constraint line.

### 4.2 The construction of the combined constraints line

109 In the Tierra del Fuego margin region, Argentina has applied a combined constraint line based solely on the distance constraint.
5. The outer limits of the continental shelf (paragraph 7 of article 76)

110 The outer limits of the continental shelf in the Tierra del Fuego margin region result from the application of the combined constraints line determined according to paragraph 110 to the outer edge of the continental margin, determined according to paragraph 105. The outer limits of the continental shelf consist of fixed points connected by straight lines not exceeding 60 M in length. The Subcommission agreed with the determination of the outer limit defined by fixed points submitted on 19 August 2015, which are listed in Table 4, Annex I. The outer limit of the continental shelf consists of fixed points RA-3458 to RA-3840 connected by straight lines in accordance with article 76 of the Convention (Figure 26).
6. Recommendations for Tierra del Fuego (paragraph 8 of article 76)

111 The Commission recommends that the delineation of the outer limits of the continental shelf in the Tierra del Fuego margin 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. Further, the Commission agrees with the methodology applied in delineating the outer limits of the continental shelf in the Tierra del Fuego margin region, including the determination of the fixed points listed in Table 4, Annex I, and the construction of the straight lines connecting those points. The Commission recommends that Argentina proceeds to establish the outer limits of the continental shelf from fixed points RA-3458 to RA-3840, accordingly.

FIGURES


Figure 1: "Map of the zones between the baseline and the 200 M and this and the outer limit" (Executive Summary, figure 8). These Recommendations are with regard to the Río de la Plata passive volcanic continental margin and Tierra del Fuego margin regions as shown in Figure 3.


Figure 2: Types of continental margins identified by Argentina in its continental and island sector. Margin type " $E$ ", red line, corresponds to the passive volcanic continental margin; margin type " $F$ ", orange line, to the sheared continental margin; and margin type " $\mathrm{A}+\mathrm{F}$ ", yellow line, to the combined continental margin, sheared + accretionary convergent margin (Prepared by the Subcommission, from Main Body, chapter IV, figure F.IV.1).


Figure 3: The northern region of the Argentine Atlantic margin sector, referred to in the Submission as the Río de la Plata Craton passive volcanic continental margin region, left, (highlighted in red) and the westernmost sector of the combined continental margin to the south, covering the Tierra del Fuego margin region, right, (highlighted in red) (From presentation of Argentina PRESENTACION ORAL 08-08-12 ULTIMO 8 PM; slides 4 and 5 , red highlights added by the Subcommission, subset extracted by the Subcommission).


Figure 4: "Main features of the sea-floor spreading system of South America, Antarctica and Africa, illustrated with an image of the free-air gravity anomaly field made up of two sets of satellite-derived gravity data. [...] SAM: South American plate; NZC: Nazca plate; ANT: Antarctica plate; SCT: Scotia plate; MEB: M. Ewing bank; SDW: Sandwich micro-plate; SAAR: South American-Antarctic ridge; BTJ: Bouvet triple junction; MAR: Mid-Atlantic ridge; and AFR: African plate" (Main Body, chapter II, figure F.II.6).


Figure 5: The northern region of the Argentine Atlantic margin sector, referred to in the Submission as the Río de la Plata Craton passive volcanic continental margin region. COB: Continent-Ocean Boundary; SDRs: Seaward Dipping Reflectors. Yellow lines represent oceanic magnetic anomalies (From presentation of Argentina PRESENTACION ORAL 08-08-12 ULTIMO 8 PM, slide 22, subset extracted by the Subcommission).


Figure 6: Schematic crustal model of a passive volcanic continental margin (Main Body, chapter IV, figure F.IV.176).


Figure 7: Morphosedimentary map of the Río de la Plata Craton passive volcanic continental margin region (From Main Body, chapter IV, figure F.IV.6, subset extracted by the Subcommission).


Figure 8: Summary of the main morphosedimentary processes of each segment of the Río de la Plata Craton passive volcanic continental margin region (Main Body, chapter IV, figure F.IV.8).


Figure 9: Map of the Río de la Plata Craton passive volcanic continental margin region, submitted by Argentina on 7 August 2012, FOS points determined by means of evidence to the contrary, green, FOS points determined by maximum change in the gradient, yellow (Presentation by Delegation 20 February 2013).


COB: Continental Oceanic Boundary SDRs: Seaward Dipping Reflectors UCC: Upper Continental Crust HVLC:High Velocity Lower Crust LCC:Lower Continental Crust TC: Volcanic Transition Continental Crust ET: Ewing Terrace

UOC: Upper Oceanic Crus
LOC: Lower Oceanic Crust
Figure 10: Crustal structure of the passive volcanic margin based on seismic data and 2D gravity model (Main Body, chapter 5, figure F.V.137).


## Passive volcanic continental margin (type E)

Figure 11: Schematic section of type E: Passive volcanic continental margin. COT: Continent-ocean transition (from Main Body, chapter II, figure F.II. 4 adapted by Argentina from Figure 6.1.E. in the Guidelines).


Figure 12: Gradient map showing the region of the base of the slope as determined based on morphology (yellow lines) and points of maximum change in the gradient (yellow points) compared to the location of the seaward-dipping reflector sequence (cyan shaded area) (Presentation by Delegation 20 February 2013).


Figure 13: FOS points submitted and determined by means of evidence to the contrary, including the seismic lines, as of 7 November 2013 (Presentation by Delegation 7 November 2013).


Figure 14: Sediment thickness map in the Río de la Plata Craton passive volcanic continental margin region and the FOS and sediment thickness formula points submitted by Argentina (Main Body, chapter VI, figure F.VI.1).


Figure 15: Example of a seismic profile, Seismic Line ARG-06, submitted for the determination of sediment thickness showing the continuity of the sedimentary layer between the top of basement and the seabed (From Main Body, chapter VI, figure F.VI.7A, subset extracted by the Subcommission).


Figure 16: Outer edge of the continental margin in the Río de la Plata Craton passive volcanic continental margin region (Main Body, chapter VI, figure F.VI.46, subset extracted by the Subcommission).


Figure 17: Outer edge of the continental margin in the Río de la Plata Craton passive volcanic continental margin region (MAPA 2 (FOS+ST) submitted on 19 August 2015).


Figure 18: Distance constraint line as contained in the Submission (From Main Body, chapter VI, figure F.VI.47, subset extracted by the Subcommission)


Figure 19: The 2,500 m isobath contained in the Submission (Main Body, chapter III, figure F.III.D.87)


Figure 20: Verification of the $2,500 \mathrm{~m}$ isobath (Prepared by the Subcommission)


Figure 21: Combined constraints line contained in the Submission (Main Body, chapter VI, figure F.VI.51, subset extracted by the Subcommission)


Figure 22: Outer limits of the continental shelf of the Río de la Plata Craton passive volcanic continental margin region contained in the Submission (MAPA 3 (RA+OL) submitted on 19 August 2015).


Figure 23: The westernmost sector of the combined continental margin in the Tierra del Fuego margin region (From Main Body, chapter IV, figure F.IV.175, subset extracted by the Subcommission).


Figure 24: Outer edge of the continental margin in the Tierra del Fuego margin region as contained in the Submission (From Main Body, chapter VI, figure F.VI.23, subset extracted by the Subcommission).


Figure 25: Distance constraint line in the Tierra del Fuego margin region as contained in the Submission (From Main Body, chapter VI, figure F.VI.49, subset extracted by the Subcommission).


Figure 26: Outer limits of the continental shelf in the Tierra del Fuego margin region as contained in the Submission (From Main Body, chapter VI, figure F.VI.54, subset extracted by the Subcommission).

## TABLES

| FOS | Consideration |
| :--- | :--- |
| FOS-02B - Line ARG-05 | Supported - Maximum change in the gradient |
| FOS-03 - Line ARG-06 | Supported - Evidence to the contrary |
| FOS-04 - Line ARG-08 | Supported - Evidence to the contrary |
| FOS-05 - Line ARG-09 | Supported - Evidence to the contrary |
| FOS-06 - Line ARG-11 | Supported - Evidence to the contrary |
| FOS-07 - Line ARG-12 | Supported - Evidence to the contrary |
| FOS-09 - Line ARG-19 | Supported - Maximum change in the gradient |
| FOS-10 - Line ARG-20 | Supported - Maximum change in the gradient |
| FOS-11 - Line ARG-22 | Supported - Maximum change in the gradient |
| FOS-12 - Line ARG-23 | Supported - Maximum change in the gradient |
| FOS-13 - Line ARG-25 |  |

Table 1: FOS points, accepted by the Subcommission, used in the determination of the distance, and sediment thickness formulae lines in the Río de la Plata Craton passive volcanic continental margin region.

| Sediment <br> Thickness <br> Point ID | Seismic <br> Line | Shotpoint | Sediment <br> Thickness <br> $(\mathbf{m})$ | FOS Point | Seismic <br> Line | Distance <br> to FOS <br> $\mathbf{( k m})$ | Sediment <br> Thickness/ <br> Distance to <br> FOS (\%) |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| ST-02B | ARG-05B | 1729 | 2,129 | FOS-02B | ARG-05 | 211.84 | 1.005 |
| ST-03 | ARG-06B | 2586 | 1,990 | FOS-03 | ARG-06 | 198.29 | 1.004 |
| ST-04 | ARG-07 | 1789 | 1,942 | FOS-04 | ARG-08 | 192.32 | 1.010 |
| ST-05 | ARG-09B | 4108 | 1,747 | FOS-05 | ARG-09 | 173.28 | 1.008 |
| ST-06 | ARG-11B | 1545 | 1,808 | FOS-06 | ARG-11 | 180.73 | 1.000 |
| ST-07 | ARG-12B | 2491 | 1,676 | FOS-07 | ARG-12 | 166.61 | 1.006 |
| ST-08 | ARG-15B | 3048 | 1,638 | FOS-09 | ARG-19 | 163.67 | 1.001 |
| ST-09 | ARG-19B | 773 | 1,458 | FOS-09 | ARG-19 | 144.64 | 1.008 |
| ST-10 | ARG-20B | 101 | 1,990 | FOS-10 | ARG-20 | 134.44 | 1.480 |
| ST-11 | ARG-22B | 101 | 1,772 | FOS-11 | ARG-22 | 67.55 | 2.623 |
| ST-12 | ARG-23B | 2012 | 1,449 | FOS-12 | ARG-23 | 79.85 | 1.815 |
| ST-13 | ARG-25 | 6901 | 1,144 | FOS-12 | ARG-23 | 114.23 | 1.001 |

Table 2: Sediment thickness points, accepted by the Subcommission

## ANNEX I: COORDINATES FOR THE OUTER LIMITS OF THE CONTINENTAL SHELF FIXED POINTS BEYOND 200 M

| Outer Limit Point Identifier | Latitude | Longitude | Latitude S (DMS) | Longitude W (DMS) | Article 76 criterion | Distance from previous point (M) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| RA-02B | -40.274408 | -51.394858 | 4016' $27.87{ }^{\prime \prime}$ | $51^{\circ} 23^{\prime} 41.49{ }^{\prime \prime}$ | 76.4(a)(i)-1\% Sediment thickness | N/A |
| RA-03 | -40.627261 | -51.881797 | 4037' 38.14" | 51 $52^{\prime} 54.47{ }^{\prime \prime}$ | 76.4(a)(i)-1\% Sediment thickness | 30.74 |
| RA-04 | -41.164028 | -52.089506 | 410 09' 50.50" | 52 ${ }^{\circ} 05^{\prime} 22.22^{\prime \prime}$ | 76.4(a)(i)-1\% Sediment thickness | 33.55 |
| RA-05 | -41.525758 | -52.564878 | 41³1' 32.73" | 52 $33^{\prime} 53.56{ }^{\prime \prime}$ | 76.4(a)(i)-1\% Sediment thickness | 30.53 |
| RA-06 | -41.971594 | -52.893094 | 41 $58^{\prime} 17.74{ }^{\prime \prime}$ | $52^{\circ} 53^{\prime} 35.14{ }^{\prime \prime}$ | 76.4(a)(i)-1\% Sediment thickness | 30.53 |
| RA-07 | -42.359933 | -53.334933 | 42 ${ }^{\circ} 21^{\prime} 35.76{ }^{\prime \prime}$ | $53^{\circ} 20^{\prime} 05.76{ }^{\prime \prime}$ | 76.4(a)(i)-1\% Sediment thickness | 30.51 |
| RA-08 | -42.983289 | -54.065003 | 42 ${ }^{\circ} 58^{\prime} 59.84{ }^{\prime \prime}$ | $54^{\circ} 03^{\prime} 54.01^{\prime \prime}$ | 76.4(a)(i)-1\% Sediment thickness | 49.42 |
| RA-09 | -43.472831 | -54.294562 | 43 $28^{\circ} 22.19{ }^{\prime \prime}$ | $54^{\circ} 17^{\prime} 40.42^{\prime \prime}$ | 76.5-350M | 31.04 |
| RA-10 | -43.47574 | -54.301859 | 43 ${ }^{\circ} 28^{\prime} 32.66{ }^{\prime \prime}$ | $54^{\circ} 18^{\prime} 06.69{ }^{\prime \prime}$ | 76.5-350M | 0.36 |
| RA-11 | -43.478648 | -54.309156 | $43^{\circ} 28^{\prime} 43.13^{\prime \prime}$ | $54^{\circ} 18^{\prime} 32.96{ }^{\prime \prime}$ | 76.5-350M | 0.36 |
| RA-12 | -43.48154 | -54.316465 | $43^{\circ} 28^{\prime} 53.55{ }^{\prime \prime}$ | 54¹8' 59.27" | 76.5-350M | 0.36 |
| RA-13 | -43.484432 | -54.323774 | 43 ${ }^{\circ} 29^{\prime} 03.96{ }^{\prime \prime}$ | 54 $19^{\circ} 25.59{ }^{\prime \prime}$ | 76.5-350M | 0.36 |
| RA-14 | -43.48732 | -54.331086 | 43² $29^{\prime} 14.35^{\prime \prime}$ | 54º 19' 51.91" | 76.5-350M | 0.36 |
| RA-15 | -43.490195 | -54.338407 | 43 $29^{\prime} 24.70^{\prime \prime}$ | $54^{\circ} 20^{\prime} 18.27^{\prime \prime}$ | 76.5-350M | 0.36 |
| RA-16 | -43.493071 | -54.345728 | 43 $29^{\prime} 35.05^{\prime \prime}$ | $54^{\circ} 20^{\prime} 44.62^{\prime \prime}$ | 76.5-350M | 0.36 |
| RA-17 | -43.495938 | -54.353056 | 43 $29^{\prime} 45.38{ }^{\prime \prime}$ | $54^{\circ} 21^{\prime} 11.00^{\prime \prime}$ | 76.5-350M | 0.36 |
| RA-18 | -43.498796 | -54.360389 | 43 $29^{\circ} 55.67{ }^{\prime \prime}$ | $54^{\circ} 21^{\prime} 37.40^{\prime \prime}$ | 76.5-350M | 0.36 |
| RA-19 | -43.501654 | -54.367723 | 43 ${ }^{\circ} 30^{\prime} 05.95{ }^{\prime \prime}$ | 54 ${ }^{\circ} 22^{\prime} 03.80 "$ | 76.5-350M | 0.36 |
| RA-20 | -43.5045 | -54.375065 | $43^{\circ} 30^{\prime} 16.20 "$ | $54^{\circ} 22^{\prime} 30.23 "$ | 76.5-350M | 0.36 |
| RA-21 | -43.507341 | -54.382411 | $43^{\circ} 30^{\prime} 26.43 "$ | 54 ${ }^{\circ} 22^{\prime} 56.68{ }^{\prime \prime}$ | 76.5-350M | 0.36 |
| RA-22 | -43.510182 | -54.389757 | $43^{\circ} 30^{\prime} 36.65{ }^{\prime \prime}$ | 54 ${ }^{\circ} 23^{\prime} 23.12^{\prime \prime}$ | 76.5-350M | 0.36 |
| RA-23 | -43.513007 | -54.397114 | $43^{\circ} 30$ '46.83" | 54 ${ }^{\circ} 23^{\prime} 49.61^{\prime \prime}$ | 76.5-350M | 0.36 |
| RA-24 | -43.515832 | -54.404471 | $43^{\circ} 30 ' 57.00 "$ | $54^{\circ} 24^{\prime} 16.10^{\prime \prime}$ | 76.5-350M | 0.36 |
| RA-25 | -43.518653 | -54.411831 | 43 $31^{\circ} 07.15^{\prime \prime}$ | 54${ }^{\circ} 24^{\prime} 42.59{ }^{\prime \prime}$ | 76.5-350M | 0.36 |
| RA-26 | -43.52146 | -54.419201 | 43 $31^{\circ} 17.26{ }^{\prime \prime}$ | $54^{\circ} 25^{\prime} 09.12^{\prime \prime}$ | 76.5-350M | 0.36 |
| RA-27 | -43.524267 | -54.426571 | 43 $31^{\prime} 27.36 "$ | 54${ }^{\circ} 25^{\prime} 35.65{ }^{\prime \prime}$ | 76.5-350M | 0.36 |


