



# **Continental Shelf Submission of Norway**

**in respect of**

**Bouvetøya**

**Revised Executive Summary**





Front page: Bouvetøya in the South Atlantic Ocean  
(Photo: Norwegian Polar Institute)

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## Contents

1. Introduction .....	4
2. Maps and coordinates .....	5
3. Provisions of article 76 invoked in support of the submission .....	5
4. General description of the continental margin off Bouvetøya .....	6
5. Area by area overview .....	6

### List of figures

**Fig. 1.** Three-dimensional map of the seafloor area adjacent to Bouvetøya.

**Fig. 2.** The revised outer limit of the continental shelf beyond 200 nautical miles off Bouvetøya.

### Appendix 1

Coordinates and Information on the Outer Limit of the Continental Shelf beyond 200 nautical miles off Bouvetøya.



## 1. Introduction

Norway signed the United Nations Convention on the Law of the Sea (hereinafter the Convention) on the day it was opened for signature and ratified it on 24 June 1996. It entered into force for Norway on 24 July 1996.

Norway has transmitted two submissions to the Commission on the Limits of the Continental Shelf (hereinafter the Commission) in accordance with article 76 paragraph 8 of the Convention. On 27 November 2006 Norway transmitted a submission in respect of areas in the Arctic Ocean, the Barents Sea and the Norwegian Sea. Norway received a recommendation from the Commission in regard to this submission in 2009.

On 4 May 2009 Norway transmitted a submission in respect of Bouvetøya and Dronning Maud Land. Norway requested the Commission not to take any action for the time being with regard to the information in the submission that related to the continental shelf appurtenant to Antarctica.

In a letter of 30 August 2013 the Commission informed Norway that it had established a Subcommission for the consideration of the 2009 submission. In connection with meetings with the Subcommission, Norway has presented new and additional data and analyses, including on the classification of the Shaka Ridge, regarding the outer limit of the continental shelf off Bouvetøya. The revised Executive Summary relates only to the continental shelf off Bouvetøya.<sup>1</sup>

In order to take account of the new data and analyses relating to the classification of the Shaka Ridge the Subcommission in its letter dated 7 November 2014 (2014\_11\_07\_SC\_LET\_NOR1\_013) advised Norway to publicise a revised Executive Summary of the submission.

The revised Executive Summary provides evidence to substantiate that the Shaka Ridge forms part of the same hot spot trail as Bouvetøya. The Shaka Ridge constitutes a submarine elevation in accordance with article 76 paragraph 6 of the Convention. Thus, continental shelf beyond 350 nautical miles is included in the revised Executive Summary.

Preparation of the original submission was initiated after Norway's ratification of the Convention in 1996. Acquisition of seismic and bathymetric data, as well as processing, analysis and interpretation of data, have continued until now and the revised Executive Summary is based upon both data acquired prior to the submission of 2009 and new data, analyses and interpretations. Furthermore, Norway has taken past recommendations of the Commission regarding ridge-like features into consideration.

The preparation of the revised Executive Summary has been undertaken by the Norwegian Petroleum Directorate under the direction of the Royal Ministry of Foreign Affairs.

Norway was not assisted by any present members of the Commission in the preparation of the revised Executive Summary.

<sup>1</sup> No revisions have been made in respect of the continental shelf off Dronning Maud Land.



## 2. Maps and coordinates

Bouvetøya is located in the middle of the southern part of the South Atlantic Ocean. The island, at approximately 54° South Latitude, and the appurtenant maritime areas, are situated beyond the area south of 60° South Latitude constituting the Antarctic Treaty area.

Two maps are included in this revised Executive Summary. Fig. 1 is a three-dimensional overview map showing the continental margins and other characteristic morphological elements in the maritime area concerned. The revised outer limit of the continental shelf off Bouvetøya in the South Atlantic Ocean is indicated in Fig. 2.

The Appendix provides a list of coordinates of the fixed points on the outer limit of the

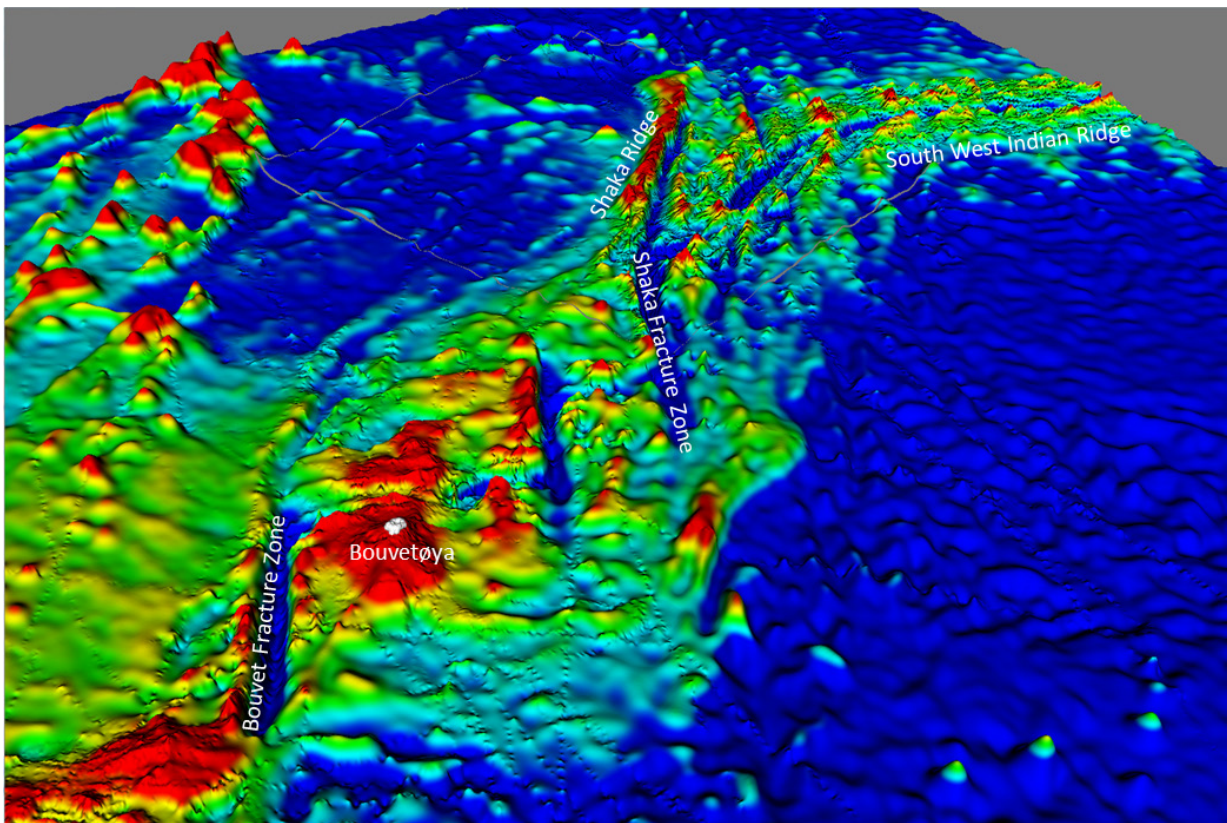
continental shelf beyond 200 nautical miles off Bouvetøya, the distance between adjacent points and the provision of article 76 on which each point is based.