| Outer Limit Point Identifier | Latitude | Longitude | Latitude S (DMS) | Longitude W (DMS) | Article 76 criterion | Distance from previous point (M) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| RA-28 | -43.527067 | -54.433946 | $43^{\circ} 31^{\prime} 37.44{ }^{\prime \prime}$ | $54^{\circ} 26^{\prime} 02.21{ }^{\prime \prime}$ | 76.5-350M | 0.36 |
| RA-29 | -43.529858 | -54.441327 | $43^{\circ} 31^{\prime} 47.49{ }^{\prime \prime}$ | $54^{\circ} 26^{\prime} 28.78{ }^{\prime \prime}$ | 76.5-350M | 0.36 |
| RA-30 | -43.532649 | -54.448708 | 43 $31^{\prime} 57.54{ }^{\prime \prime}$ | $54^{\circ} 26^{\prime} 55.35{ }^{\prime \prime}$ | 76.5-350M | 0.36 |
| RA-31 | -43.535427 | -54.456098 | $43^{\circ} 32^{\prime} 07.54{ }^{\prime \prime}$ | 54* $27^{\prime} 21.95^{\prime \prime}$ | 76.5-350M | 0.36 |
| RA-32 | -43.5382 | -54.463492 | $43^{\circ} 32{ }^{\prime} 17.52^{\prime \prime}$ | 54* $27{ }^{\prime} 48.57{ }^{\prime \prime}$ | 76.5-350M | 0.36 |
| RA-33 | -43.540973 | -54.470885 | $43^{\circ} 32^{\prime} 27.50{ }^{\prime \prime}$ | $54^{\circ} 28^{\prime} 15.19^{\prime \prime}$ | 76.5-350M | 0.36 |
| RA-34 | -43.54373 | -54.47829 | $43^{\circ} 32^{\prime} 37.43^{\prime \prime}$ | $54^{\circ} 28^{\prime} 41.84 "$ | 76.5-350M | 0.36 |
| RA-35 | -43.546487 | -54.485695 | $43^{\circ} 32^{\prime} 47.35^{\prime \prime}$ | $54^{\circ} 29^{\prime} 08.50{ }^{\prime \prime}$ | 76.5-350M | 0.36 |
| RA-36 | -43.54924 | -54.493102 | 43 $32^{\prime} 57.26 "$ | $54^{\circ} 29^{\prime} 35.17^{\prime \prime}$ | 76.5-350M | 0.36 |
| RA-37 | -43.55198 | -54.500519 | $43^{\circ} 33^{\prime} 07.13^{\prime \prime}$ | $54^{\circ} 30{ }^{\prime} 01.87{ }^{\prime \prime}$ | 76.5-350M | 0.36 |
| RA-38 | -43.55472 | -54.507935 | 43 $33^{\prime} 16.99^{\prime \prime}$ | $54^{\circ} 30^{\prime} 28.57{ }^{\prime \prime}$ | 76.5-350M | 0.36 |
| RA-39 | -43.557452 | -54.515357 | $43^{\circ} 33^{\prime} 26.83 "$ | $54^{\circ} 30^{\prime} 55.29{ }^{\prime \prime}$ | 76.5-350M | 0.36 |
| RA-40 | -43.560175 | -54.522785 | $43^{\circ} 33^{\prime} 36.63^{\prime \prime}$ | $54^{\circ} 31{ }^{\prime} 22.03^{\prime \prime}$ | 76.5-350M | 0.36 |
| RA-41 | -43.562898 | -54.530213 | $43^{\circ} 33^{\prime} 46.43^{\prime \prime}$ | $54^{\circ} 31{ }^{\prime} 48.77^{\prime \prime}$ | 76.5-350M | 0.36 |
| RA-42 | -43.565945 | -54.537397 | $43^{\circ} 33^{\prime} 57.40^{\prime \prime}$ | $54^{\circ} 32{ }^{\prime} 14.63{ }^{\prime \prime}$ | 76.5-350M | 0.36 |
| RA-43 | -43.569028 | -54.544554 | $43^{\circ} 34^{\prime} 08.50{ }^{\prime \prime}$ | $54^{\circ} 32{ }^{\prime} 40.39^{\prime \prime}$ | 76.5-350M | 0.36 |
| RA-44 | -43.572104 | -54.551716 | 43 ${ }^{\circ} 34^{\prime} 19.58{ }^{\prime \prime}$ | $54^{\circ} 33^{\prime} 06.18^{\prime \prime}$ | 76.5-350M | 0.36 |
| RA-45 | -43.575172 | -54.558885 | 43 $34^{\prime} 30.62{ }^{\prime \prime}$ | $54^{\circ} 33^{\prime} 31.98{ }^{\prime \prime}$ | 76.5-350M | 0.36 |
| RA-46 | -43.578239 | -54.566054 | 43 ${ }^{\circ} 34^{\prime} 41.66{ }^{\prime \prime}$ | $54^{\circ} 33^{\prime} 57.79{ }^{\prime \prime}$ | 76.5-350M | 0.36 |
| RA-47 | -43.581295 | -54.573232 | 43 $34^{\prime} 52.66{ }^{\prime \prime}$ | $54^{\circ} 34^{\prime} 23.63{ }^{\prime \prime}$ | 76.5-350M | 0.36 |
| RA-48 | -43.584346 | -54.580414 | 43 $35^{\prime} 03.64 "$ | $54^{\circ} 34^{\prime} 49.49{ }^{\prime \prime}$ | 76.5-350M | 0.36 |
| RA-49 | -43.587396 | -54.587596 | $43^{\circ} 35^{\prime} 14.63^{\prime \prime}$ | $54^{\circ} 35^{\prime} 15.35{ }^{\prime \prime}$ | 76.5-350M | 0.36 |
| RA-50 | -43.590431 | -54.594791 | 43 $35^{\prime} 25.55^{\prime \prime}$ | $54^{\circ} 35^{\prime} 41.25{ }^{\prime \prime}$ | 76.5-350M | 0.36 |
| RA-51 | -43.593466 | -54.601985 | $43^{\circ} 35^{\prime} 36.48^{\prime \prime}$ | $54^{\circ} 36{ }^{\prime} 07.15^{\prime \prime}$ | 76.5-350M | 0.36 |
| RA-52 | -43.596497 | -54.609183 | 43 ${ }^{\circ} 35^{\prime} 47.39{ }^{\prime \prime}$ | $54^{\circ} 36{ }^{\prime} 33.06^{\prime \prime}$ | 76.5-350M | 0.36 |
| RA-53 | -43.599515 | -54.616391 | 43 $35^{\prime} 58.25{ }^{\prime \prime}$ | $54^{\circ} 36{ }^{\prime} 59.01^{\prime \prime}$ | 76.5-350M | 0.36 |
| RA-54 | -43.602533 | -54.623598 | $43^{\circ} 36^{\prime} 09.12^{\prime \prime}$ | 54 $37^{\prime} 24.95^{\prime \prime}$ | 76.5-350M | 0.36 |
| RA-55 | -43.605543 | -54.630812 | $43^{\circ} 36^{\prime} 19.96{ }^{\prime \prime}$ | 54 ${ }^{\circ} 37{ }^{\prime} 50.92^{\prime \prime}$ | 76.5-350M | 0.36 |
| RA-56 | -43.608545 | -54.638032 | 43 $36^{\prime} 30.76{ }^{\prime \prime}$ | $54^{\circ} 38^{\prime} 16.92$ " | 76.5-350M | 0.36 |


| Outer Limit Point Identifier | Latitude | Longitude | Latitude S (DMS) | Longitude W (DMS) | Article 76 criterion | Distance from previous point (M) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| RA-57 | -43.611546 | -54.645253 | $43^{\circ} 36^{\prime} 41.57{ }^{\prime \prime}$ | $54^{\circ} 38{ }^{\prime} 42.91^{\prime \prime}$ | 76.5-350M | 0.36 |
| RA-58 | -43.614536 | -54.652482 | $43^{\circ} 36{ }^{\prime} 52.33^{\prime \prime}$ | 54º 39' 08.93" | 76.5-350M | 0.36 |
| RA-59 | -43.617521 | -54.659715 | $43^{\circ} 37{ }^{\prime} 03.08{ }^{\prime \prime}$ | $54^{\circ} 39^{\prime} 34.97{ }^{\prime \prime}$ | 76.5-350M | 0.36 |
| RA-60 | -43.620506 | -54.666948 | $43^{\circ} 37^{\prime} 13.82{ }^{\prime \prime}$ | $54^{\circ} 40 ' 01.01^{\prime \prime}$ | 76.5-350M | 0.36 |
| RA-61 | -43.623475 | -54.674193 | 43 $3{ }^{\circ}$ 24.51" | 540 40 ' 27.09" | 76.5-350M | 0.36 |
| RA-62 | -43.626442 | -54.681439 | $43^{\circ} 37^{\prime} 35.19{ }^{\prime \prime}$ | $54^{\circ} 40$ 53.18" | 76.5-350M | 0.36 |
| RA-63 | -43.629407 | -54.688687 | $43^{\circ} 37^{\prime} 45.87{ }^{\prime \prime}$ | $54^{\circ} 41^{\prime} 19.27^{\prime \prime}$ | 76.5-350M | 0.36 |
| RA-64 | -43.632359 | -54.695946 | 43 $37^{\circ} 56.49{ }^{\prime \prime}$ | $54^{\circ} 41^{\prime} 45.40^{\prime \prime}$ | 76.5-350M | 0.36 |
| RA-65 | -43.63531 | -54.703204 | 43 ${ }^{\circ} 38^{\prime} 07.12^{\prime \prime}$ | $54^{\circ} 42^{\prime} 11.53{ }^{\prime \prime}$ | 76.5-350M | 0.36 |
| RA-66 | -43.638255 | -54.710467 | 43 $38^{\prime} 17.72^{\prime \prime}$ | $54^{\circ} 42^{\prime} 37.68{ }^{\prime \prime}$ | 76.5-350M | 0.36 |
| RA-67 | -43.641189 | -54.717738 | $43^{\circ} 38^{\prime} 28.28^{\prime \prime}$ | 54* 43' 03.86" | 76.5-350M | 0.36 |
| RA-68 | -43.644124 | -54.725009 | $43^{\circ} 38^{\prime} 38.85{ }^{\prime \prime}$ | $54^{\circ} 43^{\prime} 30.03^{\prime \prime}$ | 76.5-350M | 0.36 |
| RA-69 | -43.647047 | -54.732289 | $43^{\circ} 38^{\prime} 49.37{ }^{\prime \prime}$ | $54^{\circ} 43^{\prime} 56.24{ }^{\prime \prime}$ | 76.5-350M | 0.36 |
| RA-70 | -43.649965 | -54.739572 | $43^{\circ} 38^{\prime} 59.88^{\prime \prime}$ | $54^{\circ} 44^{\prime} 22.46^{\prime \prime}$ | 76.5-350M | 0.36 |
| RA-71 | -43.652883 | -54.746856 | 43 $39^{\prime} 10.38{ }^{\prime \prime}$ | $54^{\circ} 44^{\prime} 48.68^{\prime \prime}$ | 76.5-350M | 0.36 |
| RA-72 | -43.655786 | -54.75415 | 43 $39^{\circ} 20.83^{\prime \prime}$ | $54^{\circ} 45^{\prime} 14.94^{\prime \prime}$ | 76.5-350M | 0.36 |
| RA-73 | -43.658687 | -54.761446 | 43 $39^{\circ} 31.28{ }^{\prime \prime}$ | $54^{\circ} 45^{\prime} 41.20 "$ | 76.5-350M | 0.36 |
| RA-74 | -43.661586 | -54.768743 | 43 $39^{\circ} 41.71{ }^{\prime \prime}$ | $54^{\circ} 46^{\prime} 07.48{ }^{\prime \prime}$ | 76.5-350M | 0.36 |
| RA-75 | -43.664471 | -54.776051 | 43 $39^{\circ} 52.09 "$ | $54^{\circ} 46^{\prime} 33.79{ }^{\prime \prime}$ | 76.5-350M | 0.36 |
| RA-76 | -43.667355 | -54.783359 | $43^{\circ} 40^{\prime} 02.48{ }^{\prime \prime}$ | $54^{\circ} 47^{\prime} 00.09{ }^{\prime \prime}$ | 76.5-350M | 0.36 |
| RA-77 | -43.670233 | -54.790672 | 43 $40^{\prime} 12.84 "$ | $54^{\circ} 47^{\prime} 26.42^{\prime \prime}$ | 76.5-350M | 0.36 |
| RA-78 | -43.6731 | -54.797993 | $43^{\circ} 40^{\prime} 23.16{ }^{\prime \prime}$ | 54${ }^{\circ} 47^{\prime} 52.77^{\prime \prime}$ | 76.5-350M | 0.36 |
| RA-79 | -43.675968 | -54.805313 | $43^{\circ} 40^{\prime} 33.48^{\prime \prime}$ | $54^{\circ} 48^{\prime} 19.13^{\prime \prime}$ | 76.5-350M | 0.36 |
| RA-80 | -43.678825 | -54.812641 | $43^{\circ} 40^{\prime} 43.77{ }^{\prime \prime}$ | $54^{\circ} 48^{\prime} 45.51^{\prime \prime}$ | 76.5-350M | 0.36 |
| RA-81 | -43.681676 | -54.819973 | 43 $40^{\prime} 54.04 "$ | $54^{\circ} 49^{\prime} 11.90{ }^{\prime \prime}$ | 76.5-350M | 0.36 |
| RA-82 | -43.684528 | -54.827305 | $43^{\circ} 41^{\prime} 04.30 "$ | $54^{\circ} 49^{\prime} 38.30 "$ | 76.5-350M | 0.36 |
| RA-83 | -43.687364 | -54.834648 | 43 $41^{\prime} 14.51{ }^{\prime \prime}$ | 54 ${ }^{\circ} 50$ 04.74" | 76.5-350M | 0.36 |
| RA-84 | -43.690198 | -54.841993 | 43* 41' $24.71{ }^{\prime \prime}$ | 54 ${ }^{\circ} 50{ }^{\prime} 31.18{ }^{\prime \prime}$ | 76.5-350M | 0.36 |
| RA-85 | -43.693029 | -54.849339 | $43^{\circ} 41^{\prime} 34.91^{\prime \prime}$ | 540 50' 57.62" | 76.5-350M | 0.36 |


| Outer Limit Point Identifier | Latitude | Longitude | Latitude S (DMS) | Longitude W (DMS) | Article 76 criterion | Distance from previous point (M) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| RA-86 | -43.695847 | -54.856696 | 43* 41' 45.05" | 54 ${ }^{\circ} 51^{\prime} 24.11^{\prime \prime}$ | 76.5-350M | 0.36 |
| RA-87 | -43.698664 | -54.864052 | 43 $41^{\prime} 55.19{ }^{\prime \prime}$ | 540 51' 50.59" | 76.5-350M | 0.36 |
| RA-88 | -43.701475 | -54.871413 | 43* 42' 05.31" | 54 ${ }^{\circ} 52^{\prime} 17.09{ }^{\prime \prime}$ | 76.5-350M | 0.36 |
| RA-89 | -43.704275 | -54.878782 | 43 $42^{\prime} 15.39{ }^{\prime \prime}$ | 54 ${ }^{\circ} 52^{\prime} 43.61{ }^{\prime \prime}$ | 76.5-350M | 0.36 |
| RA-90 | -43.707076 | -54.88615 | 43 $42^{\prime} 25.47{ }^{\prime \prime}$ | 54${ }^{\circ} 53^{\prime} 10.14{ }^{\prime \prime}$ | 76.5-350M | 0.36 |
| RA-91 | -43.709866 | -54.893526 | $43^{\circ} 42^{\prime} 35.52^{\prime \prime}$ | 54${ }^{\circ} 53^{\prime} 36.69{ }^{\prime \prime}$ | 76.5-350M | 0.36 |
| RA-92 | -43.71265 | -54.900906 | $43^{\circ} 42^{\prime} 45.54 "$ | 54 ${ }^{\circ} 54^{\prime} 03.26{ }^{\prime \prime}$ | 76.5-350M | 0.36 |
| RA-93 | -43.715433 | -54.908286 | 43 ${ }^{\circ} 42^{\prime} 55.56{ }^{\prime \prime}$ | 54 ${ }^{\circ} 54^{\prime} 29.83^{\prime \prime}$ | 76.5-350M | 0.36 |
| RA-94 | -43.718203 | -54.915677 | 43 $43^{\prime} 05.53{ }^{\prime \prime}$ | 54${ }^{\circ} 54^{\prime} 56.44{ }^{\prime \prime}$ | 76.5-350M | 0.36 |
| RA-95 | -43.720969 | -54.923069 | 43 $43^{\prime} 15.49{ }^{\prime \prime}$ | 54${ }^{\circ} 55^{\prime} 23.05^{\prime \prime}$ | 76.5-350M | 0.36 |
| RA-96 | -43.723734 | -54.930463 | 43 ${ }^{\circ} 43^{\prime} 25.44{ }^{\prime \prime}$ | 540 55' 49.67" | 76.5-350M | 0.36 |
| RA-97 | -43.726484 | -54.937867 | $43^{\circ} 43^{\prime} 35.34{ }^{\prime \prime}$ | $54^{\circ} 56{ }^{\prime} 16.32^{\prime \prime}$ | 76.5-350M | 0.36 |
| RA-98 | -43.729234 | -54.94527 | $43^{\circ} 43^{\prime} 45.24{ }^{\prime \prime}$ | $54^{\circ} 56{ }^{\prime} 42.97{ }^{\prime \prime}$ | 76.5-350M | 0.36 |
| RA-99 | -43.731978 | -54.952678 | $43^{\circ} 43^{\prime} 55.12^{\prime \prime}$ | 54${ }^{\circ} 57^{\prime} 09.64 "$ | 76.5-350M | 0.36 |
| RA-100 | -43.734711 | -54.960094 | $43^{\circ} 44^{\prime} 04.96{ }^{\prime \prime}$ | 54${ }^{\circ} 57^{\prime} 36.34{ }^{\prime \prime}$ | 76.5-350M | 0.36 |
| RA-101 | -43.737444 | -54.967509 | $43^{\circ} 44^{\prime} 14.80^{\prime \prime}$ | 54 ${ }^{\circ} 58^{\prime} 03.03^{\prime \prime}$ | 76.5-350M | 0.36 |
| RA-102 | -43.740167 | -54.974932 | 43 ${ }^{\circ} 44^{\prime} 24.60$ " | 54 $58^{\prime} 29.75^{\prime \prime}$ | 76.5-350M | 0.36 |
| RA-103 | -43.742882 | -54.982359 | $43^{\circ} 44^{\prime} 34.38{ }^{\prime \prime}$ | 54 $588^{\prime} 56.49{ }^{\prime \prime}$ | 76.5-350M | 0.36 |
| RA-104 | -43.745598 | -54.989786 | $43^{\circ} 44^{\prime} 44.15^{\prime \prime}$ | 54 $59^{\prime} 23.23 "$ | 76.5-350M | 0.36 |
| RA-105 | -43.7483 | -54.997223 | 43 ${ }^{\circ} 44^{\prime} 53.88{ }^{\prime \prime}$ | 54 $59^{\prime} 50.00 "$ | 76.5-350M | 0.36 |
| RA-106 | -43.750999 | -55.004661 | 43 $45^{\prime} 03.60$ " | $55^{\circ} 00^{\prime} 16.78{ }^{\prime \prime}$ | 76.5-350M | 0.36 |
| RA-107 | -43.753697 | -55.0121 | $43^{\circ} 45^{\prime} 13.31{ }^{\prime \prime}$ | $55^{\circ} 00^{\prime} 43.56{ }^{\prime \prime}$ | 76.5-350M | 0.36 |
| RA-108 | -43.756378 | -55.019551 | 430 $45^{\prime} 22.96{ }^{\prime \prime}$ | $55^{\circ} 01^{\prime} 10.38{ }^{\prime \prime}$ | 76.5-350M | 0.36 |
| RA-109 | -43.75906 | -55.027002 | 43 $45^{\prime} 32.62$ " | $55^{\circ} 01^{\prime} 37.21^{\prime \prime}$ | 76.5-350M | 0.36 |
| RA-110 | -43.761736 | -55.034455 | 43 ${ }^{\circ} 45^{\prime} 42.25^{\prime \prime}$ | 55 ${ }^{\circ} 02^{\prime} 04.04{ }^{\prime \prime}$ | 76.5-350M | 0.36 |
| RA-111 | -43.764402 | -55.041917 | 43 $45^{\prime} 51.85^{\prime \prime}$ | $55^{\circ} 02^{\prime} 30.90{ }^{\prime \prime}$ | 76.5-350M | 0.36 |
| RA-112 | -43.767067 | -55.049378 | 43* 46' 01.44" | 55 ${ }^{\circ} 02^{\prime} 57.76{ }^{\prime \prime}$ | 76.5-350M | 0.36 |
| RA-113 | -43.769723 | -55.056846 | 43 $46^{\prime} 11.00 "$ | 55º 03' 24.64" | 76.5-350M | 0.36 |
| RA-114 | -43.77237 | -55.064319 | $43^{\circ} 46^{\prime} 20.53^{\prime \prime}$ | 55º 03' 51.55" | 76.5-350M | 0.36 |


| Outer Limit Point Identifier | Latitude | Longitude | Latitude S (DMS) | Longitude W (DMS) | Article 76 criterion | Distance from previous point <br> (M) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| RA-115 | -43.775018 | -55.071792 | $43^{\circ} 46^{\prime} 30.06 "$ | $55^{\circ} 04^{\prime} 18.45{ }^{\prime \prime}$ | 76.5-350M | 0.36 |
| RA-116 | -43.777652 | -55.079273 | $43^{\circ} 46^{\prime} 39.55^{\prime \prime}$ | $55^{\circ} 04^{\prime} 45.39^{\prime \prime}$ | 76.5-350M | 0.36 |
| RA-117 | -43.780283 | -55.086758 | $43^{\circ} 46^{\prime} 49.02{ }^{\prime \prime}$ | $55^{\circ} 05^{\prime} 12.33 "$ | $76.5-350 \mathrm{M}$ | 0.36 |
| RA-118 | -43.782913 | -55.094242 | 430 46' 58.49" | $55^{\circ} 05^{\prime} 39.27^{\prime \prime}$ | 76.5-350M | 0.36 |
| RA-119 | -43.785527 | -55.101737 | 43* 47' 07.90" | $55^{\circ} 06^{\prime} 06.26 "$ | 76.5-350M | 0.36 |
| RA-120 | -43.78814 | -55.109233 | $43^{\circ} 47^{\prime} 17.31{ }^{\prime \prime}$ | 55 ${ }^{\circ} 06{ }^{\prime} 33.24 "$ | 76.5-350M | 0.36 |
| RA-121 | -43.79075 | -55.116731 | $43^{\circ} 47^{\prime} 26.70{ }^{\prime \prime}$ | $55^{\circ} 07{ }^{\prime} 00.23^{\prime \prime}$ | 76.5-350M | 0.36 |
| RA-122 | -43.793346 | -55.124238 | $43^{\circ} 47^{\prime} 36.05^{\prime \prime}$ | 55 ${ }^{\circ} 07{ }^{\prime} 27.26 "$ | 76.5-350M | 0.36 |
| RA-123 | -43.795942 | -55.131744 | 43 $47^{\prime} 45.39{ }^{\prime \prime}$ | 55 ${ }^{\circ} 07{ }^{\prime} 54.28{ }^{\prime \prime}$ | 76.5-350M | 0.36 |
| RA-124 | -43.79853 | -55.139256 | $43^{\circ} 47^{\prime} 54.71{ }^{\prime \prime}$ | $55^{\circ} 08^{\prime} 21.32$ " | 76.5-350M | 0.36 |
| RA-125 | -43.80111 | -55.146774 | $43^{\circ} 48^{\prime} 04.00 "$ | $55^{\circ} 08{ }^{\prime} 48.39^{\prime \prime}$ | 76.5-350M | 0.36 |
| RA-126 | -43.803689 | -55.154291 | $43^{\circ} 48^{\prime} 13.28{ }^{\prime \prime}$ | $55^{\circ} 09^{\prime} 15.45{ }^{\prime \prime}$ | 76.5-350M | 0.36 |
| RA-127 | -43.806256 | -55.161817 | $43^{\circ} 48^{\prime} 22.52{ }^{\prime \prime}$ | 55 ${ }^{\circ} 09^{\prime} 42.54 "$ | 76.5-350M | 0.36 |
| RA-128 | -43.808818 | -55.169345 | 43 $48^{\prime} 31.74{ }^{\prime \prime}$ | 55 ${ }^{\circ} 10^{\prime} 09.64{ }^{\prime \prime}$ | 76.5-350M | 0.36 |
| RA-129 | -43.811379 | -55.176874 | 43 $48^{\prime} 40.97{ }^{\prime \prime}$ | $55^{\circ} 10^{\prime} 36.75^{\prime \prime}$ | 76.5-350M | 0.36 |
| RA-130 | -43.813925 | -55.184413 | 43 $48^{\prime} 50.13^{\prime \prime}$ | 55 ${ }^{\circ} 11^{\prime} 03.89{ }^{\prime \prime}$ | 76.5-350M | 0.36 |
| RA-131 | -43.81647 | -55.191953 | 43 $48^{\prime} 59.29{ }^{\prime \prime}$ | 55 ${ }^{\circ} 11{ }^{\prime} 31.03 "$ | 76.5-350M | 0.36 |
| RA-132 | -43.819011 | -55.199495 | 43 $49^{\circ} 08.44{ }^{\prime \prime}$ | $55^{\circ} 11^{\prime} 58.18^{\prime \prime}$ | 76.5-350M | 0.36 |
| RA-133 | -43.821539 | -55.207045 | 43 ${ }^{\circ} 49^{\prime} 17.54{ }^{\prime \prime}$ | $55^{\circ} 12^{\prime} 25.36 "$ | 76.5-350M | 0.36 |
| RA-134 | -43.824067 | -55.214595 | 43 $49^{\prime} 26.64{ }^{\prime \prime}$ | $55^{\circ} 12^{\prime} 52.54 "$ | 76.5-350M | 0.36 |
| RA-135 | -43.826589 | -55.222149 | 43 ${ }^{\circ} 49^{\prime} 35.72^{\prime \prime}$ | 55 ${ }^{\circ} 13^{\prime} 19.74^{\prime \prime}$ | 76.5-350M | 0.36 |
| RA-136 | -43.829108 | -55.229705 | 43 $49^{\prime} 44.79^{\prime \prime}$ | $55^{\circ} 13^{\prime} 46.94{ }^{\prime \prime}$ | 76.5-350M | 0.36 |
| RA-137 | -43.831717 | -55.237202 | $43^{\circ} 49^{\prime} 54.18{ }^{\prime \prime}$ | $55^{\circ} 14^{\prime} 13.93$ " | 76.5-350M | 0.36 |
| RA-138 | -43.834327 | -55.244698 | $43^{\circ} 50 ' 03.58{ }^{\prime \prime}$ | $55^{\circ} 14^{\prime} 40.91^{\prime \prime}$ | 76.5-350M | 0.36 |
| RA-139 | -43.836924 | -55.252203 | $43^{\circ} 50 ' 12.93 "$ | $55^{\circ} 15^{\prime} 07.93^{\prime \prime}$ | 76.5-350M | 0.36 |
| RA-140 | -43.839519 | -55.259709 | 43 $50^{\prime} 22.27{ }^{\prime \prime}$ | 55 ${ }^{\circ} 15^{\prime} 34.95^{\prime \prime}$ | 76.5-350M | 0.36 |
| RA-141 | -43.842112 | -55.267216 | 43 $50^{\prime} 31.60{ }^{\prime \prime}$ | $55^{\circ} 16^{\prime} 01.98{ }^{\prime \prime}$ | 76.5-350M | 0.36 |
| RA-142 | -43.84469 | -55.274734 | $43^{\circ} 50 ' 40.88{ }^{\prime \prime}$ | 55 ${ }^{\circ} 16^{\prime} 29.04 "$ | 76.5-350M | 0.36 |
| RA-143 | -43.847267 | -55.282251 | $43^{\circ} 50 ' 50.16 "$ | 55 ${ }^{\circ} 16^{\prime} 56.11^{\prime \prime}$ | 76.5-350M | 0.36 |


| Outer Limit Point Identifier | Latitude | Longitude | Latitude S (DMS) | Longitude W (DMS) | Article 76 criterion | Distance from previous point <br> (M) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| RA-144 | -43.849839 | -55.289773 | 43 $50{ }^{\prime} 59.42^{\prime \prime}$ | $55^{\circ} 17^{\prime} 23.18{ }^{\prime \prime}$ | 76.5-350M | 0.36 |
| RA-145 | -43.8524 | -55.297301 | 43 $51{ }^{\prime}$ 08.64" | 55 ${ }^{\circ} 17^{\prime} 50.28{ }^{\prime \prime}$ | 76.5-350M | 0.36 |
| RA-146 | -43.85496 | -55.304829 | 43 51' 17.86" | 55¹8'17.39" | 76.5-350M | 0.36 |
| RA-147 | -43.857511 | -55.312364 | 4351' $27.04{ }^{\prime \prime}$ | 55 ${ }^{\circ} 18^{\prime} 44.51{ }^{\prime \prime}$ | 76.5-350M | 0.36 |
| RA-148 | -43.860054 | -55.319903 | $43^{\circ} 51{ }^{\prime} 36.20 "$ | 55 ${ }^{\circ} 19^{\prime} 11.65{ }^{\prime \prime}$ | 76.5-350M | 0.36 |
| RA-149 | -43.862597 | -55.327442 | $43^{\circ} 51{ }^{\prime} 45.35^{\prime \prime}$ | 55 ${ }^{\circ} 19^{\prime} 38.79{ }^{\prime \prime}$ | 76.5-350M | 0.36 |
| RA-150 | -43.865127 | -55.33499 | 43 ${ }^{\circ} 51{ }^{\prime} 54.46 "$ | 55 ${ }^{\circ} 20^{\prime} 05.97{ }^{\prime \prime}$ | 76.5-350M | 0.36 |
| RA-151 | -43.867654 | -55.34254 | 43 $52^{\prime} 03.55^{\prime \prime}$ | 55 ${ }^{\circ} 20^{\prime} 33.15{ }^{\prime \prime}$ | 76.5-350M | 0.36 |
| RA-152 | -43.870179 | -55.350091 | $43^{\circ} 52{ }^{\prime} 12.65{ }^{\prime \prime}$ | 55 ${ }^{\circ} 21^{\prime} 00.33^{\prime \prime}$ | 76.5-350M | 0.36 |
| RA-153 | -43.872688 | -55.357652 | $43^{\circ} 52{ }^{\prime} 21.68{ }^{\prime \prime}$ | 55 ${ }^{\circ} 21^{\prime} 27.55^{\prime \prime}$ | 76.5-350M | 0.36 |
| RA-154 | -43.875197 | -55.365212 | 43 ${ }^{\circ} 52^{\prime} 30.71^{\prime \prime}$ | 55 ${ }^{\circ} 21^{\prime} 54.77{ }^{\prime \prime}$ | 76.5-350M | 0.36 |
| RA-155 | -43.877701 | -55.372776 | 43 $52^{\prime} 39.72^{\prime \prime}$ | 55 ${ }^{\circ} 22^{\prime} 22.00 "$ | 76.5-350M | 0.36 |
| RA-156 | -43.880193 | -55.380348 | 43 $52^{\prime} 48.69{ }^{\prime \prime}$ | 55 ${ }^{\circ} 22^{\prime} 49.25 "$ | 76.5-350M | 0.36 |
| RA-157 | -43.882684 | -55.38792 | 43 $52^{\prime} 57.66^{\prime \prime}$ | 55 ${ }^{\circ} 23^{\prime} 16.51{ }^{\prime \prime}$ | 76.5-350M | 0.36 |
| RA-158 | -43.885167 | -55.395496 | 43 $53^{\prime} 06.60 "$ | 55 ${ }^{\circ} 23^{\prime} 43.79 "$ | 76.5-350M | 0.36 |
| RA-159 | -43.887642 | -55.403079 | $43^{\circ} 53^{\prime} 15.51{ }^{\prime \prime}$ | 55 ${ }^{\circ} 24^{\prime} 11.08{ }^{\prime \prime}$ | 76.5-350M | 0.36 |
| RA-160 | -43.890116 | -55.410661 | $43^{\circ} 53^{\prime} 24.42^{\prime \prime}$ | 55 ${ }^{\circ} 24^{\prime} 38.38{ }^{\prime \prime}$ | 76.5-350M | 0.36 |
| RA-161 | -43.892578 | -55.418251 | 43 $53^{\prime} 33.28{ }^{\prime \prime}$ | 55 ${ }^{\circ} 25^{\prime} 05.70$ | 76.5-350M | 0.36 |
| RA-162 | -43.895035 | -55.425844 | $43^{\circ} 53^{\prime} 42.13^{\prime \prime}$ | 55 ${ }^{\circ} 25^{\prime} 33.04 "$ | 76.5-350M | 0.36 |
| RA-163 | -43.897492 | -55.433436 | 43 $53 ' 50.97{ }^{\prime \prime}$ | 55 ${ }^{\circ} 26^{\prime} 00.37{ }^{\prime \prime}$ | 76.5-350M | 0.36 |
| RA-164 | -43.899933 | -55.441039 | 43 $53 ' 59.76{ }^{\prime \prime}$ | 55 ${ }^{\circ} 26^{\prime} 27.74{ }^{\prime \prime}$ | 76.5-350M | 0.36 |
| RA-165 | -43.902373 | -55.448642 | 43 $54^{\prime} 08.54 "$ | 55 ${ }^{\circ} 26$ 55.11" | 76.5-350M | 0.36 |
| RA-166 | -43.904809 | -55.456248 | 43 ${ }^{\circ} 54^{\prime} 17.31{ }^{\prime \prime}$ | 55 ${ }^{\circ} 27^{\prime} 22.49{ }^{\prime \prime}$ | 76.5-350M | 0.36 |
| RA-167 | -43.907232 | -55.463862 | 43 ${ }^{\circ} 54^{\prime} 26.03^{\prime \prime}$ | 55 ${ }^{\circ} 27^{\prime} 49.90{ }^{\prime \prime}$ | 76.5-350M | 0.36 |
| RA-168 | -43.909654 | -55.471475 | 43 ${ }^{\circ} 54^{\prime} 34.76^{\prime \prime}$ | 55 ${ }^{\circ} 28^{\prime} 17.31{ }^{\prime \prime}$ | 76.5-350M | 0.36 |
| RA-169 | -43.912069 | -55.479093 | 43 ${ }^{\circ} 54^{\prime} 43.45{ }^{\prime \prime}$ | 55 ${ }^{\circ} 28^{\prime} 44.74{ }^{\prime \prime}$ | 76.5-350M | 0.36 |
| RA-170 | -43.914474 | -55.486717 | 43 ${ }^{\circ} 54^{\prime} 52.11^{\prime \prime}$ | 55 ${ }^{\circ} 29^{\prime} 12.18{ }^{\prime \prime}$ | 76.5-350M | 0.36 |
| RA-171 | -43.91688 | -55.494341 | 43 $55^{\prime} 00.77^{\prime \prime}$ | 55 ${ }^{\circ} 29^{\prime} 39.63$ " | 76.5-350M | 0.36 |
| RA-172 | -43.919273 | -55.501972 | 43 $55^{\prime} 09.38{ }^{\prime \prime}$ | 55º 30' 07.10" | 76.5-350M | 0.36 |


| Outer Limit Point Identifier | Latitude | Longitude | Latitude S (DMS) | Longitude W (DMS) | Article 76 criterion | Distance from previous point <br> (M) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| RA-173 | -43.921661 | -55.509607 | $43^{\circ} 55^{\prime} 17.98{ }^{\prime \prime}$ | $55^{\circ} 30$ '34.58" | 76.5-350M | 0.36 |
| RA-174 | -43.924048 | -55.517241 | $43^{\circ} 55^{\prime} 26.57{ }^{\prime \prime}$ | 55º 31' 02.07" | 76.5-350M | 0.36 |
| RA-175 | -43.926421 | -55.524885 | 43${ }^{\circ} 55^{\prime} 35.11^{\prime \prime}$ | 55 ${ }^{\circ} 31^{\prime} 29.59{ }^{\prime \prime}$ | 76.5-350M | 0.36 |
| RA-176 | -43.928792 | -55.532529 | $43^{\circ} 55^{\prime} 43.65{ }^{\prime \prime}$ | 55 ${ }^{\circ} 31^{\prime} 57.10^{\prime \prime}$ | 76.5-350M | 0.36 |
| RA-177 | -43.93116 | -55.540174 | $43^{\circ} 55^{\prime} 52.18^{\prime \prime}$ | 55 ${ }^{\circ} 32^{\prime} 24.63$ " | 76.5-350M | 0.36 |
| RA-178 | -43.931375 | -55.540869 | 43 $55^{\prime} 52.95{ }^{\prime \prime}$ | 55 ${ }^{\circ} 32^{\prime} 27.13^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.03 |
| RA-179 | -43.941787 | -55.542126 | $43^{\circ} 56{ }^{\prime} 30.43 "$ | 55 ${ }^{\circ} 32$ '31.65" | 76.5-2,500 isobath+100M | 0.63 |
| RA-180 | -43.947162 | -55.542846 | $43^{\circ} 56{ }^{\prime} 49.78^{\prime \prime}$ | $55^{\circ} 32$ '34.25" | 76.5-2,500 isobath+100M | 0.32 |
| RA-181 | -43.952536 | -55.543566 | $43^{\circ} 57^{\prime} 09.13^{\prime \prime}$ | 55 ${ }^{\circ} 32^{\prime} 36.84{ }^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.32 |
| RA-182 | -43.958376 | -55.544356 | $43^{\circ} 57^{\prime} 30.15^{\prime \prime}$ | 55 ${ }^{\circ} 32^{\prime} 39.68{ }^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.35 |
| RA-183 | -43.963745 | -55.545151 | $43^{\circ} 57^{\prime} 49.48^{\prime \prime}$ | 55 ${ }^{\circ} 32^{\prime} 42.54 "$ | 76.5-2,500 isobath+100M | 0.32 |
| RA-184 | -43.969114 | -55.545946 | $43^{\circ} 58^{\prime} 08.81{ }^{\prime \prime}$ | $55^{\circ} 32{ }^{\prime} 45.41^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.32 |
| RA-185 | -43.974945 | -55.546817 | $43^{\circ} 58^{\prime} 29.80{ }^{\prime \prime}$ | 55 ${ }^{\circ} 32^{\prime} 48.54{ }^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.35 |
| RA-186 | -43.985672 | -55.548556 | $43^{\circ} 59^{\prime} 08.42^{\prime \prime}$ | $55^{\circ} 32{ }^{\circ} 54.80 "$ | 76.5-2,500 isobath+100M | 0.65 |
| RA-187 | -43.991497 | -55.549507 | 43 $59^{\prime} 29.39^{\prime \prime}$ | $55^{\circ} 32$ 58.23" | 76.5-2,500 isobath+100M | 0.35 |
| RA-188 | -43.996854 | -55.550451 | $43^{\circ} 59^{\prime} 48.67{ }^{\prime \prime}$ | 55º 33' 01.62" | 76.5-2,500 isobath+100M | 0.32 |
| RA-189 | -44.002211 | -55.551396 | $44^{\circ} 00{ }^{\prime} 07.96{ }^{\prime \prime}$ | 55º 33' 05.03" | 76.5-2,500 isobath+100M | 0.32 |
| RA-190 | -44.008029 | -55.552428 | $44^{\circ} 00^{\prime} 28.90^{\prime \prime}$ | 55 ${ }^{\circ} 33^{\prime} 08.74{ }^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.35 |
| RA-191 | -44.013378 | -55.553448 | $44^{\circ} 00{ }^{\prime} 48.16^{\prime \prime}$ | $55^{\circ} 33^{\prime} 12.41^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.32 |
| RA-192 | -44.018728 | -55.554467 | $44^{\circ} 01^{\prime} 07.42^{\prime \prime}$ | 55 ${ }^{\circ} 33^{\prime} 16.08{ }^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.32 |
| RA-193 | -44.024538 | -55.555581 | 44* $01{ }^{\prime} 28.34^{\prime \prime}$ | 55 ${ }^{\circ} 33^{\prime} 20.09{ }^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.35 |
| RA-194 | -44.029879 | -55.556675 | $44^{\circ} 01^{\prime} 47.56{ }^{\prime \prime}$ | 55 ${ }^{\circ} 33^{\prime} 24.03^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.32 |
| RA-195 | -44.035221 | -55.557768 | $44^{\circ} 02{ }^{\prime} 06.80^{\prime \prime}$ | 55 ${ }^{\circ} 33^{\prime} 27.96{ }^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.32 |
| RA-196 | -44.041024 | -55.558963 | $44^{\circ} 02{ }^{\prime} 27.69{ }^{\prime \prime}$ | 55º 33' 32.27" | 76.5-2,500 isobath+100M | 0.35 |
| RA-197 | -44.046358 | -55.560131 | $44^{\circ} 02{ }^{\prime} 46.89{ }^{\prime \prime}$ | 55º 33' 36.47" | 76.5-2,500 isobath+100M | 0.32 |
| RA-198 | -44.051691 | -55.561299 | 44 $0{ }^{\circ} 03^{\prime} 06.09{ }^{\prime \prime}$ | $55^{\circ} 33^{\prime} 40.68{ }^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.32 |
| RA-199 | -44.057485 | -55.562574 | $44^{\circ} 03^{\prime} 26.95{ }^{\prime \prime}$ | $55^{\circ} 33^{\prime} 45.27{ }^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.35 |
| RA-200 | -44.06281 | -55.563817 | $44^{\circ} 03^{\prime} 46.12{ }^{\prime \prime}$ | 55º 33' 49.74" | 76.5-2,500 isobath+100M | 0.32 |
| RA-201 | -44.068135 | -55.565059 | 44 $0{ }^{\circ} 0{ }^{\prime} 05.29^{\prime \prime}$ | 55 ${ }^{\circ} 33^{\prime} 54.21{ }^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.32 |