## 3. Provisions of article 76 invoked in support of the submission

Norway invokes the provisions of paragraphs 1, 3, 4, 5 and 6 of article 76 of the Convention in support of the establishment of the outer limits of the continental shelf beyond 200 nautical miles.

Only the “Hedberg formulae line” has been used in the submission.

The outer limit of the continental shelf have been delineated by fixed points connected



**Fig. 1.** Three-dimensional map of the seafloor area adjacent to Bouvetøya. The view is from the south-west towards the north-east.



by straight lines not exceeding 60 nautical miles as provided in article 76 paragraph 7.

Data and analyses acquired since the submission of 2009 provides evidence that the Shaka Ridge is a submarine elevation that is a natural component of the continental margin of Bouvetøya in regard to article 76 paragraph 6 of the Convention. Both the 350 nautical miles constraint line and the 100 nautical miles from the 2500 metre isobath constraint, i.e. the depth constraint line, have been used.

#### 4. General description of the continental margin off Bouvetøya

Bouvetøya is itself located on the Antarctic lithospheric plate on the westernmost part of the Southwest Indian Ridge. With a 780 metres peak (Olavtoppen), the landmass of the island is part of a wide, submerged pedestal formed by magmatic rocks. These are formed by hotspot activity associated with the mantle plume that underlies the complex Bouvet Triple Junction.

By seafloor mapping, it can be demonstrated that this submerged landmass of the island includes the Shaka Ridge, along the Shaka Fracture Zone in the east (Fig. 1).

#### 5. Area by area overview

The outer limit beyond 200 nautical miles of the continental shelf adjacent to Bouvetøya is determined on the basis of the foot of the slope established along the flanks of the magmatic pedestal of the island and the Shaka Ridge.

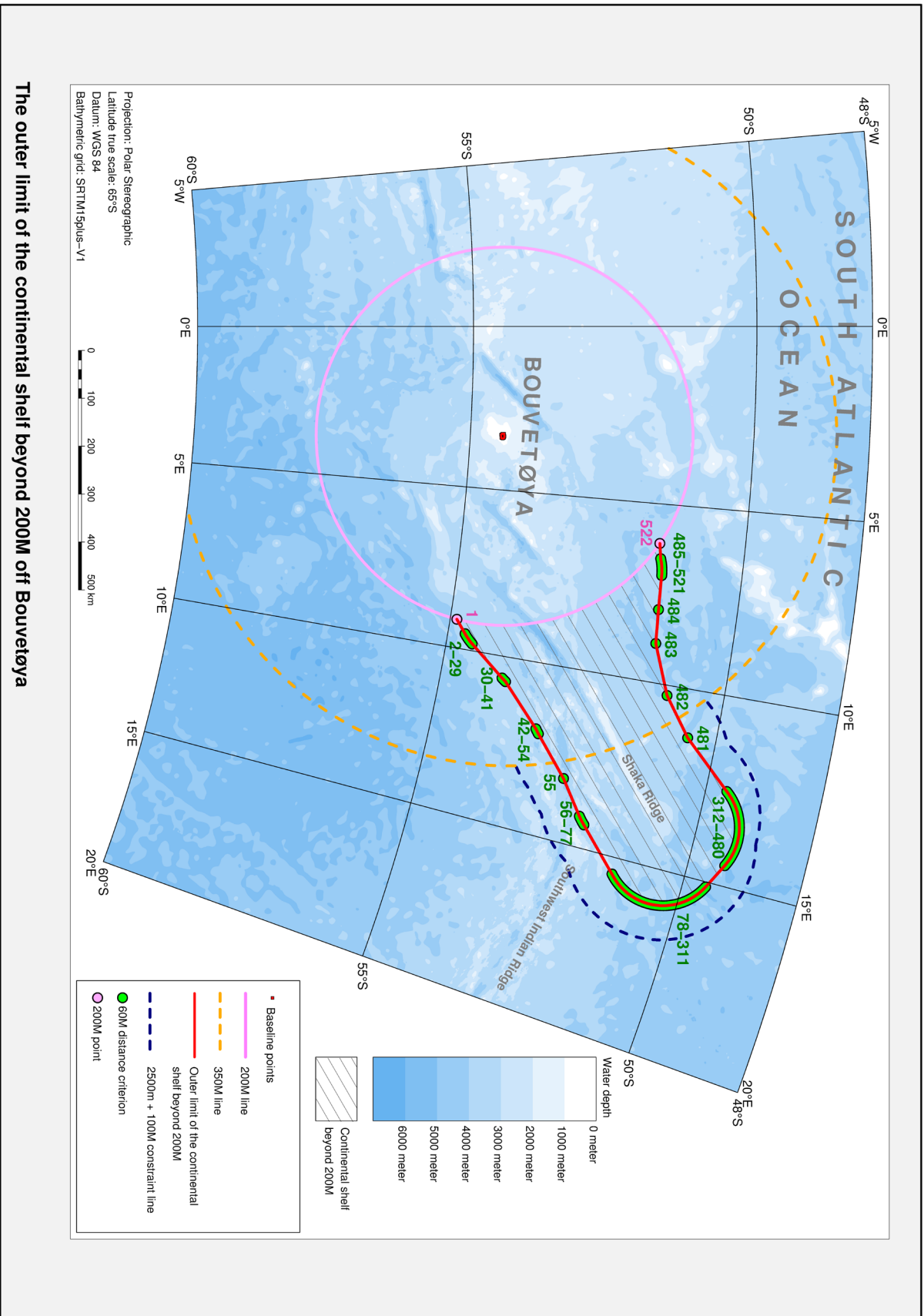
The 200 nautical miles limit line and the 350 nautical miles constraint line are measured from the baseline of Bouvetøya as established by Royal Decree of 25 February 2005, and deposited with the Secretary-General on 31 March the same year.

The outer limit of the continental shelf beyond 200 nautical miles in this area is defined by 522 fixed points established in accordance with article 76 of the Convention. These are as follows:

- 520 points defined by arcs 60 nautical miles from the foot of the continental slope in accordance with article 76 paragraph 4(a)(ii).
- 2 points at the intersections of the outer edge of the continental margin and the 200 nautical miles limit line of Bouvetøya.

The 522 fixed points are connected by straight lines not exceeding 60 nautical miles in length as provided in article 76 paragraph 7. Fig. 2 shows the fixed points and connecting lines.

A colour code indicates the article 76 criterion used to establish them (see also Appendix 1).