| Outer Limit Point Identifier | Latitude | Longitude | Latitude S (DMS) | Longitude W (DMS) | Article 76 criterion | Distance from previous point <br> (M) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| RA-202 | -44.073918 | -55.566416 | 44 ${ }^{\circ} 04^{\prime} 26.10^{\prime \prime}$ | 55 ${ }^{\circ} 33^{\prime} 59.10^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.35 |
| RA-203 | -44.079234 | -55.567734 | $44^{\circ} 04^{\prime} 45.24{ }^{\prime \prime}$ | $55^{\circ} 34^{\prime} 03.84{ }^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.32 |
| RA-204 | -44.08455 | -55.569052 | $44^{\circ} 05^{\prime} 04.38^{\prime \prime}$ | 55 ${ }^{\circ} 34^{\prime} 08.59{ }^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.32 |
| RA-205 | -44.090323 | -55.57049 | $44^{\circ} 05^{\prime} 25.16^{\prime \prime}$ | $55^{\circ} 34^{\prime} 13.76{ }^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.35 |
| RA-206 | -44.095629 | -55.571881 | $44^{\circ} 05^{\prime} 44.26^{\prime \prime}$ | 55 ${ }^{\circ} 34^{\prime} 18.77^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.32 |
| RA-207 | -44.100935 | -55.573274 | $44^{\circ} 06^{\prime} 03.37{ }^{\prime \prime}$ | 55 ${ }^{\circ} 34^{\prime} 23.79^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.32 |
| RA-208 | -44.106697 | -55.574792 | $44^{\circ} 06^{\prime} 24.11^{\prime \prime}$ | 55 ${ }^{\circ} 34^{\prime} 29.25^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.35 |
| RA-209 | -44.111992 | -55.576257 | $44^{\circ} 06^{\prime} 43.17^{\prime \prime}$ | $55^{\circ} 34^{\prime} 34.53{ }^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.32 |
| RA-210 | -44.117288 | -55.577723 | $44^{\circ} 07^{\prime} 02.24{ }^{\prime \prime}$ | 55 ${ }^{\circ} 34^{\prime} 39.80^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.32 |
| RA-211 | -44.123039 | -55.579322 | 44 ${ }^{\circ} 07^{\prime} 22.94{ }^{\prime \prime}$ | 55 ${ }^{\circ} 34^{\prime} 45.56{ }^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.35 |
| RA-212 | -44.128324 | -55.580862 | $44^{\circ} 07{ }^{\prime} 41.97^{\prime \prime}$ | 55 ${ }^{\circ} 34^{\prime} 51.10^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.32 |
| RA-213 | -44.139348 | -55.584082 | 44 $0{ }^{\circ}$ ' 21.65" | $55^{\circ} 35^{\prime} 02.70^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.68 |
| RA-214 | -44.144621 | -55.585697 | $44^{\circ} 08^{\prime} 40.64{ }^{\prime \prime}$ | $55^{\circ} 35^{\prime} 08.51{ }^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.32 |
| RA-215 | -44.149894 | -55.587312 | $44^{\circ} 08^{\prime} 59.62{ }^{\prime \prime}$ | $55^{\circ} 35^{\prime} 14.32^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.32 |
| RA-216 | -44.155621 | -55.589072 | $44^{\circ} 09^{\prime} 20.24{ }^{\prime \prime}$ | 55 ${ }^{\circ} 35^{\prime} 20.66{ }^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.35 |
| RA-217 | -44.160882 | -55.59076 | $44^{\circ} 09^{\prime} 39.18^{\prime \prime}$ | 55 ${ }^{\circ} 35^{\prime} 26.74{ }^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.32 |
| RA-218 | -44.166143 | -55.592448 | 44${ }^{\circ} 09^{\prime} 58.11^{\prime \prime}$ | 55 ${ }^{\circ} 35^{\prime} 32.81{ }^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.32 |
| RA-219 | -44.171856 | -55.594288 | $44^{\circ} 10^{\prime} 18.68{ }^{\prime \prime}$ | 55 ${ }^{\circ} 35^{\prime} 39.44 "$ | 76.5-2,500 isobath+100M | 0.35 |
| RA-220 | -44.177104 | -55.596051 | $44^{\circ} 10^{\prime} 37.57^{\prime \prime}$ | $55^{\circ} 35^{\prime} 45.78{ }^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.32 |
| RA-221 | -44.182353 | -55.597813 | 44* $10^{\prime} 56.47^{\prime \prime}$ | 55 ${ }^{\circ} 35^{\prime} 52.13^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.32 |
| RA-222 | -44.188054 | -55.599735 | 44* $11{ }^{\prime} 16.99^{\prime \prime}$ | 55 ${ }^{\circ} 35^{\prime} 59.05^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.35 |
| RA-223 | -44.193289 | -55.601571 | $44^{\circ} 11^{\prime} 35.84^{\prime \prime}$ | 55 ${ }^{\circ} 36{ }^{\prime} 05.66^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.32 |
| RA-224 | -44.198525 | -55.603408 | $44^{\circ} 11^{\prime} 54.69{ }^{\prime \prime}$ | $55^{\circ} 36{ }^{\prime} 12.27{ }^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.32 |
| RA-225 | -44.204212 | -55.605409 | $44^{\circ} 12^{\prime} 15.16^{\prime \prime}$ | $55^{\circ} 36{ }^{\prime} 19.47{ }^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.35 |
| RA-226 | -44.209434 | -55.607319 | $44^{\circ} 12^{\prime} 33.96^{\prime \prime}$ | 55 ${ }^{\circ} 36{ }^{\prime} 26.35^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.32 |
| RA-227 | -44.214656 | -55.609229 | $44^{\circ} 12^{\prime} 52.76^{\prime \prime}$ | 55 ${ }^{\circ} 36{ }^{\prime} 33.22^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.32 |
| RA-228 | -44.220326 | -55.61131 | $44^{\circ} 13^{\prime} 13.17^{\prime \prime}$ | $55^{\circ} 36{ }^{\prime} 40.72^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.35 |
| RA-229 | -44.225534 | -55.613293 | $44^{\circ} 13^{\prime} 31.92^{\prime \prime}$ | 55 ${ }^{\circ} 36$ '47.85" | 76.5-2,500 isobath+100M | 0.32 |
| RA-230 | -44.230742 | -55.615276 | 44 $13{ }^{\circ} 50.67{ }^{\prime \prime}$ | $55^{\circ} 36{ }^{\prime} 54.99^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.32 |


| Outer Limit Point Identifier | Latitude | Longitude | Latitude S (DMS) | Longitude W (DMS) | Article 76 criterion | Distance from previous point (M) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| RA-231 | -44.235988 | -55.617274 | 44${ }^{\circ} 14^{\prime} 09.56 "$ | 55 ${ }^{\circ} 37{ }^{\prime} 02.19^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.33 |
| RA-232 | -44.241186 | -55.619307 | 44* $14^{\prime} 28.27^{\prime \prime}$ | 55 ${ }^{\circ} 37{ }^{\prime}$ 09.51" | 76.5-2,500 isobath+100M | 0.32 |
| RA-233 | -44.250509 | -55.621362 | $44^{\circ} 15^{\prime} 01.83 "$ | 55 ${ }^{\circ} 37{ }^{\prime} 16.90$ " | 76.5-2,500 isobath+100M | 0.57 |
| RA-234 | -44.256301 | -55.622644 | $44^{\circ} 15^{\prime} 22.68{ }^{\prime \prime}$ | 55 ${ }^{\circ} 37{ }^{\prime} 21.52{ }^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.35 |
| RA-235 | -44.261626 | -55.623889 | 44 $15^{\prime} 41.85{ }^{\prime \prime}$ | 55 ${ }^{\circ} 37{ }^{\prime} 26.00$ " | 76.5-2,500 isobath+100M | 0.32 |
| RA-236 | -44.266951 | -55.625134 | $44^{\circ} 16^{\prime} 01.02^{\prime \prime}$ | 55 ${ }^{\circ} 37{ }^{\prime} 30.48{ }^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.32 |
| RA-237 | -44.272734 | -55.626493 | $44^{\circ} 16^{\prime} 21.84 "$ | 55 ${ }^{\circ} 37{ }^{\prime} 35.37{ }^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.35 |
| RA-238 | -44.278049 | -55.627814 | $44^{\circ} 16^{\prime} 40.98{ }^{\prime \prime}$ | 55 ${ }^{\circ} 37{ }^{\prime} 40.13^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.32 |
| RA-239 | -44.283365 | -55.629135 | $44^{\circ} 17^{\prime} 00.11^{\prime \prime}$ | 55 ${ }^{\circ} 37{ }^{\prime} 44.89$ " | 76.5-2,500 isobath+100M | 0.32 |
| RA-240 | -44.289139 | -55.630576 | 44${ }^{\circ} 17^{\prime} 20.90^{\prime \prime}$ | 55 ${ }^{\circ} 37{ }^{\prime} 50.07{ }^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.35 |
| RA-241 | -44.294445 | -55.631971 | 44* $17{ }^{\circ} 40.00^{\prime \prime}$ | 55 ${ }^{\circ} 37{ }^{\prime} 55.10{ }^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.32 |
| RA-242 | -44.299751 | -55.633366 | 44* $17{ }^{\prime} 59.10^{\prime \prime}$ | 55 ${ }^{\circ} 38{ }^{\prime} 00.11^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.32 |
| RA-243 | -44.305513 | -55.634887 | $44^{\circ} 18^{\prime} 19.85{ }^{\prime \prime}$ | 55 ${ }^{\circ} 38{ }^{\prime} 05.59 "$ | 76.5-2,500 isobath+100M | 0.35 |
| RA-244 | -44.310808 | -55.636357 | $44^{\circ} 18^{\prime} 38.91^{\prime \prime}$ | 55 ${ }^{\circ} 38{ }^{\prime} 10.89$ " | 76.5-2,500 isobath+100M | 0.32 |
| RA-245 | -44.316104 | -55.637827 | $44^{\circ} 18{ }^{\prime} 57.97^{\prime \prime}$ | 55 ${ }^{\circ} 38{ }^{\prime} 16.18{ }^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.32 |
| RA-246 | -44.32714 | -55.640974 | 44* 19'37.70" | 55 ${ }^{\circ} 38{ }^{\prime} 27.51{ }^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.68 |
| RA-247 | -44.332425 | -55.642519 | 44* $19^{\prime} 56.73^{\prime \prime}$ | 55 ${ }^{\circ} 38{ }^{\prime} 33.07{ }^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.32 |
| RA-248 | -44.338164 | -55.644202 | $44^{\circ} 20^{\prime} 17.39^{\prime \prime}$ | 55 ${ }^{\circ} 38^{\prime} 39.13 "$ | 76.5-2,500 isobath+100M | 0.35 |
| RA-249 | -44.343437 | -55.64582 | $44^{\circ} 20^{\prime} 36.37{ }^{\prime \prime}$ | 55 ${ }^{\circ} 38^{\prime} 44.95{ }^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.32 |
| RA-250 | -44.34871 | -55.647439 | $44^{\circ} 20^{\prime} 55.36{ }^{\prime \prime}$ | 55 ${ }^{\circ} 38{ }^{\prime} 50.78{ }^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.32 |
| RA-251 | -44.354438 | -55.649204 | $44^{\circ} 21^{\prime} 15.98^{\prime \prime}$ | 55 ${ }^{\circ} 38{ }^{\prime} 57.13 "$ | 76.5-2,500 isobath+100M | 0.35 |
| RA-252 | -44.3597 | -55.650897 | $44^{\circ} 21^{\prime} 34.92^{\prime \prime}$ | 55º 39' 03.23" | 76.5-2,500 isobath+100M | 0.32 |
| RA-253 | -44.364961 | -55.65259 | $44^{\circ} 21^{\prime} 53.86 "$ | 55 ${ }^{\circ} 39^{\prime} 09.32{ }^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.32 |
| RA-254 | -44.370674 | -55.654436 | $44^{\circ} 22^{\prime} 14.43 "$ | 55 ${ }^{\circ} 39^{\prime} 15.97{ }^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.35 |
| RA-255 | -44.375923 | -55.656202 | $44^{\circ} 22^{\prime} 33.32{ }^{\prime \prime}$ | 55º 39' 22.33" | 76.5-2,500 isobath+100M | 0.32 |
| RA-256 | -44.381172 | -55.657969 | 44* $22{ }^{\prime} 52.22{ }^{\prime \prime}$ | 55º 39' 28.69" | 76.5-2,500 isobath+100M | 0.32 |
| RA-257 | -44.387104 | -55.659975 | $44^{\circ} 23^{\prime} 13.57{ }^{\prime \prime}$ | 55 ${ }^{\circ} 39^{\prime} 35.91$ " | 76.5-2,500 isobath+100M | 0.37 |
| RA-258 | -44.392342 | -55.661805 | $44^{\circ} 23^{\prime} 32.43 "$ | 55 ${ }^{\circ} 39^{\prime} 42.50$ " | 76.5-2,500 isobath+100M | 0.32 |
| RA-259 | -44.39758 | -55.663634 | $44^{\circ} 23^{\prime} 51.29{ }^{\prime \prime}$ | 55º 39 ' 49.08" | 76.5-2,500 isobath+100M | 0.32 |


| Outer Limit Point Identifier | Latitude | Longitude | Latitude S (DMS) | Longitude W (DMS) | Article 76 criterion | Distance from previous point (M) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| RA-260 | -44.408131 | -55.665385 | 44² 24' $29.27{ }^{\prime \prime}$ | 55 ${ }^{\circ} 39$ ' 55.39" | 76.5-2,500 isobath+100M | 0.64 |
| RA-261 | -44.413487 | -55.666333 | 44* $24^{\prime} 48.55^{\prime \prime}$ | 55 ${ }^{\circ} 39$ ' 58.80" | 76.5-2,500 isobath+100M | 0.32 |
| RA-262 | -44.418844 | -55.667282 | $44^{\circ} 25^{\prime} 07.84{ }^{\prime \prime}$ | $55^{\circ} 40$ 02.22" | 76.5-2,500 isobath+100M | 0.32 |
| RA-263 | -44.424661 | -55.668318 | $44^{\circ} 25^{\prime} 28.78^{\prime \prime}$ | 55 ${ }^{\circ} 40$ 05.94" | 76.5-2,500 isobath+100M | 0.35 |
| RA-264 | -44.43001 | -55.669342 | $44^{\circ} 25^{\prime} 48.04{ }^{\prime \prime}$ | 55 ${ }^{\circ} 40$ '09.63" | 76.5-2,500 isobath+100M | 0.32 |
| RA-265 | -44.43536 | -55.670366 | $44^{\circ} 26^{\prime} 07.30 "$ | 55 ${ }^{\circ} 40$ '13.32" | 76.5-2,500 isobath+100M | 0.32 |
| RA-266 | -44.44117 | -55.671484 | $44^{\circ} 26^{\prime} 28.21^{\prime \prime}$ | 55 ${ }^{\circ} 40$ '17.34" | 76.5-2,500 isobath+100M | 0.35 |
| RA-267 | -44.446512 | -55.672582 | 44 $26^{\prime} 47.44{ }^{\prime \prime}$ | 55 ${ }^{\circ} 40^{\prime} 21.30 "$ | 76.5-2,500 isobath+100M | 0.32 |
| RA-268 | -44.451853 | -55.67368 | 44${ }^{\circ} 27^{\prime} 06.67{ }^{\prime \prime}$ | $55^{\circ} 40 ' 25.25{ }^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.32 |
| RA-269 | -44.457656 | -55.67488 | 44* $27^{\prime} 27.56{ }^{\prime \prime}$ | 55 ${ }^{\circ} 40^{\prime} 29.57{ }^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.35 |
| RA-270 | -44.46299 | -55.676053 | $44^{\circ} 27^{\prime} 46.76^{\prime \prime}$ | 55 ${ }^{\circ} 40$ ' 33.79" | 76.5-2,500 isobath+100M | 0.32 |
| RA-271 | -44.468324 | -55.677227 | $44^{\circ} 28^{\prime} 05.97{ }^{\prime \prime}$ | $55^{\circ} 40 ' 38.02{ }^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.32 |
| RA-272 | -44.474094 | -55.678503 | $44^{\circ} 28^{\prime} 26.74{ }^{\prime \prime}$ | $55^{\circ} 40 ' 42.61{ }^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.35 |
| RA-273 | -44.479419 | -55.679752 | $44^{\circ} 28^{\prime} 45.91^{\prime \prime}$ | $55^{\circ} 40 ' 47.11{ }^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.32 |
| RA-274 | -44.484743 | -55.681001 | $44^{\circ} 29^{\prime} 05.07{ }^{\prime \prime}$ | 55 ${ }^{\circ} 40$ 51.60" | 76.5-2,500 isobath+100M | 0.32 |
| RA-275 | -44.490068 | -55.68225 | $44^{\circ} 29^{\prime} 24.24{ }^{\prime \prime}$ | 55 ${ }^{\circ} 40$ 56.10" | 76.5-2,500 isobath+100M | 0.32 |
| RA-276 | -44.498437 | -55.682586 | 44${ }^{\circ} 29^{\prime} 54.37{ }^{\prime \prime}$ | 55 ${ }^{\circ} 40$ ' 57.31" | 76.5-2,500 isobath+100M | 0.5 |
| RA-277 | -44.503833 | -55.682856 | $44^{\circ} 30^{\prime} 13.80 "$ | 55 ${ }^{\circ} 40$ ' 58.28" | 76.5-2,500 isobath+100M | 0.32 |
| RA-278 | -44.509229 | -55.683126 | $44^{\circ} 30^{\prime} 33.22^{\prime \prime}$ | 55 ${ }^{\circ} 40$ ' 59.25" | 76.5-2,500 isobath+100M | 0.32 |
| RA-279 | -44.515091 | -55.683425 | $44^{\circ} 30^{\prime} 54.33^{\prime \prime}$ | 55 ${ }^{\circ} 41^{\prime} 00.33^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.35 |
| RA-280 | -44.525878 | -55.684117 | $44^{\circ} 31^{\prime} 33.16^{\prime \prime}$ | 55 ${ }^{\circ} 41^{\prime} 02.82{ }^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.65 |
| RA-281 | -44.531738 | -55.684499 | $44^{\circ} 31{ }^{\prime} 54.26^{\prime \prime}$ | 55 ${ }^{\circ} 41^{\prime} 04.20 "$ | 76.5-2,500 isobath+100M | 0.35 |
| RA-282 | -44.537129 | -55.68492 | $44^{\circ} 32{ }^{\prime} 13.66^{\prime \prime}$ | 55 ${ }^{\circ} 41^{\prime} 05.71{ }^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.32 |
| RA-283 | -44.54252 | -55.685341 | $44^{\circ} 32{ }^{\prime} 33.07{ }^{\prime \prime}$ | 55* 41' 07.23" | 76.5-2,500 isobath+100M | 0.32 |
| RA-284 | -44.548375 | -55.685805 | $44^{\circ} 32{ }^{\prime} 54.15^{\prime \prime}$ | 550 41' 08.90" | 76.5-2,500 isobath+100M | 0.35 |
| RA-285 | -44.553763 | -55.686302 | 44 $33^{\prime} 13.55{ }^{\prime \prime}$ | 550 41' 10.69" | 76.5-2,500 isobath+100M | 0.32 |
| RA-286 | -44.55915 | -55.686798 | $44^{\circ} 33^{\prime} 32.94^{\prime \prime}$ | 55 ${ }^{\circ} 41^{\prime} 12.47{ }^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.32 |
| RA-287 | -44.565003 | -55.687344 | 44 $33^{\prime} 54.01^{\prime \prime}$ | 55 ${ }^{\circ} 41^{\prime} 14.44$ " | 76.5-2,500 isobath+100M | 0.35 |
| RA-288 | -44.570387 | -55.687916 | 44 $34^{\prime} 13.39{ }^{\prime \prime}$ | $55^{\circ} 41^{\prime} 16.50$ " | 76.5-2,500 isobath+100M | 0.32 |