**Fig. 2.** The revised outer limit of the continental shelf beyond 200 M off Bouvetøya







# Appendix 1

Coordinates and Information on the  
Outer Limit of the Continental Shelf  
beyond 200 nautical miles off Bouvetøya



ECS Point	ECS Point Latitude	ECS Point Longitude	Latitude			Longitude			Article 76 provision invoked	Distance from previous point (M)	Distance from previous point (m)
	LAT DD	LON DD	LAT D	LAT M	LAT S	LON D	LON M	LON S			
BO-1	-54.880584	9.120906	-54	52	50.10	9	7	15.26	Art, 76(4)(a)(ii): FOS+60M, 200M	0.000	0
BO-2	-54.694877	9.519403	-54	41	41.56	9	31	9.85	Art, 76(4)(a)(ii): FOS+60M	17.782	32933
BO-3	-54.689739	9.530697	-54	41	23.06	9	31	50.51	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-4	-54.684547	9.541915	-54	41	4.37	9	32	30.89	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-5	-54.679299	9.553054	-54	40	45.48	9	33	10.99	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-6	-54.673996	9.564115	-54	40	26.39	9	33	50.81	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-7	-54.668640	9.575096	-54	40	7.10	9	34	30.35	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-8	-54.663229	9.585997	-54	39	47.62	9	35	9.59	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-9	-54.657766	9.596817	-54	39	27.96	9	35	48.54	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-10	-54.652249	9.607555	-54	39	8.10	9	36	27.20	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-11	-54.646679	9.618211	-54	38	48.04	9	37	5.56	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-12	-54.641058	9.628783	-54	38	27.81	9	37	43.62	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-13	-54.635384	9.639271	-54	38	7.38	9	38	21.38	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-14	-54.629659	9.649674	-54	37	46.77	9	38	58.83	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-15	-54.623883	9.659992	-54	37	25.98	9	39	35.97	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-16	-54.618057	9.670224	-54	37	5.01	9	40	12.81	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-17	-54.612180	9.680368	-54	36	43.85	9	40	49.32	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-18	-54.606254	9.690425	-54	36	22.51	9	41	25.53	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-19	-54.600278	9.700394	-54	36	1.00	9	42	1.42	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-20	-54.594254	9.710274	-54	35	39.31	9	42	36.99	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-21	-54.588181	9.720064	-54	35	17.45	9	43	12.23	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-22	-54.582060	9.729763	-54	34	55.42	9	43	47.15	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-23	-54.575892	9.739372	-54	34	33.21	9	44	21.74	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-24	-54.569677	9.748888	-54	34	10.84	9	44	56.00	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-25	-54.563415	9.758313	-54	33	48.29	9	45	29.93	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-26	-54.557107	9.767644	-54	33	25.59	9	46	3.52	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-27	-54.550753	9.776882	-54	33	2.71	9	46	36.78	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-28	-54.544354	9.786026	-54	32	39.67	9	47	9.69	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-29	-54.537910	9.795074	-54	32	16.48	9	47	42.27	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-30	-53.908542	10.651154	-53	54	30.75	10	39	4.15	Art, 76(4)(a)(ii): FOS+60M	48.371	89583
BO-31	-53.901965	10.659782	-53	54	7.07	10	39	35.22	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-32	-53.895345	10.668315	-53	53	43.24	10	40	5.93	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-33	-53.888683	10.676751	-53	53	19.26	10	40	36.30	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-34	-53.881979	10.685090	-53	52	55.12	10	41	6.32	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-35	-53.875234	10.693332	-53	52	30.84	10	41	36.00	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-36	-53.868448	10.701476	-53	52	6.41	10	42	5.31	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-37	-53.861621	10.709521	-53	51	41.84	10	42	34.28	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-38	-53.854754	10.717467	-53	51	17.11	10	43	2.88	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-39	-53.847848	10.725313	-53	50	52.25	10	43	31.13	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-40	-53.840903	10.733059	-53	50	27.25	10	43	59.01	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-41	-53.833920	10.740705	-53	50	2.11	10	44	26.54	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-42	-53.141459	11.938197	-53	8	29.25	11	56	17.51	Art, 76(4)(a)(ii): FOS+60M	59.779	110712
BO-43	-53.136587	11.949414	-53	8	11.71	11	56	57.89	Art, 76(4)(a)(ii): FOS+60M	0.500	926

ECS Point	ECS Point Latitude	ECS Point Longitude	Latitude			Longitude			Article 76 provision invoked	Distance from previous point (M)	Distance from previous point (m)
	LAT DD	LON DD	LAT D	LAT M	LAT S	LON D	LON M	LON S			
BO-44	-53.131658	11.960561	-53	7	53.97	11	57	38.02	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-45	-53.126672	11.971637	-53	7	36.02	11	58	17.89	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-46	-53.121630	11.982640	-53	7	17.87	11	58	57.50	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-47	-53.116532	11.993571	-53	6	59.52	11	59	36.86	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-48	-53.111378	12.004428	-53	6	40.96	12	0	15.94	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-49	-53.106169	12.015211	-53	6	22.21	12	0	54.76	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-50	-53.100905	12.025918	-53	6	3.26	12	1	33.30	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-51	-53.095587	12.036550	-53	5	44.11	12	2	11.58	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-52	-53.090215	12.047105	-53	5	24.77	12	2	49.58	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-53	-53.084789	12.057583	-53	5	5.24	12	3	27.30	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-54	-53.079309	12.067982	-53	4	45.51	12	4	4.74	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-55	-52.473286	13.178066	-52	28	23.83	13	10	41.04	Art, 76(4)(a)(ii): FOS+60M	54.425	100795
BO-56	-52.045448	14.122226	-52	2	43.61	14	7	20.01	Art, 76(4)(a)(ii): FOS+60M	43.272	80139
BO-57	-52.040436	14.133000	-52	2	25.57	14	7	58.80	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-58	-52.035368	14.143704	-52	2	7.32	14	8	37.33	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-59	-52.030244	14.154336	-52	1	48.88	14	9	15.61	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-60	-52.025064	14.164896	-52	1	30.23	14	9	53.63	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-61	-52.019830	14.175384	-52	1	11.39	14	10	31.38	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-62	-52.014540	14.185798	-52	0	52.34	14	11	8.87	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-63	-52.009197	14.196137	-52	0	33.11	14	11	46.09	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-64	-52.003800	14.206402	-52	0	13.68	14	12	23.05	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-65	-51.998349	14.216591	-51	59	54.06	14	12	59.73	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-66	-51.992845	14.226704	-51	59	34.24	14	13	36.13	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-67	-51.987289	14.236739	-51	59	14.24	14	14	12.26	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-68	-51.981680	14.246697	-51	58	54.05	14	14	48.11	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-69	-51.976019	14.256576	-51	58	33.67	14	15	23.67	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-70	-51.970307	14.266376	-51	58	13.11	14	15	58.95	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-71	-51.964544	14.276096	-51	57	52.36	14	16	33.95	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-72	-51.958730	14.285735	-51	57	31.43	14	17	8.65	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-73	-51.952866	14.295293	-51	57	10.32	14	17	43.05	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-74	-51.946952	14.304769	-51	56	49.03	14	18	17.17	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-75	-51.940989	14.314163	-51	56	27.56	14	18	50.99	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-76	-51.934977	14.323473	-51	56	5.92	14	19	24.50	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-77	-51.928916	14.332700	-51	55	44.10	14	19	57.72	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-78	-51.232524	15.463985	-51	13	57.09	15	27	50.35	Art, 76(4)(a)(ii): FOS+60M	59.523	110236
BO-79	-51.226933	15.473807	-51	13	36.96	15	28	25.71	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-80	-51.221291	15.483553	-51	13	16.65	15	29	0.79	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-81	-51.215598	15.493220	-51	12	56.15	15	29	35.59	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-82	-51.209853	15.502810	-51	12	35.47	15	30	10.12	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-83	-51.204057	15.512320	-51	12	14.61	15	30	44.35	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-84	-51.198211	15.521751	-51	11	53.56	15	31	18.30	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-85	-51.192315	15.531101	-51	11	32.33	15	31	51.96	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-86	-51.186370	15.540371	-51	11	10.93	15	32	25.34	Art, 76(4)(a)(ii): FOS+60M	0.500	926