| Outer Limit Point Identifier | Latitude | Longitude | Latitude S (DMS) | Longitude W (DMS) | Article 76 criterion | Distance from previous point (M) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| RA-289 | -44.57577 | -55.688489 | 44* $34^{\prime} 32.77^{\prime \prime}$ | $55^{\circ} 41^{\prime} 18.56{ }^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.32 |
| RA-290 | -44.581618 | -55.689118 | 44 $34^{\circ} 53.82{ }^{\prime \prime}$ | $55^{\circ} 41^{\prime} 20.82{ }^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.35 |
| RA-291 | -44.586997 | -55.689765 | 44* $35^{\prime} 13.19{ }^{\prime \prime}$ | 55 ${ }^{\circ} 41^{\prime} 23.15^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.32 |
| RA-292 | -44.592377 | -55.690413 | 44* 35' 32.56" | 55 ${ }^{\circ} 41^{\prime} 25.49{ }^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.32 |
| RA-293 | -44.59822 | -55.691123 | 44* $35^{\prime} 53.59{ }^{\prime \prime}$ | 55º 41' 28.04" | 76.5-2,500 isobath+100M | 0.35 |
| RA-294 | -44.603594 | -55.691846 | $44^{\circ} 36{ }^{\prime} 12.94{ }^{\prime \prime}$ | $55^{\circ} 41^{\prime} 30.65^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.32 |
| RA-295 | -44.608969 | -55.692569 | $44^{\circ} 36{ }^{\prime} 32.29{ }^{\prime \prime}$ | $55^{\circ} 41^{\prime} 33.25^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.32 |
| RA-296 | -44.614806 | -55.693362 | 44* $36{ }^{\circ} 53.30{ }^{\prime \prime}$ | $55^{\circ} 41^{\prime} 36.10^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.35 |
| RA-297 | -44.620175 | -55.694161 | $44^{\circ} 37^{\prime} 12.63^{\prime \prime}$ | $55^{\circ} 41^{\prime} 38.98{ }^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.32 |
| RA-298 | -44.625544 | -55.69496 | 44* $37{ }^{\circ} 31.96{ }^{\prime \prime}$ | $55^{\circ} 41^{\prime} 41.86 "$ | 76.5-2,500 isobath+100M | 0.32 |
| RA-299 | -44.631376 | -55.695834 | 44* $37{ }^{\circ} 52.95{ }^{\prime \prime}$ | $55^{\circ} 41^{\prime} 45.00 "$ | 76.5-2,500 isobath+100M | 0.35 |
| RA-300 | -44.63674 | -55.696709 | $44^{\circ} 38^{\prime} 12.26 "$ | $55^{\circ} 41^{\prime} 48.15^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.32 |
| RA-301 | -44.642103 | -55.697585 | $44^{\circ} 38^{\prime} 31.57{ }^{\prime \prime}$ | $55^{\circ} 41^{\prime} 51.31 "$ | 76.5-2,500 isobath+100M | 0.32 |
| RA-302 | -44.647927 | -55.698542 | 44* $38^{\prime} 52.54{ }^{\prime \prime}$ | 55 ${ }^{\circ} 41^{\prime} 54.75{ }^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.35 |
| RA-303 | -44.653284 | -55.699492 | 44* $39^{\prime} 11.82{ }^{\prime \prime}$ | 55 ${ }^{\circ} 41^{\prime} 58.17{ }^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.32 |
| RA-304 | -44.65864 | -55.700441 | 44* 39' 31.10" | 55 ${ }^{\circ} 42^{\prime} 01.59{ }^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.32 |
| RA-305 | -44.664458 | -55.70148 | 44* $39^{\circ} 52.05^{\prime \prime}$ | $55^{\circ} 42^{\prime} 05.33^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.35 |
| RA-306 | -44.669807 | -55.702505 | $44^{\circ} 40^{\prime} 11.31^{\prime \prime}$ | 55 ${ }^{\circ} 42^{\prime} 09.02^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.32 |
| RA-307 | -44.675157 | -55.703531 | 44* $40^{\prime} 30.57{ }^{\prime \prime}$ | 55 ${ }^{\circ} 42^{\prime} 12.71{ }^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.32 |
| RA-308 | -44.680968 | -55.704653 | 44* 40 '51.48" | 55 ${ }^{\circ} 42^{\prime} 16.75{ }^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.35 |
| RA-309 | -44.686309 | -55.705754 | 44* $41^{\prime} 10.71^{\prime \prime}$ | 55 ${ }^{\circ} 42^{\prime} 20.71^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.32 |
| RA-310 | -44.691651 | -55.706856 | 44* $41^{\prime} 29.94{ }^{\prime \prime}$ | 55 ${ }^{\circ} 42^{\prime} 24.68{ }^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.32 |
| RA-311 | -44.697452 | -55.708059 | 44 $41^{\circ} 50.83^{\prime \prime}$ | 55 ${ }^{\circ} 42^{\prime} 29.01 "$ | 76.5-2,500 isobath+100M | 0.35 |
| RA-312 | -44.702785 | -55.709236 | 44* $42^{\prime} 10.03 "$ | $55^{\circ} 42$ '33.25" | 76.5-2,500 isobath+100M | 0.32 |
| RA-313 | -44.713912 | -55.711697 | 44* $42^{\prime} 50.08^{\prime \prime}$ | $55^{\circ} 42^{\prime} 42.11^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.68 |
| RA-314 | -44.719237 | -55.712949 | 44* $43^{\prime} 09.25^{\prime \prime}$ | 55 ${ }^{\circ} 42^{\prime} 46.62{ }^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.32 |
| RA-315 | -44.724562 | -55.7142 | 44* $43^{\prime} 28.42^{\prime \prime}$ | 55 ${ }^{\circ} 42^{\prime} 51.12^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.32 |
| RA-316 | -44.730074 | -55.715498 | 44* $43^{\prime} 48.27^{\prime \prime}$ | 55 ${ }^{\circ} 42^{\prime} 55.79{ }^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.34 |
| RA-317 | -44.740548 | -55.717965 | 44* $44^{\prime} 25.97{ }^{\prime \prime}$ | 55* 43' 04.67" | 76.5-2,500 isobath+100M | 0.64 |


| Outer Limit Point Identifier | Latitude | Longitude | Latitude S (DMS) | Longitude W (DMS) | Article 76 criterion | Distance from previous point <br> (M) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| RA-318 | -44.746331 | -55.719333 | 44* $44^{\prime} 46.79^{\prime \prime}$ | $55^{\circ} 43^{\prime} 09.60 "$ | 76.5-2,500 isobath+100M | 0.35 |
| RA-319 | -44.751647 | -55.720661 | $44^{\circ} 45^{\prime} 05.93{ }^{\prime \prime}$ | $55^{\circ} 43^{\prime} 14.38{ }^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.32 |
| RA-320 | -44.756963 | -55.721989 | $44^{\circ} 45^{\prime} 25.07^{\prime \prime}$ | $55^{\circ} 43^{\prime} 19.16{ }^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.32 |
| RA-321 | -44.762736 | -55.723438 | $44^{\circ} 45^{\prime} 45.85{ }^{\prime \prime}$ | $55^{\circ} 43^{\prime} 24.38^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.35 |
| RA-322 | -44.768042 | -55.72484 | $44^{\circ} 46^{\prime} 04.95^{\prime \prime}$ | 55 ${ }^{\circ} 43^{\prime} 29.42^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.32 |
| RA-323 | -44.773348 | -55.726243 | $44^{\circ} 46^{\prime} 24.05^{\prime \prime}$ | 55º 43' 34.47" | 76.5-2,500 isobath+100M | 0.32 |
| RA-324 | -44.77911 | -55.727774 | $44^{\circ} 46^{\prime} 44.80^{\prime \prime}$ | 55* 43' 39.99" | 76.5-2,500 isobath+100M | 0.35 |
| RA-325 | -44.784406 | -55.729252 | 44* $47{ }^{\circ} 03.86 "$ | $55^{\circ} 43^{\prime} 45.31{ }^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.32 |
| RA-326 | -44.789701 | -55.73073 | 44* $47^{\prime} 22.92^{\prime \prime}$ | 55 ${ }^{\circ} 43^{\prime} 50.63^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.32 |
| RA-327 | -44.799955 | -55.733663 | 44* $47^{\prime} 59.84^{\prime \prime}$ | $55^{\circ} 44^{\prime} 01.19{ }^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.63 |
| RA-328 | -44.80524 | -55.735215 | 44* $48^{\prime} 18.86{ }^{\prime \prime}$ | 55 ${ }^{\circ} 44^{\prime} 06.77^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.32 |
| RA-329 | -44.810525 | -55.736767 | $44^{\circ} 48^{\prime} 37.89^{\prime \prime}$ | $55^{\circ} 44^{\prime} 12.36 "$ | 76.5-2,500 isobath+100M | 0.32 |
| RA-330 | -44.818755 | -55.739223 | $44^{\circ} 49^{\prime} 07.52^{\prime \prime}$ | $55^{\circ} 44^{\prime} 21.20^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.5 |
| RA-331 | -44.824029 | -55.740851 | $44^{\circ} 49^{\prime} 26.50{ }^{\prime \prime}$ | 55 ${ }^{\circ} 44^{\prime} 27.06{ }^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.32 |
| RA-332 | -44.829302 | -55.742479 | $44^{\circ} 49^{\prime} 45.49^{\prime \prime}$ | $55^{\circ} 44^{\prime} 32.92^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.32 |
| RA-333 | -44.835029 | -55.744255 | 44* $50{ }^{\prime} 06.10^{\prime \prime}$ | 55* 44' 39.32" | 76.5-2,500 isobath+100M | 0.35 |
| RA-334 | -44.840291 | -55.745958 | 44* $50{ }^{\prime} 25.05^{\prime \prime}$ | 55 ${ }^{\circ} 44^{\prime} 45.45{ }^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.32 |
| RA-335 | -44.845552 | -55.747662 | $44^{\circ} 50{ }^{\prime} 43.99^{\prime \prime}$ | 55 ${ }^{\circ} 44^{\prime} 51.58{ }^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.32 |
| RA-336 | -44.851265 | -55.749519 | $44^{\circ} 51^{\prime} 04.55^{\prime \prime}$ | 55 ${ }^{\circ} 44^{\prime} 58.27{ }^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.35 |
| RA-337 | -44.856514 | -55.751297 | $44^{\circ} 51^{\prime} 23.45^{\prime \prime}$ | 55* 45' 04.67" | 76.5-2,500 isobath+100M | 0.32 |
| RA-338 | -44.861763 | -55.753076 | 44* $51{ }^{\prime} 42.35^{\prime \prime}$ | 55* 45' 11.07" | 76.5-2,500 isobath+100M | 0.32 |
| RA-339 | -44.871818 | -55.756553 | $44^{\circ} 52^{\prime} 18.54^{\prime \prime}$ | 55 ${ }^{\circ} 45^{\prime} 23.59{ }^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.62 |
| RA-340 | -44.877054 | -55.758404 | $44^{\circ} 52{ }^{\prime} 37.39^{\prime \prime}$ | 55 ${ }^{\circ} 45^{\prime} 30.25^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.32 |
| RA-341 | -44.88229 | -55.760255 | $44^{\circ} 52{ }^{\prime} 56.24{ }^{\prime \prime}$ | 55* 45' 36.92" | 76.5-2,500 isobath+100M | 0.32 |
| RA-342 | -44.888251 | -55.761846 | $44^{\circ} 53^{\prime} 17.70^{\prime \prime}$ | 55 ${ }^{\circ} 45^{\prime} 42.65{ }^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.36 |
| RA-343 | -44.894013 | -55.763391 | 44* $53{ }^{\prime} 38.45{ }^{\prime \prime}$ | $55^{\circ} 45^{\prime} 48.21{ }^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.35 |
| RA-344 | -44.899308 | -55.764871 | 44* $53{ }^{\prime} 57.51{ }^{\prime \prime}$ | 55 ${ }^{\circ} 45^{\prime} 53.54 "$ | 76.5-2,500 isobath+100M | 0.32 |
| RA-345 | -44.904604 | -55.766352 | 44* $54{ }^{\prime} 16.57{ }^{\prime \prime}$ | 55º 45' 58.87" | 76.5-2,500 isobath+100M | 0.32 |
| RA-346 | -44.910354 | -55.767967 | 44 $54^{\prime} 37.27^{\prime \prime}$ | $55^{\circ} 46{ }^{\prime} 04.68{ }^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.35 |


| Outer Limit Point Identifier | Latitude | Longitude | Latitude S (DMS) | Longitude W (DMS) | Article 76 criterion | Distance from previous point <br> (M) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| RA-347 | -44.915639 | -55.769521 | 44${ }^{\circ} 54{ }^{\prime} 56.30 "$ | $55^{\circ} 46{ }^{\prime} 10.28{ }^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.32 |
| RA-348 | -44.926663 | -55.772772 | 44* $55^{\prime} 35.99^{\prime \prime}$ | $55^{\circ} 46^{\prime} 21.98{ }^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.68 |
| RA-349 | -44.931936 | -55.774403 | 44${ }^{\circ} 55^{\prime} 54.97^{\prime \prime}$ | $55^{\circ} 46^{\prime} 27.85^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.32 |
| RA-350 | -44.93721 | -55.776034 | $44^{\circ} 56^{\prime} 13.96{ }^{\prime \prime}$ | $55^{\circ} 46^{\prime} 33.72^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.32 |
| RA-351 | -44.942937 | -55.777812 | $44^{\circ} 56^{\prime} 34.57^{\prime \prime}$ | $55^{\circ} 46^{\prime} 40.12^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.35 |
| RA-352 | -44.948198 | -55.779518 | 44*${ }^{\circ} 56{ }^{\prime} 53.51^{\prime \prime}$ | $55^{\circ} 46^{\prime} 46.26 "$ | 76.5-2,500 isobath+100M | 0.32 |
| RA-353 | -44.953459 | -55.781225 | $44^{\circ} 57^{\prime} 12.45{ }^{\prime \prime}$ | $55^{\circ} 46^{\prime} 52.41^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.32 |
| RA-354 | -44.959173 | -55.783085 | 44* $5{ }^{\circ}$ ' 33.02" | $55^{\circ} 46$ 59.11" | 76.5-2,500 isobath+100M | 0.35 |
| RA-355 | -44.964422 | -55.784865 | 44* $57^{\prime} 51.92^{\prime \prime}$ | $55^{\circ} 47{ }^{\prime} 05.51{ }^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.32 |
| RA-356 | -44.969671 | -55.786646 | $44^{\circ} 58^{\prime} 10.82^{\prime \prime}$ | 55 ${ }^{\circ} 47^{\prime} 11.93$ " | 76.5-2,500 isobath+100M | 0.32 |
| RA-357 | -44.975372 | -55.788587 | $44^{\circ} 58^{\prime} 31.34 "$ | 55 ${ }^{\circ} 47^{\prime} 18.91^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.35 |
| RA-358 | -44.980608 | -55.790442 | 44${ }^{\circ} 58^{\prime} 50.19^{\prime \prime}$ | 55 ${ }^{\circ} 47^{\prime} 25.59{ }^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.32 |
| RA-359 | -44.985844 | -55.792298 | 44* $59^{\prime} 09.04{ }^{\prime \prime}$ | 55 ${ }^{\circ} 47^{\prime} 32.27{ }^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.32 |
| RA-360 | -44.9963 | -55.796081 | $44^{\circ} 59^{\prime} 46.68{ }^{\prime \prime}$ | 55 ${ }^{\circ} 47^{\prime} 45.89{ }^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.65 |
| RA-361 | -45.001522 | -55.798011 | $45^{\circ} 00^{\prime} 05.48^{\prime \prime}$ | 55 ${ }^{\circ} 47{ }^{\prime} 52.84 "$ | 76.5-2,500 isobath+100M | 0.32 |
| RA-362 | -45.006745 | -55.799941 | $45^{\circ} 00^{\prime} 24.28^{\prime \prime}$ | 55* 47' 59.79" | 76.5-2,500 isobath+100M | 0.32 |
| RA-363 | -45.012417 | -55.800869 | $45^{\circ} 00{ }^{\prime} 44.70^{\prime \prime}$ | 55 ${ }^{\circ} 48^{\prime} 03.13 "$ | 76.5-2,500 isobath+100M | 0.34 |
| RA-364 | -45.01778 | -55.801747 | $45^{\circ} 01{ }^{\prime} 04.01^{\prime \prime}$ | 55 ${ }^{\circ} 48^{\prime} 06.29 "$ | 76.5-2,500 isobath+100M | 0.32 |
| RA-365 | -45.027948 | -55.803478 | $45^{\circ} 01{ }^{\prime} 40.61{ }^{\prime \prime}$ | $55^{\circ} 48^{\prime} 12.52^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.61 |
| RA-366 | -45.033305 | -55.804429 | $45^{\circ} 01^{\prime} 59.90^{\prime \prime}$ | 55 ${ }^{\circ} 48^{\prime} 15.94{ }^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.32 |
| RA-367 | -45.038662 | -55.805381 | $45^{\circ} 02^{\prime} 19.18^{\prime \prime}$ | $55^{\circ} 48^{\prime} 19.37^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.32 |
| RA-368 | -45.047979 | -55.806344 | $45^{\circ} 02^{\prime} 52.72^{\prime \prime}$ | 55 ${ }^{\circ} 48^{\prime} 22.84 "$ | 76.5-2,500 isobath+100M | 0.56 |
| RA-369 | -45.053363 | -55.806918 | $45^{\circ} 03^{\prime} 12.11^{\prime \prime}$ | $55^{\circ} 48^{\prime} 24.90{ }^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.32 |
| RA-370 | -45.059209 | -55.807547 | $45^{\circ} 03^{\prime} 33.15^{\prime \prime}$ | 55 ${ }^{\circ} 48^{\prime} 27.17{ }^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.35 |
| RA-371 | -45.064588 | -55.808196 | $45^{\circ} 03^{\prime} 52.52$ " | 55 ${ }^{\circ} 48^{\prime} 29.51{ }^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.32 |
| RA-372 | -45.069968 | -55.808845 | $45^{\circ} 04^{\prime} 11.88{ }^{\prime \prime}$ | $55^{\circ} 48^{\prime} 31.84{ }^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.32 |
| RA-373 | -45.07581 | -55.809557 | 45 ${ }^{\circ} 04^{\prime} 32.92$ " | $55^{\circ} 48^{\prime} 34.41^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.35 |
| RA-374 | -45.081185 | -55.810283 | 45 ${ }^{\circ} 04^{\prime} 52.27{ }^{\prime \prime}$ | $55^{\circ} 48^{\prime} 37.02^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.32 |
| RA-375 | -45.086559 | -55.811009 | 45º 05' 11.61" | $55^{\circ} 48^{\prime} 39.63$ " | 76.5-2,500 isobath+100M | 0.32 |


| Outer Limit Point Identifier | Latitude | Longitude | Latitude S (DMS) | Longitude W (DMS) | Article 76 criterion | Distance from previous point (M) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| RA-376 | -45.092397 | -55.811805 | 45º 05' 32.63" | $55^{\circ} 48{ }^{\prime} 42.50 "$ | 76.5-2,500 isobath+100M | 0.35 |
| RA-377 | -45.097766 | -55.812607 | 45º 05' 51.96" | $55^{\circ} 48{ }^{\prime} 45.39^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.32 |
| RA-378 | -45.103135 | -55.813409 | $45^{\circ} 06^{\prime} 11.29{ }^{\prime \prime}$ | $55^{\circ} 48{ }^{\prime} 48.27{ }^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.32 |
| RA-379 | -45.108966 | -55.814286 | $45^{\circ} 06^{\prime} 32.28{ }^{\prime \prime}$ | $55^{\circ} 48{ }^{\prime} 51.43^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.35 |
| RA-380 | -45.114329 | -55.815164 | $45^{\circ} 06^{\prime} 51.58{ }^{\prime \prime}$ | $55^{\circ} 48{ }^{\prime} 54.59{ }^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.32 |
| RA-381 | -45.119692 | -55.816043 | 45 ${ }^{\circ} 07^{\prime} 10.89{ }^{\prime \prime}$ | 55 ${ }^{\circ} 48^{\prime} 57.75{ }^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.32 |
| RA-382 | -45.130873 | -55.817958 | 45 ${ }^{\circ} 07^{\prime} 51.14{ }^{\prime \prime}$ | 55* 49' 04.65" | 76.5-2,500 isobath+100M | 0.68 |
| RA-383 | -45.136229 | -55.818913 | $45^{\circ} 08^{\prime} 10.42^{\prime \prime}$ | 55 ${ }^{\circ} 49^{\prime} 08.09{ }^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.32 |
| RA-384 | -45.142047 | -55.819957 | 45 ${ }^{\circ} 08^{\prime} 31.37{ }^{\prime \prime}$ | 55 ${ }^{\circ} 49^{\prime} 11.85{ }^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.35 |
| RA-385 | -45.147397 | -55.820987 | 45 ${ }^{\circ} 08^{\prime} 50.63^{\prime \prime}$ | $55^{\circ} 49^{\prime} 15.55^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.32 |
| RA-386 | -45.152746 | -55.822017 | 45 ${ }^{\circ} 09^{\prime} 09.89{ }^{\prime \prime}$ | 55 ${ }^{\circ} 49^{\prime} 19.26 "$ | 76.5-2,500 isobath+100M | 0.32 |
| RA-387 | -45.158556 | -55.823143 | $45^{\circ} 09^{\prime} 30.80 "$ | 55 ${ }^{\circ} 49^{\prime} 23.31^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.35 |
| RA-388 | -45.163898 | -55.824251 | 45 ${ }^{\circ} 09^{\prime} 50.03{ }^{\prime \prime}$ | $55^{\circ} 49$ 27.30' | 76.5-2,500 isobath+100M | 0.32 |
| RA-389 | -45.16924 | -55.825358 | 45 ${ }^{\circ} 10^{\prime} 09.26{ }^{\prime \prime}$ | 55 ${ }^{\circ} 49^{\prime} 31.29{ }^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.32 |
| RA-390 | -45.175041 | -55.826568 | 45 ${ }^{\circ} 10^{\prime} 30.15^{\prime \prime}$ | 55 ${ }^{\circ} 49^{\prime} 35.64 "$ | 76.5-2,500 isobath+100M | 0.35 |
| RA-391 | -45.180374 | -55.82775 | 45 ${ }^{\circ} 10^{\prime} 49.35{ }^{\prime \prime}$ | 55 ${ }^{\circ} 49^{\prime} 39.90$ " | 76.5-2,500 isobath+100M | 0.32 |
| RA-392 | -45.185708 | -55.828933 | 45 ${ }^{\circ} 11^{\prime} 08.55^{\prime \prime}$ | $55^{\circ} 49^{\prime} 44.16^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.32 |
| RA-393 | -45.1915 | -55.830224 | 45 ${ }^{\circ} 11^{\prime} 29.40 "$ | 55 ${ }^{\circ} 49^{\prime} 48.81 "$ | 76.5-2,500 isobath+100M | 0.35 |
| RA-394 | -45.196825 | -55.831482 | $45^{\circ} 11^{\prime} 48.57{ }^{\prime \prime}$ | 55º 49' 53.34" | 76.5-2,500 isobath+100M | 0.32 |
| RA-395 | -45.20215 | -55.832741 | $45^{\circ} 12^{\prime} 07.74{ }^{\prime \prime}$ | 55* 49' 57.87" | 76.5-2,500 isobath+100M | 0.32 |
| RA-396 | -45.207933 | -55.834115 | $45^{\circ} 12^{\prime} 28.56{ }^{\prime \prime}$ | 55 ${ }^{\circ} 50{ }^{\prime} 02.81 "$ | 76.5-2,500 isobath+100M | 0.35 |
| RA-397 | -45.213249 | -55.835451 | $45^{\circ} 12^{\prime} 47.70^{\prime \prime}$ | 55 ${ }^{\circ} 50{ }^{\prime} 07.62$ " | 76.5-2,500 isobath+100M | 0.32 |
| RA-398 | -45.218564 | -55.836786 | $45^{\circ} 13^{\prime} 06.83 "$ | $55^{\circ} 50^{\prime} 12.43 "$ | 76.5-2,500 isobath+100M | 0.32 |
| RA-399 | -45.224339 | -55.838243 | 45 ${ }^{\circ} 13^{\prime} 27.62{ }^{\prime \prime}$ | 55 ${ }^{\circ} 50{ }^{\prime} 17.67{ }^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.35 |
| RA-400 | -45.229645 | -55.839654 | 45º 13' 46.72" | 55 ${ }^{\circ} 50^{\prime} 22.75^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.32 |
| RA-401 | -45.234951 | -55.841065 | 45 ${ }^{\circ} 14^{\prime} 05.82{ }^{\prime \prime}$ | 55 ${ }^{\circ} 50{ }^{\prime} 27.83 "$ | 76.5-2,500 isobath+100M | 0.32 |
| RA-402 | -45.240713 | -55.842604 | 45¹4' 26.57" | 55 $50 ' 33.37{ }^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.35 |
| RA-403 | -45.246008 | -55.844091 | 45º 14' 45.63" | $55^{\circ} 50 ' 38.73 "$ | 76.5-2,500 isobath+100M | 0.32 |
| RA-404 | -45.251304 | -55.845577 | 45 ${ }^{\circ} 15^{\prime} 04.69{ }^{\prime \prime}$ | $55^{\circ} 50$ '44.08" | 76.5-2,500 isobath+100M | 0.32 |