ECS Point	ECS Point Latitude	ECS Point Longitude	Latitude			Longitude			Article 76 provision invoked	Distance from previous point (M)	Distance from previous point (m)
	LAT DD	LON DD	LAT D	LAT M	LAT S	LON D	LON M	LON S			
BO-87	-51.180376	15.549559	-51	10	49.35	15	32	58.41	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-88	-51.174333	15.558665	-51	10	27.60	15	33	31.19	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-89	-51.168241	15.567688	-51	10	5.67	15	34	3.68	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-90	-51.162102	15.576628	-51	9	43.57	15	34	35.86	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-91	-51.155916	15.585484	-51	9	21.30	15	35	7.74	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-92	-51.149683	15.594255	-51	8	58.86	15	35	39.32	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-93	-51.143403	15.602941	-51	8	36.25	15	36	10.59	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-94	-51.137078	15.611541	-51	8	13.48	15	36	41.55	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-95	-51.130707	15.620054	-51	7	50.55	15	37	12.19	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-96	-51.124291	15.628481	-51	7	27.45	15	37	42.53	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-97	-51.117830	15.636820	-51	7	4.19	15	38	12.55	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-98	-51.111325	15.645070	-51	6	40.77	15	38	42.25	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-99	-51.104777	15.653233	-51	6	17.20	15	39	11.64	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-100	-51.098186	15.661305	-51	5	53.47	15	39	40.70	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-101	-51.091551	15.669288	-51	5	29.58	15	40	9.44	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-102	-51.084875	15.677181	-51	5	5.55	15	40	37.85	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-103	-51.078157	15.684983	-51	4	41.37	15	41	5.94	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-104	-51.071398	15.692693	-51	4	17.03	15	41	33.69	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-105	-51.064598	15.700312	-51	3	52.55	15	42	1.12	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-106	-51.057757	15.707838	-51	3	27.93	15	42	28.22	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-107	-51.050877	15.715271	-51	3	3.16	15	42	54.98	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-108	-51.043958	15.722611	-51	2	38.25	15	43	21.40	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-109	-51.037000	15.729857	-51	2	13.20	15	43	47.49	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-110	-51.030003	15.737009	-51	1	48.01	15	44	13.23	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-111	-51.022969	15.744065	-51	1	22.69	15	44	38.63	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-112	-51.015898	15.751027	-51	0	57.23	15	45	3.70	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-113	-51.008790	15.757892	-51	0	31.64	15	45	28.41	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-114	-51.001645	15.764662	-51	0	5.92	15	45	52.78	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-115	-50.994465	15.771334	-50	59	40.07	15	46	16.80	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-116	-50.987250	15.777910	-50	59	14.10	15	46	40.48	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-117	-50.980000	15.784388	-50	58	48.00	15	47	3.80	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-118	-50.972715	15.790768	-50	58	21.77	15	47	26.76	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-119	-50.965397	15.797050	-50	57	55.43	15	47	49.38	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-120	-50.958046	15.803233	-50	57	28.97	15	48	11.64	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-121	-50.950663	15.809317	-50	57	2.39	15	48	33.54	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-122	-50.943247	15.815302	-50	56	35.69	15	48	55.09	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-123	-50.935800	15.821186	-50	56	8.88	15	49	16.27	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-124	-50.928321	15.826971	-50	55	41.96	15	49	37.10	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-125	-50.920813	15.832654	-50	55	14.93	15	49	57.55	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-126	-50.913274	15.838237	-50	54	47.79	15	50	17.65	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-127	-50.905706	15.843718	-50	54	20.54	15	50	37.38	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-128	-50.898109	15.849098	-50	53	53.19	15	50	56.75	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-129	-50.890483	15.854376	-50	53	25.74	15	51	15.75	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-130	-50.882830	15.859551	-50	52	58.19	15	51	34.38	Art, 76(4)(a)(ii): FOS+60M	0.500	926

ECS Point	ECS Point Latitude	ECS Point Longitude	Latitude			Longitude			Article 76 provision invoked	Distance from previous point (M)	Distance from previous point (m)
	LAT DD	LON DD	LAT D	LAT M	LAT S	LON D	LON M	LON S			
BO-131	-50.875150	15.864623	-50	52	30.54	15	51	52.64	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-132	-50.867443	15.869593	-50	52	2.79	15	52	10.53	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-133	-50.859709	15.874459	-50	51	34.95	15	52	28.05	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-134	-50.851951	15.879222	-50	51	7.02	15	52	45.20	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-135	-50.844167	15.883881	-50	50	39.00	15	53	1.97	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-136	-50.836358	15.888435	-50	50	10.89	15	53	18.37	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-137	-50.828526	15.892886	-50	49	42.69	15	53	34.39	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-138	-50.820670	15.897231	-50	49	14.41	15	53	50.03	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-139	-50.812792	15.901472	-50	48	46.05	15	54	5.30	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-140	-50.804891	15.905608	-50	48	17.61	15	54	20.19	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-141	-50.796968	15.909638	-50	47	49.08	15	54	34.70	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-142	-50.789025	15.913562	-50	47	20.49	15	54	48.82	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-143	-50.781060	15.917381	-50	46	51.82	15	55	2.57	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-144	-50.773076	15.921093	-50	46	23.07	15	55	15.93	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-145	-50.765072	15.924700	-50	45	54.26	15	55	28.92	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-146	-50.757050	15.928199	-50	45	25.38	15	55	41.52	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-147	-50.749009	15.931592	-50	44	56.43	15	55	53.73	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-148	-50.740950	15.934878	-50	44	27.42	15	56	5.56	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-149	-50.732874	15.938058	-50	43	58.35	15	56	17.01	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-150	-50.724782	15.941129	-50	43	29.22	15	56	28.06	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-151	-50.716673	15.944094	-50	43	0.02	15	56	38.74	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-152	-50.708549	15.946951	-50	42	30.78	15	56	49.02	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-153	-50.700410	15.949700	-50	42	1.48	15	56	58.92	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-154	-50.692257	15.952342	-50	41	32.13	15	57	8.43	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-155	-50.684089	15.954875	-50	41	2.72	15	57	17.55	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-156	-50.675909	15.957301	-50	40	33.27	15	57	26.28	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-157	-50.667716	15.959618	-50	40	3.78	15	57	34.62	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-158	-50.659511	15.961827	-50	39	34.24	15	57	42.58	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-159	-50.651295	15.963928	-50	39	4.66	15	57	50.14	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-160	-50.643068	15.965920	-50	38	35.04	15	57	57.31	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-161	-50.634830	15.967804	-50	38	5.39	15	58	4.09	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-162	-50.626583	15.969578	-50	37	35.70	15	58	10.48	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-163	-50.618326	15.971245	-50	37	5.97	15	58	16.48	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-164	-50.610061	15.972802	-50	36	36.22	15	58	22.09	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-165	-50.601788	15.974251	-50	36	6.44	15	58	27.30	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-166	-50.593507	15.975591	-50	35	36.63	15	58	32.13	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-167	-50.585220	15.976822	-50	35	6.79	15	58	36.56	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-168	-50.576927	15.977944	-50	34	36.94	15	58	40.60	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-169	-50.568627	15.978957	-50	34	7.06	15	58	44.25	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-170	-50.560323	15.979861	-50	33	37.16	15	58	47.50	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-171	-50.552014	15.980656	-50	33	7.25	15	58	50.36	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-172	-50.543701	15.981342	-50	32	37.32	15	58	52.83	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-173	-50.535385	15.981920	-50	32	7.39	15	58	54.91	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-174	-50.527066	15.982388	-50	31	37.44	15	58	56.60	Art, 76(4)(a)(ii): FOS+60M	0.500	926



ECS Point	ECS Point Latitude	ECS Point Longitude	Latitude			Longitude			Article 76 provision invoked	Distance from previous point (M)	Distance from previous point (m)
	LAT DD	LON DD	LAT D	LAT M	LAT S	LON D	LON M	LON S			
B0-175	-50.518744	15.982748	-50	31	7.48	15	58	57.89	Art, 76(4)(a)(ii): FOS+60M	0.500	926
B0-176	-50.510422	15.982998	-50	30	37.52	15	58	58.79	Art, 76(4)(a)(ii): FOS+60M	0.500	926
B0-177	-50.502098	15.983140	-50	30	7.55	15	58	59.30	Art, 76(4)(a)(ii): FOS+60M	0.500	926
B0-178	-50.493773	15.983173	-50	29	37.58	15	58	59.42	Art, 76(4)(a)(ii): FOS+60M	0.500	926
B0-179	-50.485449	15.983097	-50	29	7.62	15	58	59.15	Art, 76(4)(a)(ii): FOS+60M	0.500	926
B0-180	-50.477125	15.982913	-50	28	37.65	15	58	58.49	Art, 76(4)(a)(ii): FOS+60M	0.500	926
B0-181	-50.468803	15.982620	-50	28	7.69	15	58	57.43	Art, 76(4)(a)(ii): FOS+60M	0.500	926
B0-182	-50.460482	15.982218	-50	27	37.74	15	58	55.98	Art, 76(4)(a)(ii): FOS+60M	0.500	926
B0-183	-50.452164	15.981708	-50	27	7.79	15	58	54.15	Art, 76(4)(a)(ii): FOS+60M	0.500	926
B0-184	-50.443849	15.981090	-50	26	37.86	15	58	51.92	Art, 76(4)(a)(ii): FOS+60M	0.500	926
B0-185	-50.435537	15.980363	-50	26	7.93	15	58	49.31	Art, 76(4)(a)(ii): FOS+60M	0.500	926
B0-186	-50.427230	15.979528	-50	25	38.03	15	58	46.30	Art, 76(4)(a)(ii): FOS+60M	0.500	926
B0-187	-50.418927	15.978586	-50	25	8.14	15	58	42.91	Art, 76(4)(a)(ii): FOS+60M	0.500	926
B0-188	-50.410630	15.977535	-50	24	38.27	15	58	39.13	Art, 76(4)(a)(ii): FOS+60M	0.500	926
B0-189	-50.402338	15.976377	-50	24	8.42	15	58	34.96	Art, 76(4)(a)(ii): FOS+60M	0.500	926
B0-190	-50.394053	15.975110	-50	23	38.59	15	58	30.40	Art, 76(4)(a)(ii): FOS+60M	0.500	926
B0-191	-50.385775	15.973737	-50	23	8.79	15	58	25.45	Art, 76(4)(a)(ii): FOS+60M	0.500	926
B0-192	-50.377504	15.972256	-50	22	39.01	15	58	20.12	Art, 76(4)(a)(ii): FOS+60M	0.500	926
B0-193	-50.369242	15.970668	-50	22	9.27	15	58	14.40	Art, 76(4)(a)(ii): FOS+60M	0.500	926
B0-194	-50.360988	15.968973	-50	21	39.56	15	58	8.30	Art, 76(4)(a)(ii): FOS+60M	0.500	926
B0-195	-50.352744	15.967171	-50	21	9.88	15	58	1.82	Art, 76(4)(a)(ii): FOS+60M	0.500	926
B0-196	-50.344509	15.965262	-50	20	40.23	15	57	54.94	Art, 76(4)(a)(ii): FOS+60M	0.500	926
B0-197	-50.336285	15.963247	-50	20	10.63	15	57	47.69	Art, 76(4)(a)(ii): FOS+60M	0.500	926
B0-198	-50.328072	15.961126	-50	19	41.06	15	57	40.05	Art, 76(4)(a)(ii): FOS+60M	0.500	926
B0-199	-50.319870	15.958899	-50	19	11.53	15	57	32.04	Art, 76(4)(a)(ii): FOS+60M	0.500	926
B0-200	-50.311681	15.956565	-50	18	42.05	15	57	23.63	Art, 76(4)(a)(ii): FOS+60M	0.500	926
B0-201	-50.303504	15.954126	-50	18	12.61	15	57	14.85	Art, 76(4)(a)(ii): FOS+60M	0.500	926
B0-202	-50.295340	15.951582	-50	17	43.22	15	57	5.70	Art, 76(4)(a)(ii): FOS+60M	0.500	926
B0-203	-50.287190	15.948932	-50	17	13.88	15	56	56.16	Art, 76(4)(a)(ii): FOS+60M	0.500	926
B0-204	-50.279055	15.946178	-50	16	44.60	15	56	46.24	Art, 76(4)(a)(ii): FOS+60M	0.500	926
B0-205	-50.270934	15.943318	-50	16	15.36	15	56	35.94	Art, 76(4)(a)(ii): FOS+60M	0.500	926
B0-206	-50.262829	15.940355	-50	15	46.18	15	56	25.28	Art, 76(4)(a)(ii): FOS+60M	0.500	926
B0-207	-50.254740	15.937286	-50	15	17.06	15	56	14.23	Art, 76(4)(a)(ii): FOS+60M	0.500	926
B0-208	-50.246667	15.934114	-50	14	48.00	15	56	2.81	Art, 76(4)(a)(ii): FOS+60M	0.500	926
B0-209	-50.238612	15.930839	-50	14	19.00	15	55	51.02	Art, 76(4)(a)(ii): FOS+60M	0.500	926
B0-210	-50.230574	15.927460	-50	13	50.07	15	55	38.86	Art, 76(4)(a)(ii): FOS+60M	0.500	926
B0-211	-50.222555	15.923977	-50	13	21.20	15	55	26.32	Art, 76(4)(a)(ii): FOS+60M	0.500	926
B0-212	-50.214554	15.920392	-50	12	52.39	15	55	13.41	Art, 76(4)(a)(ii): FOS+60M	0.500	926
B0-213	-50.206573	15.916705	-50	12	23.66	15	55	0.14	Art, 76(4)(a)(ii): FOS+60M	0.500	926
B0-214	-50.198611	15.912915	-50	11	55.00	15	54	46.49	Art, 76(4)(a)(ii): FOS+60M	0.500	926
B0-215	-50.190670	15.909023	-50	11	26.41	15	54	32.48	Art, 76(4)(a)(ii): FOS+60M	0.500	926
B0-216	-50.182750	15.905029	-50	10	57.90	15	54	18.10	Art, 76(4)(a)(ii): FOS+60M	0.500	926
B0-217	-50.174851	15.900934	-50	10	29.46	15	54	3.36	Art, 76(4)(a)(ii): FOS+60M	0.500	926
B0-218	-50.166974	15.896739	-50	10	1.11	15	53	48.26	Art, 76(4)(a)(ii): FOS+60M	0.500	926