| Outer Limit Point Identifier | Latitude | Longitude | Latitude S (DMS) | Longitude W (DMS) | Article 76 criterion | Distance from previous point (M) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| RA-405 | -45.257055 | -55.847199 | 45 ${ }^{\circ} 15^{\prime} 25.40 "$ | 55 ${ }^{\circ} 50$ '49.92" | 76.5-2,500 isobath+100M | 0.35 |
| RA-406 | -45.26234 | -55.848761 | $45^{\circ} 15^{\prime} 44.42^{\prime \prime}$ | 55 ${ }^{\circ} 50$ ' 55.54" | 76.5-2,500 isobath+100M | 0.32 |
| RA-407 | -45.267624 | -55.850323 | 45 ${ }^{\circ} 16^{\prime} 03.45^{\prime \prime}$ | 55 ${ }^{\circ} 51^{\prime} 01.16{ }^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.32 |
| RA-408 | -45.273364 | -55.852027 | 45* $16^{\prime} 24.11^{\prime \prime}$ | 55 ${ }^{\circ} 51^{\prime} 07.30 "$ | 76.5-2,500 isobath+100M | 0.35 |
| RA-409 | -45.278637 | -55.853665 | 45 ${ }^{\circ} 16^{\prime} 43.09^{\prime \prime}$ | 55º 51' 13.19" | 76.5-2,500 isobath+100M | 0.32 |
| RA-410 | -45.283911 | -55.855303 | 45 ${ }^{\circ} 17{ }^{\prime} 02.08{ }^{\prime \prime}$ | 55º 51' 19.09" | 76.5-2,500 isobath+100M | 0.32 |
| RA-411 | -45.289638 | -55.857089 | 45 ${ }^{\circ} 17^{\prime} 22.70^{\prime \prime}$ | 55 ${ }^{\circ} 51^{\prime} 25.52{ }^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.35 |
| RA-412 | -45.2949 | -55.858802 | 45º 17' 41.64" | 55º 51' 31.69" | 76.5-2,500 isobath+100M | 0.32 |
| RA-413 | -45.300161 | -55.860516 | 45 ${ }^{\circ} 18^{\prime} 00.58{ }^{\prime \prime}$ | 55 ${ }^{\circ} 51^{\prime} 37.86 "$ | 76.5-2,500 isobath+100M | 0.32 |
| RA-414 | -45.305875 | -55.862384 | $45^{\circ} 18^{\prime} 21.15^{\prime \prime}$ | 55º 51' 44.58" | 76.5-2,500 isobath+100M | 0.35 |
| RA-415 | -45.311124 | -55.864173 | 45 ${ }^{\circ} 18^{\prime} 40.05^{\prime \prime}$ | 55º 51' 51.02" | 76.5-2,500 isobath+100M | 0.32 |
| RA-416 | -45.322073 | -55.867913 | 45º 19'19.46" | 55º 52' 04.49" | 76.5-2,500 isobath+100M | 0.68 |
| RA-417 | -45.327309 | -55.869777 | 45 ${ }^{\circ} 19^{\prime} 38.31^{\prime \prime}$ | 55 ${ }^{\circ} 52^{\prime} 11.20 "$ | 76.5-2,500 isobath+100M | 0.32 |
| RA-418 | -45.332545 | -55.871641 | 45 ${ }^{\circ} 19^{\prime} 57.16^{\prime \prime}$ | 55 ${ }^{\circ} 52^{\prime} 17.91{ }^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.32 |
| RA-419 | -45.338232 | -55.873674 | $45^{\circ} 20^{\prime} 17.64{ }^{\prime \prime}$ | 55 ${ }^{\circ} 52^{\prime} 25.23 "$ | 76.5-2,500 isobath+100M | 0.35 |
| RA-420 | -45.343455 | -55.875613 | $45^{\circ} 20^{\prime} 36.44{ }^{\prime \prime}$ | 55 ${ }^{\circ} 52^{\prime} 32.21{ }^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.32 |
| RA-421 | -45.348677 | -55.877553 | 45 ${ }^{\circ} 20^{\prime} 55.24{ }^{\prime \prime}$ | 55º 52' 39.19" | 76.5-2,500 isobath+100M | 0.32 |
| RA-422 | -45.354348 | -55.879667 | $45^{\circ} 21^{\prime} 15.65^{\prime \prime}$ | 55 ${ }^{\circ} 52^{\prime} 46.80 "$ | 76.5-2,500 isobath+100M | 0.35 |
| RA-423 | -45.359557 | -55.881681 | $45^{\circ} 21^{\prime} 34.41^{\prime \prime}$ | 55 ${ }^{\circ} 52^{\prime} 54.05{ }^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.32 |
| RA-424 | -45.364765 | -55.883695 | 45 ${ }^{\circ} 21^{\prime} 53.15^{\prime \prime}$ | 55 ${ }^{\circ} 53^{\prime} 01.30 "$ | 76.5-2,500 isobath+100M | 0.32 |
| RA-425 | -45.370422 | -55.88589 | $45^{\circ} 22^{\prime} 13.52^{\prime \prime}$ | 55 ${ }^{\circ} 53^{\prime} 09.20 "$ | 76.5-2,500 isobath+100M | 0.35 |
| RA-426 | -45.375616 | -55.88798 | $45^{\circ} 22^{\prime} 32.22$ " | 55 ${ }^{\circ} 53^{\prime} 16.73 "$ | 76.5-2,500 isobath+100M | 0.32 |
| RA-427 | -45.38081 | -55.890069 | $45^{\circ} 22{ }^{\prime} 50.92^{\prime \prime}$ | 55 ${ }^{\circ} 53^{\prime} 24.25^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.32 |
| RA-428 | -45.38645 | -55.892346 | $45^{\circ} 23^{\prime} 11.22^{\prime \prime}$ | 55 ${ }^{\circ} 53^{\prime} 32.45{ }^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.35 |
| RA-429 | -45.391629 | -55.89451 | $45^{\circ} 23^{\prime} 29.86{ }^{\prime \prime}$ | 55 ${ }^{\circ} 53^{\prime} 40.24 "$ | 76.5-2,500 isobath+100M | 0.32 |
| RA-430 | -45.396808 | -55.896674 | 45 ${ }^{\circ} 23^{\prime} 48.51{ }^{\prime \prime}$ | 55 ${ }^{\circ} 53^{\prime} 48.03 "$ | 76.5-2,500 isobath+100M | 0.32 |
| RA-431 | -45.402431 | -55.899031 | 45 ${ }^{\circ} 24^{\prime} 08.75{ }^{\prime \prime}$ | 55 ${ }^{\circ} 53 ' 56.51 "$ | 76.5-2,500 isobath+100M | 0.35 |
| RA-432 | -45.407594 | -55.90127 | 45 ${ }^{\circ} 24^{\prime} 27.34{ }^{\prime \prime}$ | 55º 54' 04.57" | 76.5-2,500 isobath+100M | 0.32 |
| RA-433 | -45.412757 | -55.903509 | 45 ${ }^{\circ} 24^{\prime} 45.93 "$ | 55º 54' 12.63" | 76.5-2,500 isobath+100M | 0.32 |


| Outer Limit Point Identifier | Latitude | Longitude | Latitude S (DMS) | Longitude W (DMS) | Article 76 criterion | Distance from previous point <br> (M) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| RA-434 | -45.418365 | -55.905948 | 45 ${ }^{\circ} 25^{\prime} 06.11^{\prime \prime}$ | 55 ${ }^{\circ} 54^{\prime} 21.41^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.35 |
| RA-435 | -45.423512 | -55.908261 | 45 ${ }^{\circ} 25^{\prime} 24.64{ }^{\prime \prime}$ | 55 ${ }^{\circ} 54^{\prime} 29.74{ }^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.32 |
| RA-436 | -45.428659 | -55.910575 | $45^{\circ} 25^{\prime} 43.17{ }^{\prime \prime}$ | 55 ${ }^{\circ} 54^{\prime} 38.07{ }^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.32 |
| RA-437 | -45.434248 | -55.913094 | 45 ${ }^{\circ} 26^{\prime} 03.29{ }^{\prime \prime}$ | 55º 54' 47.14" | 76.5-2,500 isobath+100M | 0.35 |
| RA-438 | -45.439379 | -55.915482 | $45^{\circ} 26^{\prime} 21.76^{\prime \prime}$ | 55 ${ }^{\circ} 54^{\prime} 55.74{ }^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.32 |
| RA-439 | -45.444509 | -55.91787 | $45^{\circ} 26^{\prime} 40.23 "$ | 55 ${ }^{\circ} 55^{\prime} 04.33^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.32 |
| RA-440 | -45.45008 | -55.920471 | $45^{\circ} 27^{\prime} 00.29{ }^{\prime \prime}$ | 55 ${ }^{\circ} 55^{\prime} 13.70$ " | 76.5-2,500 isobath+100M | 0.35 |
| RA-441 | -45.455193 | -55.922932 | 45 ${ }^{\circ} 27^{\prime} 18.69$ " | 55 55' 22.56" | 76.5-2,500 isobath+100M | 0.32 |
| RA-442 | -45.460306 | -55.925394 | $45^{\circ} 27^{\prime} 37.10^{\prime \prime}$ | 55 ${ }^{\circ} 55^{\prime} 31.42{ }^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.32 |
| RA-443 | -45.465857 | -55.928075 | 45 ${ }^{\circ} 27^{\prime} 57.09{ }^{\prime \prime}$ | 55 ${ }^{\circ} 55^{\prime} 41.07{ }^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.35 |
| RA-444 | -45.470953 | -55.93061 | 45 ${ }^{\circ} 28^{\prime} 15.43$ " | 55 ${ }^{\circ} 55^{\prime} 50.20 "$ | 76.5-2,500 isobath+100M | 0.32 |
| RA-445 | -45.476048 | -55.933145 | $45^{\circ} 28^{\prime} 33.77^{\prime \prime}$ | 55º 55' 59.32" | 76.5-2,500 isobath+100M | 0.32 |
| RA-446 | -45.481581 | -55.935906 | $45^{\circ} 28^{\prime} 53.69{ }^{\prime \prime}$ | 55 ${ }^{\circ} 56^{\prime} 09.26{ }^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.35 |
| RA-447 | -45.486658 | -55.938515 | $45^{\circ} 29^{\prime} 11.97{ }^{\prime \prime}$ | $55^{\circ} 56^{\prime} 18.65{ }^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.32 |
| RA-448 | -45.491735 | -55.941124 | $45^{\circ} 29^{\prime} 30.25{ }^{\prime \prime}$ | $55^{\circ} 56^{\prime} 28.05^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.32 |
| RA-449 | -45.497249 | -55.943966 | 45 ${ }^{\circ} 29^{\prime} 50.10^{\prime \prime}$ | 55 ${ }^{\circ} 56^{\prime} 38.28{ }^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.35 |
| RA-450 | -45.507365 | -55.949331 | 45 ${ }^{\circ} 30^{\prime} 26.51{ }^{\prime \prime}$ | 55º 56' 57.59" | 76.5-2,500 isobath+100M | 0.65 |
| RA-451 | -45.512858 | -55.952252 | 45 ${ }^{\circ} 30^{\prime} 46.29^{\prime \prime}$ | 55 ${ }^{\circ} 57^{\prime} 08.11^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.35 |
| RA-452 | -45.517896 | -55.955008 | $45^{\circ} 31{ }^{\prime} 04.43 "$ | 55 ${ }^{\circ} 57^{\prime} 18.03^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.32 |
| RA-453 | -45.522935 | -55.957764 | $45^{\circ} 31^{\prime} 22.57{ }^{\prime \prime}$ | 55 ${ }^{\circ} 57^{\prime} 27.95^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.32 |
| RA-454 | -45.528406 | -55.960765 | $45^{\circ} 31{ }^{\prime} 42.26^{\prime \prime}$ | 55 ${ }^{\circ} 57^{\prime} 38.75^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.35 |
| RA-455 | -45.533425 | -55.963594 | $45^{\circ} 32{ }^{\prime} 00.33^{\prime \prime}$ | 55º 57' 48.94" | 76.5-2,500 isobath+100M | 0.32 |
| RA-456 | -45.538444 | -55.966423 | $45^{\circ} 32 ' 18.40^{\prime \prime}$ | 55 ${ }^{\circ} 57^{\prime} 59.12^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.32 |
| RA-457 | -45.545365 | -55.970353 | $45^{\circ} 32 \cdot 43.31^{\prime \prime}$ | 55º 58' 13.27" | 76.5-2,500 isobath+100M | 0.45 |
| RA-458 | -45.550366 | -55.973247 | 45 ${ }^{\circ} 33^{\prime} 01.32$ " | 55 ${ }^{\circ} 58{ }^{\prime}$ 23.69" | 76.5-2,500 isobath+100M | 0.32 |
| RA-459 | -45.562349 | -55.980251 | 45 ${ }^{\circ} 33^{\prime} 44.46{ }^{\prime \prime}$ | 55 ${ }^{\circ} 58{ }^{\prime} 48.90{ }^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.78 |
| RA-460 | -45.570542 | -55.981908 | $45^{\circ} 34^{\prime} 13.95^{\prime \prime}$ | 55º 58' 54.87" | 76.5-2,500 isobath+100M | 0.5 |
| RA-461 | -45.575883 | -55.983019 | $45^{\circ} 34^{\prime} 33.18^{\prime \prime}$ | 55º 58' 58.87" | 76.5-2,500 isobath+100M | 0.32 |
| RA-462 | -45.581684 | -55.984234 | 45 ${ }^{\circ} 34^{\prime} 54.06 "$ | 55º 59' 03.24" | 76.5-2,500 isobath+100M | 0.35 |


| Outer Limit Point Identifier | Latitude | Longitude | Latitude S (DMS) | Longitude W (DMS) | Article 76 criterion | Distance from previous point (M) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| RA-463 | -45.587018 | -55.985422 | $45^{\circ} 35^{\prime} 13.26 "$ | 55 ${ }^{\circ} 59^{\prime} 07.52^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.32 |
| RA-464 | -45.592351 | -55.98661 | 45 ${ }^{\circ} 35^{\prime} 32.46 "$ | 55 ${ }^{\circ} 59^{\prime} 11.80 "$ | 76.5-2,500 isobath+100M | 0.32 |
| RA-465 | -45.598145 | -55.987908 | 45º 35' 53.32" | 55 ${ }^{\circ} 59^{\prime} 16.47{ }^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.35 |
| RA-466 | -45.60347 | -55.989172 | $45^{\circ} 36^{\prime} 12.49^{\prime \prime}$ | 55 ${ }^{\circ} 59^{\prime} 21.02{ }^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.32 |
| RA-467 | -45.608795 | -55.990437 | $45^{\circ} 36^{\prime} 31.66^{\prime \prime}$ | 55 ${ }^{\circ} 59^{\prime} 25.57{ }^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.32 |
| RA-468 | -45.614577 | -55.991817 | 45 ${ }^{\circ} 36^{\prime} 52.48^{\prime \prime}$ | 55º 59' 30.54" | 76.5-2,500 isobath+100M | 0.35 |
| RA-469 | -45.619893 | -55.993159 | 45 ${ }^{\circ} 37^{\prime} 11.61^{\prime \prime}$ | 55º 59' 35.37" | 76.5-2,500 isobath+100M | 0.32 |
| RA-470 | -45.625208 | -55.994501 | 45 ${ }^{\circ} 37^{\prime} 30.75^{\prime \prime}$ | 55 ${ }^{\circ} 59^{\prime} 40.20 "$ | 76.5-2,500 isobath+100M | 0.32 |
| RA-471 | -45.630982 | -55.995966 | 45º 37' 51.54" | 55 $59{ }^{\prime} 45.48{ }^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.35 |
| RA-472 | -45.636288 | -55.997383 | $45^{\circ} 38^{\prime} 10.64 "$ | 55 ${ }^{\circ} 59^{\prime} 50.58{ }^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.32 |
| RA-473 | -45.641594 | -55.9988 | 45 ${ }^{\circ} 38^{\prime} 29.74{ }^{\prime \prime}$ | 55 ${ }^{\circ} 59^{\prime} 55.68{ }^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.32 |
| RA-474 | -45.647356 | -56.000347 | $45^{\circ} 38{ }^{\prime} 50.48^{\prime \prime}$ | 5600' 01.25" | 76.5-2,500 isobath+100M | 0.35 |
| RA-475 | -45.652652 | -56.001841 | 45 ${ }^{\circ} 39^{\prime} 09.55^{\prime \prime}$ | $56^{\circ} 00^{\prime} 06.63{ }^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.32 |
| RA-476 | -45.657948 | -56.003336 | 45 ${ }^{\circ} 39^{\prime} 28.61^{\prime \prime}$ | $56^{\circ} 00^{\prime} 12.01^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.32 |
| RA-477 | -45.663699 | -56.004966 | $45^{\circ} 39^{\prime} 49.32^{\prime \prime}$ | $56^{\circ} 00^{\prime} 17.88^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.35 |
| RA-478 | -45.668983 | -56.006537 | $45^{\circ} 40^{\prime} 08.34 \prime$ | $56^{\circ} 00^{\prime} 23.53^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.32 |
| RA-479 | -45.674268 | -56.008108 | 45 ${ }^{\circ} 40^{\prime} 27.36 "$ | $56^{\circ} 00^{\prime} 29.19^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.32 |
| RA-480 | -45.682948 | -56.010739 | 45 ${ }^{\circ} 40^{\prime} 58.61{ }^{\prime \prime}$ | $56^{\circ} 00^{\prime} 38.66^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.53 |
| RA-481 | -45.688222 | -56.012386 | $45^{\circ} 41^{\prime} 17.60$ | $56^{\circ} 00{ }^{\prime} 44.59{ }^{\prime \prime}$ | 76.5-2,500 isobath+100M | 0.32 |

Table 3: Coordinates of the outer limits of the continental shelf fixed points beyond 200 M for the Río de la Plata Craton passive volcanic continental margin region

| Outer Limit <br> Point Identifier | Latitude | Longitude | Latitude S <br> (DMS) | Longitude $\mathbf{w}$ <br> (DMS) | Distance from <br> previous point <br> (M) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| RA-3458 | -58.246868 | -64.525318 | $58^{\circ} 14^{\prime} 48.73^{\prime \prime}$ | $64^{\circ} 31^{\prime} 31.14^{\prime \prime}$ | N/icle 76 criterion |

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| Outer Limit Point Identifier | Latitude | Longitude | Latitude S (DMS) | Longitude W (DMS) | Article 76 criterion | Distance from previous point (M) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| RA-3486 | -58.349029 | -64.653865 | 58²0' 56.51 " | $64^{\circ} 39^{\prime} 13.91^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3487 | -58.352514 | -64.658891 | 58² $21^{\prime} 09.05^{\prime \prime}$ | 64 $3{ }^{\circ}$ 32.01" | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3488 | -58.355997 | -64.663918 | 58${ }^{\circ} 21^{\prime} 21.59{ }^{\prime \prime}$ | 64 $3{ }^{\circ}$ 50.11" | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3489 | -58.359448 | -64.669027 | 58${ }^{\circ} 21^{\prime} 34.01{ }^{\prime \prime}$ | $64^{\circ} 40^{\prime} 08.50 "$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3490 | -58.362885 | -64.674165 | 58 $21^{\circ} 46.39{ }^{\prime \prime}$ | $64^{\circ} 40^{\prime} 27.00{ }^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3491 | -58.366323 | -64.679304 | 58${ }^{\circ} 21^{\prime} 58.76{ }^{\prime \prime}$ | $64^{\circ} 40^{\prime} 45.49^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3492 | -58.36976 | -64.684442 | 58${ }^{\circ} 22^{\prime} 11.14{ }^{\prime \prime}$ | 64 $41^{\circ}$ 03.99" | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3493 | -58.373154 | -64.689683 | 58${ }^{\circ} 22^{\prime} 23.35{ }^{\prime \prime}$ | 64${ }^{\circ} 41^{\prime} 22.86{ }^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3494 | -58.376544 | -64.694932 | $58^{\circ} 22^{\prime} 35.56{ }^{\prime \prime}$ | $64^{\circ} 41^{\prime} 41.75^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3495 | -58.379934 | -64.70018 | $58^{\circ} 22^{\prime} 47.76{ }^{\prime \prime}$ | $64^{\circ} 42^{\prime} 00.65^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3496 | -58.383318 | -64.705443 | 58² $22^{\prime} 59.94{ }^{\prime \prime}$ | $64^{\circ} 42^{\prime} 19.59^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3497 | -58.38666 | -64.7108 | 58º 23' 11.98" | $64^{\circ} 42^{\prime} 38.88^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3498 | -58.390001 | -64.716158 | 58${ }^{\circ} 23^{\prime} 24.00 "$ | $64^{\circ} 42^{\prime} 58.17^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3499 | -58.393343 | -64.721515 | 58${ }^{\circ} 23^{\prime} 36.03^{\prime \prime}$ | $64^{\circ} 43^{\prime} 17.45^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3500 | -58.396668 | -64.726907 | 58${ }^{\circ} 23^{\prime} 48.01{ }^{\prime \prime}$ | $64^{\circ} 43^{\prime} 36.87{ }^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3501 | -58.399961 | -64.732371 | 58${ }^{\circ} 23^{\prime} 59.86{ }^{\prime \prime}$ | $64^{\circ} 43^{\prime} 56.54 "$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3502 | -58.403253 | -64.737835 | 58² $24^{\prime} 11.71^{\prime \prime}$ | $64^{\circ} 44^{\prime} 16.21^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3503 | -58.406545 | -64.743299 | $58^{\circ} 24^{\prime} 23.56 "$ | $64^{\circ} 44^{\prime} 35.88{ }^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3504 | -58.409812 | -64.748818 | $58^{\circ} 24^{\prime} 35.32^{\prime \prime}$ | $64^{\circ} 44^{\prime} 55.75{ }^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3505 | -58.413054 | -64.754389 | $58^{\circ} 24^{\prime} 46.99{ }^{\prime \prime}$ | $64^{\circ} 45^{\prime} 15.80 "$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3506 | -58.416296 | -64.759959 | 58² $24^{\prime} 58.66{ }^{\prime \prime}$ | $64^{\circ} 45^{\prime} 35.85{ }^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3507 | -58.419537 | -64.765529 | $58^{\circ} 25^{\prime} 10.33 "$ | $64^{\circ} 45^{\prime} 55.90 "$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3508 | -58.422743 | -64.771173 | $58^{\circ} 25^{\prime} 21.88^{\prime \prime}$ | $64^{\circ} 46^{\prime} 16.22^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3509 | -58.425934 | -64.776847 | $58^{\circ} 25^{\prime} 33.36 "$ | $64^{\circ} 46^{\prime} 36.65{ }^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3510 | -58.429125 | -64.782521 | 58² $25^{\prime} 44.85{ }^{\prime \prime}$ | $64^{\circ} 46^{\prime} 57.08{ }^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3511 | -58.432315 | -64.788195 | 58${ }^{\circ} 25^{\prime} 56.33^{\prime \prime}$ | $64^{\circ} 47^{\prime} 17.50{ }^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3512 | -58.435459 | -64.793962 | 58² $26^{\prime} 07.65{ }^{\prime \prime}$ | $64^{\circ} 47^{\prime} 38.26 "$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3513 | -58.438598 | -64.799738 | 58² $26^{\prime} 18.95{ }^{\prime \prime}$ | 64 $47^{\prime} 59.06 "$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3514 | -58.441737 | -64.805515 | 58²6' $30.25{ }^{\prime \prime}$ | 64 $48^{\prime} 19.85{ }^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |


| Outer Limit Point Identifier | Latitude | Longitude | Latitude S (DMS) | Longitude W (DMS) | Article 76 criterion | Distance from previous point (M) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| RA-3515 | -58.444871 | -64.8113 | $58^{\circ} 26^{\prime} 41.53 "$ | $64^{\circ} 48^{\prime} 40.68{ }^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3516 | -58.447957 | -64.817177 | $58^{\circ} 26^{\prime} 52.64{ }^{\prime \prime}$ | 64${ }^{\circ} 49^{\prime} 01.84{ }^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3517 | -58.451042 | -64.823055 | 58 ${ }^{\circ} 27^{\prime} 03.75{ }^{\prime \prime}$ | 64* $49^{\prime} 23.00{ }^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3518 | -58.454128 | -64.828933 | 58 ${ }^{\circ} 27^{\prime} 14.86{ }^{\prime \prime}$ | $64^{\circ} 49^{\prime} 44.16 "$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3519 | -58.457199 | -64.834837 | 58 ${ }^{\circ} 27^{\prime} 25.92^{\prime \prime}$ | $64^{\circ} 50^{\prime} 05.41^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3520 | -58.460231 | -64.840814 | 58 ${ }^{\circ} 27^{\prime} 36.83$ " | $64^{\circ} 50^{\prime} 26.93{ }^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3521 | -58.463263 | -64.84679 | $58^{\circ} 27^{\prime} 47.75{ }^{\prime \prime}$ | $64^{\circ} 50{ }^{\prime} 48.45{ }^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3522 | -58.466294 | -64.852767 | 58 ${ }^{\circ} 27{ }^{\prime} 58.66^{\prime \prime}$ | $64^{\circ} 51^{\prime} 09.96{ }^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3523 | -58.469301 | -64.858789 | $58^{\circ} 28^{\prime} 09.48^{\prime \prime}$ | 64${ }^{\circ} 51^{\prime} 31.64{ }^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3524 | -58.472278 | -64.864863 | $58^{\circ} 28^{\prime} 20.20^{\prime \prime}$ | $64^{\circ} 51^{\prime} 53.51^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3525 | -58.475256 | -64.870938 | $58^{\circ} 28^{\prime} 30.92$ " | $64^{\circ} 52^{\prime} 15.38{ }^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3526 | -58.478232 | -64.877012 | $58^{\circ} 28^{\prime} 41.64 "$ | $64^{\circ} 52^{\prime} 37.24{ }^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3527 | -58.481174 | -64.883148 | $58^{\circ} 28^{\prime} 52.23 "$ | $64^{\circ} 52{ }^{\prime} 59.33^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3528 | -58.484096 | -64.889318 | 58 ${ }^{\circ} 29^{\prime} 02.74{ }^{\prime \prime}$ | $64^{\circ} 53^{\prime} 21.55^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3529 | -58.487017 | -64.895489 | 58 $29^{\prime} 13.26 "$ | $64^{\circ} 53^{\prime} 43.76 "$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3530 | -58.489938 | -64.901659 | 58 ${ }^{\circ} 29^{\prime} 23.78^{\prime \prime}$ | $64^{\circ} 54^{\prime} 05.97{ }^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3531 | -58.492814 | -64.907907 | $58^{\circ} 29^{\prime} 34.13^{\prime \prime}$ | 64${ }^{\circ} 54^{\prime} 28.46{ }^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3532 | -58.495679 | -64.914171 | $58^{\circ} 29^{\prime} 44.45^{\prime \prime}$ | $64^{\circ} 54^{\prime} 51.02^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3533 | -58.498545 | -64.920435 | $58^{\circ} 29^{\prime} 54.76{ }^{\prime \prime}$ | $64^{\circ} 55^{\prime} 13.57{ }^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3534 | -58.501409 | -64.9267 | $58^{\circ} 30{ }^{\prime} 05.07{ }^{\prime \prime}$ | $64^{\circ} 55^{\prime} 36.12^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3535 | -58.504218 | -64.933056 | $58^{\circ} 30{ }^{\prime} 15.18^{\prime \prime}$ | 64${ }^{\circ} 55^{\prime} 59.00^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3536 | -58.507026 | -64.939412 | $58^{\circ} 30 ' 25.29 "$ | $64^{\circ} 56^{\prime} 21.88{ }^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3537 | -58.509834 | -64.945769 | $58^{\circ} 30^{\prime} 35.40^{\prime \prime}$ | $64^{\circ} 56{ }^{\prime} 44.77^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3538 | -58.512631 | -64.952142 | $58^{\circ} 30^{\prime} 45.47{ }^{\prime \prime}$ | $64^{\circ} 57{ }^{\prime} 07.71^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3539 | -58.515382 | -64.958589 | $58^{\circ} 30{ }^{\prime} 55.38^{\prime \prime}$ | 64 $57^{\circ} 30.92^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3540 | -58.518133 | -64.965036 | $58^{\circ} 31{ }^{\prime} 05.28^{\prime \prime}$ | $64^{\circ} 57{ }^{\prime} 54.13^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3541 | -58.520883 | -64.971482 | $58^{\circ} 31{ }^{\prime} 15.18^{\prime \prime}$ | $64^{\circ} 588^{\prime} 17.34{ }^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3542 | -58.523611 | -64.977962 | 58${ }^{\circ} 31^{\prime} 25.00^{\prime \prime}$ | $64^{\circ} 588^{\prime} 40.66^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3543 | -58.526303 | -64.984498 | 58 31 ' 34.69" | 64 $59^{\prime} 04.19^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |


| Outer Limit <br> Point Identifier | Latitude | Longitude | Latitude S <br> (DMS) | Longitude $\mathbf{w}$ <br> (DMS) | Distance from <br> previous point <br> (M) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| RA-3544 | -58.528994 | -64.991034 | $58^{\circ} 31^{\prime} 44.38^{\prime \prime}$ | $64^{\circ} 59^{\prime} 27.72^{\prime \prime}$ | Article 76 criterion |


| Outer Limit <br> Point Identifier | Latitude | Longitude | Latitude S <br> (DMS) | Longitude $\mathbf{w}$ <br> (DMS) | Distance from <br> previous point <br> (M) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| RA-3573 | -58.600156 | -65.189933 | $58^{\circ} 36^{\prime} 00.56^{\prime \prime}$ | $65^{\circ} 11^{\prime} 23.76^{\prime \prime}$ | Article 76 criterion |


| Outer Limit <br> Point Identifier | Latitude | Longitude | Latitude S <br> (DMS) | Longitude $\mathbf{w}$ <br> (DMS) | Distance from <br> previous point <br> (M) |
| :---: | :--- | :--- | :--- | :--- | :--- | :--- |
| RA-3602 | -58.657208 | -65.404746 | $58^{\circ} 39^{\prime} 25.95^{\prime \prime}$ | $65^{\circ} 24^{\prime} 17.09^{\prime \prime}$ | Article 76 criterion |


| Outer Limit Point Identifier | Latitude | Longitude | Latitude S (DMS) | Longitude W (DMS) | Article 76 criterion | Distance from previous point (M) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| RA-3631 | -58.699275 | -65.631871 | 58 $41^{\prime} 57.39^{\prime \prime}$ | $65^{\circ} 37{ }^{\prime} 54.74{ }^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3632 | -58.700447 | -65.639879 | 58 $42^{\prime} 01.61{ }^{\prime \prime}$ | $65^{\circ} 38{ }^{\prime} 23.57{ }^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3633 | -58.701619 | -65.647887 | $58^{\circ} 42^{\prime} 05.83 \prime$ | 65 ${ }^{\circ} 38^{\prime} 52.39{ }^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3634 | -58.702761 | -65.65591 | 580 42' 09.94" | 65 ${ }^{\circ} 39^{\prime} 21.28^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3635 | -58.703861 | -65.663956 | $58^{\circ} 42^{\prime} 13.90{ }^{\prime \prime}$ | 65 ${ }^{\circ} 39^{\prime} 50.24{ }^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3636 | -58.704961 | -65.672001 | 58 $42^{\prime} 17.86{ }^{\prime \prime}$ | $65^{\circ} 40^{\prime} 19.20^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3637 | -58.706061 | -65.680046 | 58${ }^{\circ} 42^{\prime} 21.82^{\prime \prime}$ | $65^{\circ} 40^{\prime} 48.17{ }^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3638 | -58.707121 | -65.688111 | 58 $42^{\prime} 25.64 "$ | $65^{\circ} 41^{\prime} 17.20^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3639 | -58.708149 | -65.696192 | 58 $42^{\prime} 29.34{ }^{\prime \prime}$ | $65^{\circ} 41^{\prime} 46.29{ }^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3640 | -58.709177 | -65.704272 | 58 $42^{\prime} 33.04 "$ | $65^{\circ} 42$ 15.38" | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3641 | -58.710206 | -65.712352 | $58^{\circ} 42^{\prime} 36.74{ }^{\prime \prime}$ | $65^{\circ} 42^{\prime} 44.47{ }^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3642 | -58.711181 | -65.720456 | 58 $42^{\prime} 40.25^{\prime \prime}$ | $65^{\circ} 43^{\prime} 13.64{ }^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3643 | -58.712137 | -65.728569 | 58 $42^{\prime} 43.69{ }^{\prime \prime}$ | $65^{\circ} 43^{\prime} 42.85{ }^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3644 | -58.713093 | -65.736682 | 58 $42^{\prime} 47.13^{\prime \prime}$ | $65^{\circ} 44^{\prime} 12.06{ }^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3645 | -58.714048 | -65.744795 | 58${ }^{\circ} 42^{\prime} 50.57{ }^{\prime \prime}$ | $65^{\circ} 44^{\prime} 41.26{ }^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3646 | -58.71494 | -65.752935 | 58${ }^{\circ} 42^{\prime} 53.78^{\prime \prime}$ | $65^{\circ} 45^{\prime} 10.57{ }^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3647 | -58.715823 | -65.761078 | 58 $42^{\prime} 56.96 "$ | 65 ${ }^{\circ} 45^{\prime} 39.88{ }^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3648 | -58.716707 | -65.769222 | 58 $43^{\prime} 00.15^{\prime \prime}$ | $65^{\circ} 46^{\prime} 09.20 "$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3649 | -58.717587 | -65.777366 | 58 $43^{\prime} 03.31{ }^{\prime \prime}$ | $65^{\circ} 46^{\prime} 38.52{ }^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3650 | -58.718398 | -65.785537 | 58 $43^{\prime} 06.23 "$ | $65^{\circ} 47^{\prime} 07.93{ }^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3651 | -58.719208 | -65.793708 | 58 $43^{\prime} 09.15^{\prime \prime}$ | 65${ }^{\circ} 47^{\prime} 37.35{ }^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3652 | -58.720019 | -65.801879 | $58^{\circ} 43^{\prime} 12.07{ }^{\prime \prime}$ | $65^{\circ} 48^{\prime} 06.77{ }^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3653 | -58.720815 | -65.810056 | $58^{\circ} 43^{\prime} 14.93 "$ | $65^{\circ} 48^{\prime} 36.20^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3654 | -58.721552 | -65.818252 | 58 $43^{\prime} 17.59{ }^{\prime \prime}$ | $65^{\circ} 49^{\prime} 05.71^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3655 | -58.72229 | -65.826449 | 58 $43^{\prime} 20.24 "$ | 65º 49' 35.22" | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3656 | -58.723027 | -65.834646 | 58 $43^{\prime} 22.90{ }^{\prime \prime}$ | $65^{\circ} 50{ }^{\prime} 04.72^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3657 | -58.723738 | -65.842851 | 58 $43^{\prime} 25.46 "$ | $65^{\circ} 50$ '34.26" | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3658 | -58.724403 | -65.85107 | 58 $43^{\prime} 27.85^{\prime \prime}$ | 65 ${ }^{\circ} 51^{\prime} 03.85{ }^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3659 | -58.725067 | -65.85929 | 58 $43^{\prime} 30.24 "$ | $65^{\circ} 51{ }^{\prime} 33.44{ }^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |


| Outer Limit Point Identifier | Latitude | Longitude | Latitude S (DMS) | Longitude W (DMS) | Article 76 criterion | Distance from previous point (M) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| RA-3660 | -58.725732 | -65.86751 | 58 $43 ' 32.64 "$ | 65º 52' 03.04" | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3661 | -58.726359 | -65.87574 | 58${ }^{\circ} 43^{\prime} 34.89 "$ | $65^{\circ} 52^{\prime} 32.66{ }^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3662 | -58.72695 | -65.88398 | 58 $43^{\circ} 37.02{ }^{\prime \prime}$ | $65^{\circ} 53^{\prime} 02.33^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3663 | -58.727541 | -65.892221 | 58${ }^{\circ} 43^{\prime} 39.15^{\prime \prime}$ | 65${ }^{\circ} 53^{\prime} 32.00{ }^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3664 | -58.728132 | -65.900461 | 58 $43^{\prime} 41.27{ }^{\prime \prime}$ | 65 ${ }^{\circ} 54^{\prime} 01.66{ }^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3665 | -58.728673 | -65.908714 | 58 $43^{\circ} 43.22^{\prime \prime}$ | 65 ${ }^{\circ} 54^{\prime} 31.37{ }^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3666 | -58.729191 | -65.916973 | 58${ }^{\circ} 43^{\prime} 45.09{ }^{\prime \prime}$ | $65^{\circ} 55^{\prime} 01.10^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3667 | -58.729708 | -65.925231 | 58${ }^{\circ} 43^{\prime} 46.95{ }^{\prime \prime}$ | $65^{\circ} 55^{\prime} 30.83 "$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3668 | -58.730226 | -65.93349 | 58 $43^{\prime} 48.81{ }^{\prime \prime}$ | $65^{\circ} 56^{\prime} 00.56 "$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3669 | -58.730682 | -65.941762 | 58 43 ' 50.46" | $65^{\circ} 56^{\prime} 30.34 "$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3670 | -58.731126 | -65.950036 | 58 $43^{\prime} 52.05{ }^{\prime \prime}$ | $65^{\circ} 57^{\prime} 00.13^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3671 | -58.731569 | -65.958311 | 58${ }^{\circ} 43^{\prime} 53.65^{\prime \prime}$ | 65º 57' 29.92" | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3672 | -58.732013 | -65.966585 | 58${ }^{\circ} 43^{\prime} 55.25^{\prime \prime}$ | $65^{\circ} 57{ }^{\prime} 59.71^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3673 | -58.732384 | -65.974873 | 58${ }^{\circ} 43^{\prime} 56.58{ }^{\prime \prime}$ | 65º 58' 29.54" | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3674 | -58.732754 | -65.983161 | 58${ }^{\circ} 43^{\prime} 57.91{ }^{\prime \prime}$ | 65 ${ }^{\circ} 58^{\prime} 59.38^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3675 | -58.733124 | -65.991449 | $58^{\circ} 43^{\prime} 59.25^{\prime \prime}$ | 65º 59' 29.22" | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3676 | -58.733483 | -65.999738 | $58^{\circ} 44^{\prime} 00.54 "$ | 65 ${ }^{\circ} 59^{\prime} 59.06{ }^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3677 | -58.733779 | -66.008037 | $58^{\circ} 44^{\prime} 01.61{ }^{\prime \prime}$ | $66^{\circ} 00^{\prime} 28.93{ }^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3678 | -58.734075 | -66.016336 | $58^{\circ} 44^{\prime} 02.67{ }^{\prime \prime}$ | $66^{\circ} 00^{\prime} 58.81{ }^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3679 | -58.734371 | -66.024635 | $58^{\circ} 44^{\prime} 03.74{ }^{\prime \prime}$ | 660 $01{ }^{\prime}$ 28.69" | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3680 | -58.734645 | -66.032937 | $58^{\circ} 44^{\prime} 04.72^{\prime \prime}$ | 660 $01{ }^{\prime} 58.57{ }^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3681 | -58.734867 | -66.041244 | $58^{\circ} 44^{\prime} 05.52{ }^{\prime \prime}$ | $66^{\circ} 02^{\prime} 28.48{ }^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3682 | -58.735089 | -66.049551 | $58^{\circ} 44^{\prime} 06.32{ }^{\prime \prime}$ | $66^{\circ} 02^{\prime} 58.39^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3683 | -58.735311 | -66.057859 | $58^{\circ} 44^{\prime} 07.12^{\prime \prime}$ | $66^{\circ} 03^{\prime} 28.29{ }^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3684 | -58.7355 | -66.066169 | $58^{\circ} 44^{\prime} 07.80 "$ | 66º $03^{\prime} 58.21{ }^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3685 | -58.735647 | -66.074483 | $58^{\circ} 44^{\prime} 08.33^{\prime \prime}$ | 66º 04' 28.14" | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3686 | -58.735795 | -66.082796 | $58^{\circ} 44^{\prime} 08.86 "$ | 66º 04' 58.07" | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3687 | -58.735943 | -66.09111 | 58 $44^{\prime} 09.40 "$ | 660 05' 28.00" | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3688 | -58.736046 | -66.099425 | 58 $44^{\prime} 09.77{ }^{\prime \prime}$ | 660 05' 57.93" | 76.4(a)(ii)-FOS+60M | 0.26 |