ECS Point	ECS Point Latitude	ECS Point Longitude	Latitude			Longitude			Article 76 provision invoked	Distance from previous point (M)	Distance from previous point (m)
	LAT DD	LON DD	LAT D	LAT M	LAT S	LON D	LON M	LON S			
BO-219	-50.159120	15.892442	-50	9	32.83	15	53	32.79	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-220	-50.151289	15.888045	-50	9	4.64	15	53	16.96	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-221	-50.143482	15.883549	-50	8	36.54	15	53	0.78	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-222	-50.135699	15.878953	-50	8	8.52	15	52	44.23	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-223	-50.127940	15.874257	-50	7	40.58	15	52	27.33	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-224	-50.120207	15.869463	-50	7	12.75	15	52	10.07	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-225	-50.112499	15.864570	-50	6	45.00	15	51	52.45	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-226	-50.104818	15.859579	-50	6	17.34	15	51	34.48	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-227	-50.097163	15.854490	-50	5	49.79	15	51	16.16	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-228	-50.089536	15.849304	-50	5	22.33	15	50	57.49	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-229	-50.081936	15.844021	-50	4	54.97	15	50	38.48	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-230	-50.074365	15.838641	-50	4	27.71	15	50	19.11	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-231	-50.066823	15.833166	-50	4	0.56	15	49	59.40	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-232	-50.059310	15.827594	-50	3	33.52	15	49	39.34	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-233	-50.051827	15.821928	-50	3	6.58	15	49	18.94	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-234	-50.044374	15.816166	-50	2	39.75	15	48	58.20	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-235	-50.036952	15.810310	-50	2	13.03	15	48	37.12	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-236	-50.029562	15.804360	-50	1	46.42	15	48	15.70	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-237	-50.022203	15.798317	-50	1	19.93	15	47	53.94	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-238	-50.014877	15.792180	-50	0	53.56	15	47	31.85	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-239	-50.007584	15.785951	-50	0	27.30	15	47	9.42	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-240	-50.000324	15.779629	-50	0	1.17	15	46	46.66	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-241	-49.993098	15.773216	-49	59	35.15	15	46	23.58	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-242	-49.985906	15.766711	-49	59	9.26	15	46	0.16	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-243	-49.978749	15.760116	-49	58	43.50	15	45	36.42	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-244	-49.971627	15.753431	-49	58	17.86	15	45	12.35	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-245	-49.964541	15.746655	-49	57	52.35	15	44	47.96	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-246	-49.957491	15.739791	-49	57	26.97	15	44	23.25	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-247	-49.950478	15.732837	-49	57	1.72	15	43	58.21	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-248	-49.943502	15.725795	-49	56	36.61	15	43	32.86	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-249	-49.936564	15.718666	-49	56	11.63	15	43	7.20	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-250	-49.929664	15.711449	-49	55	46.79	15	42	41.22	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-251	-49.922803	15.704146	-49	55	22.09	15	42	14.93	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-252	-49.915980	15.696756	-49	54	57.53	15	41	48.32	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-253	-49.909198	15.689280	-49	54	33.11	15	41	21.41	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-254	-49.902455	15.681720	-49	54	8.84	15	40	54.19	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-255	-49.895752	15.674075	-49	53	44.71	15	40	26.67	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-256	-49.889091	15.666345	-49	53	20.73	15	39	58.84	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-257	-49.882470	15.658532	-49	52	56.89	15	39	30.72	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-258	-49.875892	15.650637	-49	52	33.21	15	39	2.29	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-259	-49.869355	15.642659	-49	52	9.68	15	38	33.57	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-260	-49.862861	15.634599	-49	51	46.30	15	38	4.56	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-261	-49.856411	15.626457	-49	51	23.08	15	37	35.25	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-262	-49.850003	15.618235	-49	51	0.01	15	37	5.65	Art, 76(4)(a)(ii): FOS+60M	0.500	926



ECS Point	ECS Point Latitude	ECS Point Longitude	Latitude			Longitude			Article 76 provision invoked	Distance from previous point (M)	Distance from previous point (m)
	LAT DD	LON DD	LAT D	LAT M	LAT S	LON D	LON M	LON S			
BO-263	-49.843640	15.609933	-49	50	37.10	15	36	35.76	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-264	-49.837321	15.601552	-49	50	14.36	15	36	5.59	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-265	-49.831047	15.593091	-49	49	51.77	15	35	35.13	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-266	-49.824818	15.584552	-49	49	29.34	15	35	4.39	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-267	-49.818635	15.575936	-49	49	7.09	15	34	33.37	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-268	-49.812497	15.567242	-49	48	44.99	15	34	2.07	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-269	-49.806406	15.558472	-49	48	23.06	15	33	30.50	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-270	-49.800362	15.549625	-49	48	1.30	15	32	58.65	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-271	-49.794365	15.540704	-49	47	39.71	15	32	26.53	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-272	-49.788416	15.531708	-49	47	18.30	15	31	54.15	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-273	-49.782514	15.522637	-49	46	57.05	15	31	21.49	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-274	-49.776662	15.513494	-49	46	35.98	15	30	48.58	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-275	-49.770857	15.504277	-49	46	15.09	15	30	15.40	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-276	-49.765103	15.494989	-49	45	54.37	15	29	41.96	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-277	-49.759397	15.485629	-49	45	33.83	15	29	8.26	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-278	-49.753742	15.476198	-49	45	13.47	15	28	34.31	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-279	-49.748137	15.466696	-49	44	53.29	15	28	0.11	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-280	-49.742582	15.457126	-49	44	33.30	15	27	25.65	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-281	-49.737079	15.447486	-49	44	13.48	15	26	50.95	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-282	-49.731627	15.437778	-49	43	53.86	15	26	16.00	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-283	-49.726227	15.428002	-49	43	34.42	15	25	40.81	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-284	-49.720879	15.418160	-49	43	15.16	15	25	5.38	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-285	-49.715584	15.408251	-49	42	56.10	15	24	29.70	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-286	-49.710341	15.398277	-49	42	37.23	15	23	53.80	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-287	-49.705152	15.388238	-49	42	18.55	15	23	17.66	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-288	-49.700016	15.378135	-49	42	0.06	15	22	41.29	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-289	-49.694934	15.367968	-49	41	41.76	15	22	4.68	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-290	-49.689907	15.357738	-49	41	23.67	15	21	27.86	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-291	-49.684933	15.347447	-49	41	5.76	15	20	50.81	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-292	-49.680015	15.337093	-49	40	48.05	15	20	13.53	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-293	-49.675152	15.326679	-49	40	30.55	15	19	36.04	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-294	-49.670345	15.316206	-49	40	13.24	15	18	58.34	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-295	-49.665593	15.305672	-49	39	56.13	15	18	20.42	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-296	-49.660897	15.295081	-49	39	39.23	15	17	42.29	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-297	-49.656258	15.284431	-49	39	22.53	15	17	3.95	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-298	-49.651676	15.273724	-49	39	6.03	15	16	25.41	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-299	-49.647151	15.262961	-49	38	49.74	15	15	46.66	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-300	-49.642683	15.252142	-49	38	33.66	15	15	7.71	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-301	-49.638273	15.241268	-49	38	17.78	15	14	28.56	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-302	-49.633921	15.230340	-49	38	2.12	15	13	49.22	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-303	-49.629627	15.219358	-49	37	46.66	15	13	9.69	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-304	-49.625391	15.208323	-49	37	31.41	15	12	29.96	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-305	-49.621215	15.197237	-49	37	16.37	15	11	50.05	Art, 76(4)(a)(ii): FOS+60M	0.500	926



ECS Point	ECS Point Latitude	ECS Point Longitude	Latitude			Longitude			Article 76 provision invoked	Distance from previous point (M)	Distance from previous point (m)
	LAT DD	LON DD	LAT D	LAT M	LAT S	LON D	LON M	LON S			
BO-306	-49.617097	15.186099	-49	37	1.55	15	11	9.96	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-307	-49.613039	15.174910	-49	36	46.94	15	10	29.68	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-308	-49.609041	15.163672	-49	36	32.55	15	9	49.22	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-309	-49.605102	15.152385	-49	36	18.37	15	9	8.59	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-310	-49.601223	15.141049	-49	36	4.40	15	8	27.78	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-311	-49.597405	15.129666	-49	35	50.66	15	7	46.80	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-312	-49.371613	14.456598	-49	22	17.81	14	27	23.75	Art, 76(4)(a)(ii): FOS+60M	29.620	54855
BO-313	-49.367801	14.445263	-49	22	4.08	14	26	42.95	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-314	-49.364049	14.433882	-49	21	50.58	14	26	1.98	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-315	-49.360358	14.422455	-49	21	37.29	14	25	20.84	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-316	-49.356729	14.410983	-49	21	24.22	14	24	39.54	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-317	-49.353161	14.399467	-49	21	11.38	14	23	58.08	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-318	-49.349654	14.387907	-49	20	58.75	14	23	16.47	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-319	-49.346210	14.376305	-49	20	46.36	14	22	34.70	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-320	-49.342827	14.364661	-49	20	34.18	14	21	52.78	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-321	-49.339507	14.352975	-49	20	22.23	14	21	10.71	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-322	-49.336249	14.341249	-49	20	10.50	14	20	28.50	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-323	-49.333054	14.329484	-49	19	58.99	14	19	46.14	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-324	-49.329923	14.317680	-49	19	47.72	14	19	3.65	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-325	-49.326854	14.305837	-49	19	36.67	14	18	21.01	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-326	-49.323849	14.293958	-49	19	25.86	14	17	38.25	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-327	-49.320907	14.282042	-49	19	15.27	14	16	55.35	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-328	-49.318029	14.270090	-49	19	4.90	14	16	12.32	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-329	-49.315215	14.258103	-49	18	54.77	14	15	29.17	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-330	-49.312465	14.246083	-49	18	44.87	14	14	45.90	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-331	-49.309779	14.234029	-49	18	35.20	14	14	2.50	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-332	-49.307158	14.221942	-49	18	25.77	14	13	18.99	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-333	-49.304602	14.209824	-49	18	16.57	14	12	35.37	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-334	-49.302110	14.197675	-49	18	7.60	14	11	51.63	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-335	-49.299684	14.185495	-49	17	58.86	14	11	7.78	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-336	-49.297322	14.173287	-49	17	50.36	14	10	23.83	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-337	-49.295026	14.161049	-49	17	42.09	14	9	39.78	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-338	-49.292796	14.148785	-49	17	34.07	14	8	55.63	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-339	-49.290631	14.136493	-49	17	26.27	14	8	11.37	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-340	-49.288531	14.124175	-49	17	18.71	14	7	27.03	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-341	-49.286498	14.111832	-49	17	11.39	14	6	42.60	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-342	-49.284531	14.099464	-49	17	4.31	14	5	58.07	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-343	-49.282629	14.087073	-49	16	57.46	14	5	13.46	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-344	-49.280795	14.074659	-49	16	50.86	14	4	28.77	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-345	-49.279026	14.062222	-49	16	44.49	14	3	44.00	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-346	-49.277324	14.049765	-49	16	38.37	14	2	59.15	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-347	-49.275689	14.037287	-49	16	32.48	14	2	14.23	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-348	-49.274120	14.024790	-49	16	26.83	14	1	29.24	Art, 76(4)(a)(ii): FOS+60M	0.500	926



ECS Point	ECS Point Latitude	ECS Point Longitude	Latitude			Longitude			Article 76 provision invoked	Distance from previous point (M)	Distance from previous point (m)
	LAT DD	LON DD	LAT D	LAT M	LAT S	LON D	LON M	LON S			
BO-349	-49.272618	14.012273	-49	16	21.42	14	0	44.18	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-350	-49.271183	13.999739	-49	16	16.26	13	59	59.06	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-351	-49.269815	13.987188	-49	16	11.33	13	59	13.88	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-352	-49.268515	13.974620	-49	16	6.65	13	58	28.63	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-353	-49.267281	13.962037	-49	16	2.21	13	57	43.33	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-354	-49.266115	13.949439	-49	15	58.01	13	56	57.98	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-355	-49.265016	13.936828	-49	15	54.06	13	56	12.58	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-356	-49.263985	13.924203	-49	15	50.35	13	55	27.13	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-357	-49.263021	13.911566	-49	15	46.88	13	54	41.64	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-358	-49.262124	13.898918	-49	15	43.65	13	53	56.10	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-359	-49.261295	13.886259	-49	15	40.66	13	53	10.53	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-360	-49.260534	13.873591	-49	15	37.92	13	52	24.93	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-361	-49.259841	13.860913	-49	15	35.43	13	51	39.29	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-362	-49.259215	13.848228	-49	15	33.17	13	50	53.62	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-363	-49.258658	13.835535	-49	15	31.17	13	50	7.93	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-364	-49.258168	13.822836	-49	15	29.40	13	49	22.21	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-365	-49.257746	13.810132	-49	15	27.89	13	48	36.48	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-366	-49.257391	13.797422	-49	15	26.61	13	47	50.72	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-367	-49.257105	13.784709	-49	15	25.58	13	47	4.95	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-368	-49.256887	13.771993	-49	15	24.79	13	46	19.17	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-369	-49.256736	13.759274	-49	15	24.25	13	45	33.39	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-370	-49.256654	13.746554	-49	15	23.95	13	44	47.59	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-371	-49.256640	13.733833	-49	15	23.90	13	44	1.80	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-372	-49.256693	13.721113	-49	15	24.09	13	43	16.01	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-373	-49.256815	13.708394	-49	15	24.53	13	42	30.22	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-374	-49.257004	13.695676	-49	15	25.21	13	41	44.43	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-375	-49.257262	13.682962	-49	15	26.14	13	40	58.66	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-376	-49.257587	13.670251	-49	15	27.31	13	40	12.90	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-377	-49.257981	13.657544	-49	15	28.73	13	39	27.16	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-378	-49.258442	13.644842	-49	15	30.39	13	38	41.43	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-379	-49.258971	13.632147	-49	15	32.30	13	37	55.73	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-380	-49.259568	13.619458	-49	15	34.44	13	37	10.05	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-381	-49.260232	13.606777	-49	15	36.84	13	36	24.40	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-382	-49.260965	13.594105	-49	15	39.47	13	35	38.78	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-383	-49.261765	13.581442	-49	15	42.35	13	34	53.19	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-384	-49.262633	13.568789	-49	15	45.48	13	34	7.64	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-385	-49.263568	13.556148	-49	15	48.84	13	33	22.13	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-386	-49.264571	13.543518	-49	15	52.46	13	32	36.66	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-387	-49.265641	13.530900	-49	15	56.31	13	31	51.24	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-388	-49.266779	13.518297	-49	16	0.40	13	31	5.87	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-389	-49.267984	13.505707	-49	16	4.74	13	30	20.55	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-390	-49.269256	13.493133	-49	16	9.32	13	29	35.28	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-391	-49.270596	13.480575	-49	16	14.15	13	28	50.07	Art, 76(4)(a)(ii): FOS+60M	0.500	926