| Outer Limit Point Identifier | Latitude | Longitude | Latitude S (DMS) | Longitude W (DMS) | Article 76 criterion | Distance from previous point (M) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| RA-3689 | -58.73612 | -66.107743 | $58^{\circ} 44^{\prime} 10.03 "$ | $66^{\circ} 06^{\prime} 27.87{ }^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3690 | -58.736194 | -66.11606 | $58^{\circ} 44^{\prime} 10.30 "$ | $66^{\circ} 06^{\prime} 57.82^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3691 | -58.736267 | -66.124377 | $58^{\circ} 44^{\prime} 10.56 "$ | $66^{\circ} 07^{\prime} 27.76{ }^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3692 | -58.736284 | -66.132695 | $58^{\circ} 44^{\prime} 10.62{ }^{\prime \prime}$ | 66º 07' 57.70" | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3693 | -58.736284 | -66.141013 | 58 $44^{\prime} 10.62$ " | 660 $08^{\prime} 27.65{ }^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3694 | -58.736283 | -66.149332 | 58 $44^{\circ} 10.62{ }^{\prime \prime}$ | $66^{\circ} 08^{\prime} 57.60^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3695 | -58.736282 | -66.15765 | $58^{\circ} 44^{\prime} 10.62$ ' | 66º 09' $27.54{ }^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3696 | -58.736214 | -66.165968 | $58^{\circ} 44^{\prime} 10.37{ }^{\prime \prime}$ | 66º 09' 57.48" | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3697 | -58.736139 | -66.174285 | $58^{\circ} 44^{\prime} 10.10{ }^{\prime \prime}$ | $66^{\circ} 10^{\prime} 27.43^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3698 | -58.736065 | -66.182602 | 58 $44^{\prime} 09.83^{\prime \prime}$ | 66º 10' 57.37" | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3699 | -58.735985 | -66.190919 | 58 $44^{\prime} 09.54 "$ | $66^{\circ} 11^{\prime} 27.31^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3700 | -58.735836 | -66.199232 | 58 $44^{\prime} 09.01^{\prime \prime}$ | $66^{\circ} 11^{\prime} 57.24{ }^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3701 | -58.735687 | -66.207546 | $58^{\circ} 44^{\prime} 08.48{ }^{\prime \prime}$ | $66^{\circ} 12^{\prime} 27.17^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3702 | -58.735539 | -66.215859 | $58^{\circ} 44^{\prime} 07.94{ }^{\prime \prime}$ | $66^{\circ} 12^{\prime} 57.09{ }^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3703 | -58.735373 | -66.224171 | $58^{\circ} 44^{\prime} 07.34{ }^{\prime \prime}$ | 66º 13' 27.02" | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3704 | -58.73515 | -66.232479 | $58^{\circ} 44^{\prime} 06.54{ }^{\prime \prime}$ | $66^{\circ} 13^{\prime} 56.92^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3705 | -58.734928 | -66.240786 | $58^{\circ} 44^{\prime} 05.74{ }^{\prime \prime}$ | 66º 14' 26.83 " | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3706 | -58.734705 | -66.249093 | $58^{\circ} 44^{\prime} 04.94 "$ | 66º 14' 56.74" | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3707 | -58.734453 | -66.257397 | $58^{\circ} 44^{\prime} 04.03 "$ | $66^{\circ} 15^{\prime} 26.63$ " | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3708 | -58.734157 | -66.265696 | $58^{\circ} 44^{\prime} 02.97{ }^{\prime \prime}$ | 66º 15' 56.51" | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3709 | -58.73386 | -66.273995 | $58^{\circ} 44^{\prime} 01.90 "$ | $66^{\circ} 16^{\prime} 26.38{ }^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3710 | -58.733564 | -66.282294 | $58^{\circ} 44^{\prime} 00.83 "$ | 66º 16' 56.26" | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3711 | -58.733227 | -66.290587 | $58^{\circ} 43^{\prime} 59.62^{\prime \prime}$ | $66^{\circ} 17^{\prime} 26.11^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3712 | -58.732856 | -66.298875 | $58^{\circ} 43^{\prime} 58.28^{\prime \prime}$ | $66^{\circ} 17^{\prime} 55.95{ }^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3713 | -58.732486 | -66.307162 | 58 $43 ' 56.95{ }^{\prime \prime}$ | $66^{\circ} 18^{\prime} 25.78{ }^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3714 | -58.732115 | -66.31545 | 58${ }^{\circ} 43^{\prime} 55.61{ }^{\prime \prime}$ | 66º 18' 55.62" | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3715 | -58.731692 | -66.323728 | 58 43 ' 54.09" | 66¹9' 25.42 " | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3716 | -58.731248 | -66.332003 | 58 43 ' 52.49" | 66º 19' 55.21" | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3717 | -58.730803 | -66.340277 | 58 $43 ' 50.89 "$ | 66 $20^{\circ} 25.00 "$ | 76.4(a)(ii)-FOS+60M | 0.26 |

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| Outer Limit Point Identifier | Latitude | Longitude | Latitude S (DMS) | Longitude W (DMS) | Article 76 criterion | Distance from previous point (M) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| RA-3718 | -58.730359 | -66.348552 | 58 $43 ' 49.29^{\prime \prime}$ | $66^{\circ} 20^{\prime} 54.79{ }^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3719 | -58.729851 | -66.356812 | $58^{\circ} 43^{\prime} 47.47{ }^{\prime \prime}$ | $66^{\circ} 21^{\prime} 24.52^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3720 | -58.729334 | -66.365071 | $58^{\circ} 43^{\prime} 45.60{ }^{\prime \prime}$ | $66^{\circ} 21^{\prime} 54.26{ }^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3721 | -58.728816 | -66.37333 | $58^{\circ} 43^{\prime} 43.74{ }^{\prime \prime}$ | 66² $22^{\prime} 23.99^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3722 | -58.728297 | -66.381588 | $58^{\circ} 43^{\prime} 41.87{ }^{\prime \prime}$ | $66^{\circ} 22^{\prime} 53.72^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3723 | -58.727705 | -66.389828 | 58${ }^{\circ} 43^{\prime} 39.74^{\prime \prime}$ | $66^{\circ} 23^{\prime} 23.38^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3724 | -58.727113 | -66.398068 | $58^{\circ} 43^{\prime} 37.61{ }^{\prime \prime}$ | $66^{\circ} 23^{\prime} 53.05^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3725 | -58.726522 | -66.406308 | $58^{\circ} 43^{\prime} 35.48^{\prime \prime}$ | $66^{\circ} 24^{\prime} 22.71^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3726 | -58.725917 | -66.414545 | $58^{\circ} 43^{\prime} 33.30^{\prime \prime}$ | 66º 24' 52.36" | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3727 | -58.725252 | -66.422765 | $58^{\circ} 43^{\prime} 30.91^{\prime \prime}$ | $66^{\circ} 25^{\prime} 21.95^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3728 | -58.724587 | -66.430984 | $58^{\circ} 43^{\prime} 28.51{ }^{\prime \prime}$ | 66º 25' 51.54" | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3729 | -58.723922 | -66.439204 | $58^{\circ} 43^{\prime} 26.12^{\prime \prime}$ | $66^{\circ} 26^{\prime} 21.13^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3730 | -58.723233 | -66.447416 | $58^{\circ} 43^{\prime} 23.64{ }^{\prime \prime}$ | $66^{\circ} 26^{\prime} 50.70{ }^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3731 | -58.722494 | -66.455612 | $58^{\circ} 43^{\prime} 20.98^{\prime \prime}$ | $66^{\circ} 27^{\prime} 20.20{ }^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3732 | -58.721756 | -66.463808 | $58^{\circ} 43^{\prime} 18.32^{\prime \prime}$ | $66^{\circ} 27^{\prime} 49.71^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3733 | -58.721017 | -66.472005 | $58^{\circ} 43^{\prime} 15.66^{\prime \prime}$ | $66^{\circ} 28^{\prime \prime} 19.22^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3734 | -58.720244 | -66.480189 | $58^{\circ} 43^{\prime} 12.88^{\prime \prime}$ | $66^{\circ} 28^{\prime} 48.68^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3735 | -58.719432 | -66.48836 | $58^{\circ} 43^{\prime} 09.96{ }^{\prime \prime}$ | $66^{\circ} 29^{\prime} 18.09{ }^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3736 | -58.718621 | -66.49653 | $58^{\circ} 43^{\prime} 07.04{ }^{\prime \prime}$ | $66^{\circ} 29^{\prime} 47.51^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3737 | -58.71781 | -66.504701 | $58^{\circ} 43^{\prime} 04.12^{\prime \prime}$ | $66^{\circ} 30^{\prime} 16.93$ " | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3738 | -58.716952 | -66.512854 | $58^{\circ} 43^{\prime} 01.03 "$ | $66^{\circ} 30^{\prime} 46.28^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3739 | -58.716068 | -66.520997 | $58^{\circ} 42^{\prime} 57.84^{\prime \prime}$ | 66º 31' 15.59" | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3740 | -58.715184 | -66.52914 | $58^{\circ} 42^{\prime} 54.66{ }^{\prime \prime}$ | $66^{\circ} 31^{\prime} 44.91^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3741 | -58.7143 | -66.537283 | $58^{\circ} 42^{\prime} 51.48{ }^{\prime \prime}$ | $66^{\circ} 32^{\prime} 14.22^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3742 | -58.713357 | -66.545402 | $58^{\circ} 42^{\prime} 48.09 "$ | $66^{\circ} 32^{\prime} 43.45{ }^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3743 | -58.712401 | -66.553515 | $58^{\circ} 42^{\prime} 44.64{ }^{\prime \prime}$ | $66^{\circ} 33^{\prime} 12.65^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3744 | -58.711445 | -66.561627 | $58^{\circ} 42^{\prime} 41.20^{\prime \prime}$ | $66^{\circ} 33^{\prime} 41.86 "$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3745 | -58.710489 | -66.56974 | $58^{\circ} 42^{\prime} 37.76^{\prime \prime}$ | $66^{\circ} 34^{\prime} 11.07{ }^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3746 | -58.709462 | -66.577821 | $58^{\circ} 42^{\prime} 34.06 "$ | $66^{\circ} 34^{\prime} 40.16 "$ | 76.4(a)(ii)-FOS+60M | 0.26 |


| Outer Limit <br> Point Identifier | Latitude | Longitude | Latitude S <br> (DMS) | Longitude $\mathbf{w}$ <br> (DMS) | Distance from <br> previous point <br> (M) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| RA-3747 | -58.708433 | -66.585901 | $58^{\circ} 42^{\prime} 30.36^{\prime \prime}$ | $66^{\circ} 35^{\prime} 09.25^{\prime \prime}$ | Article 76 criterion |

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| Outer Limit Point Identifier | Latitude | Longitude | Latitude S (DMS) | Longitude W (DMS) | Article 76 criterion | Distance from previous point (M) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| RA-3776 | -58.670792 | -66.815866 | $58^{\circ} 40^{\prime} 14.85{ }^{\prime \prime}$ | $66^{\circ} 48^{\prime} 57.12^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3777 | -58.669197 | -66.823601 | $58^{\circ} 40^{\prime} 09.11{ }^{\prime \prime}$ | 66* 49' $24.96{ }^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3778 | -58.667602 | -66.831335 | 58 $40 ' 03.37{ }^{\prime \prime}$ | $66^{\circ} 49^{\prime} 52.81^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3779 | -58.666007 | -66.83907 | 58 $39^{\circ} 57.63^{\prime \prime}$ | 660 50' 20.65" | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3780 | -58.664384 | -66.846782 | 58 $39^{\circ} 51.78{ }^{\prime \prime}$ | $66^{\circ} 50{ }^{\prime} 48.42$ " | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3781 | -58.66272 | -66.854463 | 58 $39^{\circ} 45.79{ }^{\prime \prime}$ | $66^{\circ} 51^{\prime} 16.07{ }^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3782 | -58.661056 | -66.862144 | 58 ${ }^{\circ} 39^{\prime} 39.80$ " | $66^{\circ} 51^{\prime} 43.72{ }^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3783 | -58.659392 | -66.869825 | 58 $3{ }^{\circ} 3{ }^{\prime} 3.81{ }^{\prime \prime}$ | $66^{\circ} 52^{\prime} 11.37{ }^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3784 | -58.657688 | -66.877473 | 58 $39^{\circ} 27.68{ }^{\prime \prime}$ | $66^{\circ} 52^{\prime} 38.91^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3785 | -58.655956 | -66.885099 | 58 $39^{\circ} 21.44{ }^{\prime \prime}$ | $66^{\circ} 53^{\prime} 06.36 "$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3786 | -58.654223 | -66.892724 | 58 $39^{\circ} 15.20 "$ | $66^{\circ} 53^{\prime} 33.81{ }^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3787 | -58.652491 | -66.900349 | 58 $3{ }^{\circ}$ ' 08.97" | $66^{\circ} 54^{\prime} 01.26 "$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3788 | -58.650708 | -66.907932 | 58º 39' 02.55" | $66^{\circ} 54^{\prime} 28.55^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3789 | -58.648907 | -66.915499 | 58 $38^{\circ} 56.07{ }^{\prime \prime}$ | $66^{\circ} 54^{\prime} 55.80^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3790 | -58.647107 | -66.923066 | 58 $38^{\circ} 49.59{ }^{\prime \prime}$ | 66º 55' 23.04" | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3791 | -58.645306 | -66.930633 | $58^{\circ} 38^{\prime} 43.10^{\prime \prime}$ | $66^{\circ} 55^{\prime} 50.28^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3792 | -58.643444 | -66.938146 | 58 $38^{\circ} 36.40$ " | $66^{\circ} 56^{\prime} 17.33^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3793 | -58.641576 | -66.945653 | 58³ $38{ }^{\prime} 29.68{ }^{\prime \prime}$ | $66^{\circ} 56^{\prime} 44.35{ }^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3794 | -58.639708 | -66.95316 | 58 $38{ }^{\circ} 22.95{ }^{\prime \prime}$ | $66^{\circ} 57{ }^{\prime} 11.38{ }^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3795 | -58.637835 | -66.960662 | $58^{\circ} 38{ }^{\prime} 16.21{ }^{\prime \prime}$ | $66^{\circ} 57{ }^{\prime} 38.38{ }^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3796 | -58.6359 | -66.968107 | 58 $38^{\circ}$ 09.24" | 660 58' 05.19" | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3797 | -58.633965 | -66.975552 | $58^{\circ} 38^{\prime} 02.28 "$ | $66^{\circ} 58{ }^{\prime} 31.99^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3798 | -58.63203 | -66.982997 | 58 $3{ }^{\circ}$ ' 55.31" | $66^{\circ} 58{ }^{\prime} 58.79^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3799 | -58.630079 | -66.990426 | $58^{\circ} 37^{\prime} 48.29{ }^{\prime \prime}$ | $66^{\circ} 59^{\prime} 25.54{ }^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3800 | -58.628078 | -66.997807 | $58^{\circ} 37{ }^{\prime} 41.08{ }^{\prime \prime}$ | 66 $5{ }^{\circ}$ 52.10" | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3801 | -58.626076 | -67.005187 | 58 $3{ }^{\circ} 3{ }^{\prime} 3.88{ }^{\prime \prime}$ | $67^{\circ} 00^{\prime} 18.67{ }^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3802 | -58.624075 | -67.012567 | 58 $37^{\prime} 26.67{ }^{\prime \prime}$ | $67^{\circ} 00^{\prime} 45.24{ }^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3803 | -58.622046 | -67.01992 | 58³ $37{ }^{\prime} 19.37{ }^{\prime \prime}$ | $67^{\circ} 01^{\prime} 11.71^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3804 | -58.619979 | -67.027234 | 58³7' 11.92" | $67^{\circ} 01^{\prime} 38.04{ }^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |


| Outer Limit <br> Point Identifier | Latitude | Longitude | Latitude S <br> (DMS) | Longitude $\mathbf{w}$ <br> (DMS) | Distance from <br> previous point <br> (M) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| RA-3805 | -58.617911 | -67.034547 | $58^{\circ} 37^{\prime} 04.48^{\prime \prime}$ | $67^{\circ} 02^{\prime} 04.37^{\prime \prime}$ | Article 76 criterion |

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| Outer Limit Point Identifier | Latitude | Longitude | Latitude S (DMS) | Longitude W (DMS) | Article 76 criterion | Distance from previous point (M) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| RA-3834 | -58.550687 | -67.238357 | 58 $3{ }^{\circ}$ '02.47" | $67^{\circ} 14^{\prime} 18.09{ }^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3835 | -58.548114 | -67.245063 | 58${ }^{\circ} 32{ }^{\prime} 53.21^{\prime \prime}$ | $67^{\circ} 14^{\prime} 42.23 "$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3836 | -58.545542 | -67.251769 | 58 $32^{\prime} 43.95{ }^{\prime \prime}$ | $67^{\circ} 15^{\prime} 06.37{ }^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3837 | -58.542969 | -67.258476 | 58${ }^{\circ} 32^{\prime} 34.69{ }^{\prime \prime}$ | $67^{\circ} 15^{\prime} 30.51^{\prime \prime}$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3838 | -58.540338 | -67.2651 | 58 $32{ }^{\prime} 25.22^{\prime \prime}$ | $67^{\circ} 15^{\prime} 54.36 "$ | 76.4(a)(ii)-FOS+60M | 0.26 |
| RA-3839 | -58.539746 | -67.266667 | 58 $32{ }^{\prime} 23.09^{\prime \prime}$ | $67^{\circ} 16^{\prime} 00.00 "$ | INTERNATIONAL LIMIT | 0.06 |
| RA-3840 | -58.351667 | -67.266667 | 58 ${ }^{\circ} 21^{\prime} 06.00 "$ | $67^{\circ} 16^{\prime} 00.00{ }^{\prime \prime}$ | INTERNATIONAL LIMIT | 11.31 |

Table 4: Coordinates of the outer limits of the continental shelf fixed points beyond 200 M for the Tierra del Fuego margin region


[^0]:    ${ }^{13}$ 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.

[^1]:    ${ }^{1}$ Division for Ocean Affairs and the Law of the Sea ("DOALOS"), Office of Legal Affairs, United Nations.
    ${ }^{2}$ Note by the secretariat: a dispute exists between the Governments of Argentina and the United Kingdom of Great Britain and Northern Ireland concerning sovereignty over the Falkland Islands (Malvinas).
    ${ }^{3}$ Mr. Astiz was a member of the Commission from 1997 to 2002, from 2002 to 2007 and from 2007 to 2012.

[^2]:    ${ }^{4}$ See Report of the twenty-second Meeting of States Parties (SPLOS 251).
    ${ }^{5}$ Mr. Paterlini was elected to the Commission on the Limits of the Continental Shelf on 6 June 2012 (see SPLOS/251).

[^3]:    ${ }^{6}$ See CLCS/78 para 51-53.