ECS Point	ECS Point Latitude	ECS Point Longitude	Latitude			Longitude			Article 76 provision invoked	Distance from previous point (M)	Distance from previous point (m)
	LAT DD	LON DD	LAT D	LAT M	LAT S	LON D	LON M	LON S			
BO-392	-49.272002	13.468033	-49	16	19.21	13	28	4.92	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-393	-49.273476	13.455509	-49	16	24.51	13	27	19.83	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-394	-49.275016	13.443004	-49	16	30.06	13	26	34.81	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-395	-49.276623	13.430517	-49	16	35.84	13	25	49.86	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-396	-49.278297	13.418051	-49	16	41.87	13	25	4.98	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-397	-49.280037	13.405606	-49	16	48.13	13	24	20.18	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-398	-49.281844	13.393182	-49	16	54.64	13	23	35.46	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-399	-49.283717	13.380781	-49	17	1.38	13	22	50.81	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-400	-49.285657	13.368403	-49	17	8.37	13	22	6.25	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-401	-49.287662	13.356050	-49	17	15.58	13	21	21.78	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-402	-49.289733	13.343721	-49	17	23.04	13	20	37.40	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-403	-49.291871	13.331418	-49	17	30.74	13	19	53.10	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-404	-49.294073	13.319142	-49	17	38.66	13	19	8.91	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-405	-49.296342	13.306893	-49	17	46.83	13	18	24.81	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-406	-49.298676	13.294672	-49	17	55.23	13	17	40.82	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-407	-49.301075	13.282480	-49	18	3.87	13	16	56.93	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-408	-49.303539	13.270318	-49	18	12.74	13	16	13.14	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-409	-49.306068	13.258186	-49	18	21.84	13	15	29.47	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-410	-49.308661	13.246086	-49	18	31.18	13	14	45.91	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-411	-49.311319	13.234018	-49	18	40.75	13	14	2.46	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-412	-49.314042	13.221984	-49	18	50.55	13	13	19.14	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-413	-49.316829	13.209982	-49	19	0.58	13	12	35.94	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-414	-49.319680	13.198016	-49	19	10.85	13	11	52.86	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-415	-49.322595	13.186085	-49	19	21.34	13	11	9.91	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-416	-49.325573	13.174189	-49	19	32.06	13	10	27.08	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-417	-49.328615	13.162331	-49	19	43.01	13	9	44.39	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-418	-49.331720	13.150511	-49	19	54.19	13	9	1.84	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-419	-49.334888	13.138729	-49	20	5.60	13	8	19.42	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-420	-49.338120	13.126986	-49	20	17.23	13	7	37.15	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-421	-49.341413	13.115283	-49	20	29.09	13	6	55.02	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-422	-49.344769	13.103622	-49	20	41.17	13	6	13.04	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-423	-49.348188	13.092001	-49	20	53.48	13	5	31.20	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-424	-49.351668	13.080423	-49	21	6.00	13	4	49.52	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-425	-49.355210	13.068889	-49	21	18.76	13	4	8.00	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-426	-49.358814	13.057398	-49	21	31.73	13	3	26.63	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-427	-49.362478	13.045952	-49	21	44.92	13	2	45.43	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-428	-49.366204	13.034551	-49	21	58.33	13	2	4.38	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-429	-49.369991	13.023197	-49	22	11.97	13	1	23.51	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-430	-49.373838	13.011889	-49	22	25.82	13	0	42.80	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-431	-49.377746	13.000629	-49	22	39.89	13	0	2.26	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-432	-49.381713	12.989418	-49	22	54.17	12	59	21.90	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-433	-49.385741	12.978256	-49	23	8.67	12	58	41.72	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-434	-49.389828	12.967143	-49	23	23.38	12	58	1.71	Art, 76(4)(a)(ii): FOS+60M	0.500	926



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	LAT DD	LON DD	LAT D	LAT M	LAT S	LON D	LON M	LON S			
BO-435	-49.393974	12.956082	-49	23	38.31	12	57	21.90	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-436	-49.398179	12.945072	-49	23	53.44	12	56	42.26	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-437	-49.402442	12.934114	-49	24	8.79	12	56	2.81	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-438	-49.406764	12.923209	-49	24	24.35	12	55	23.55	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-439	-49.411145	12.912357	-49	24	40.12	12	54	44.49	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-440	-49.415583	12.901560	-49	24	56.10	12	54	5.62	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-441	-49.420078	12.890818	-49	25	12.28	12	53	26.94	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-442	-49.424631	12.880132	-49	25	28.67	12	52	48.48	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-443	-49.429241	12.869503	-49	25	45.27	12	52	10.21	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-444	-49.433908	12.858930	-49	26	2.07	12	51	32.15	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-445	-49.438630	12.848416	-49	26	19.07	12	50	54.30	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-446	-49.443409	12.837960	-49	26	36.27	12	50	16.66	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-447	-49.448244	12.827564	-49	26	53.68	12	49	39.23	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-448	-49.453134	12.817228	-49	27	11.28	12	49	2.02	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-449	-49.458078	12.806952	-49	27	29.08	12	48	25.03	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-450	-49.463078	12.796738	-49	27	47.08	12	47	48.26	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-451	-49.468132	12.786587	-49	28	5.28	12	47	11.71	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-452	-49.473240	12.776498	-49	28	23.66	12	46	35.39	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-453	-49.478402	12.766472	-49	28	42.25	12	45	59.30	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-454	-49.483618	12.756511	-49	29	1.02	12	45	23.44	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-455	-49.488886	12.746615	-49	29	19.99	12	44	47.81	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-456	-49.494207	12.736784	-49	29	39.15	12	44	12.42	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-457	-49.499580	12.727020	-49	29	58.49	12	43	37.27	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-458	-49.505006	12.717323	-49	30	18.02	12	43	2.36	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-459	-49.510483	12.707693	-49	30	37.74	12	42	27.69	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-460	-49.516011	12.698132	-49	30	57.64	12	41	53.28	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-461	-49.521590	12.688639	-49	31	17.72	12	41	19.10	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-462	-49.527220	12.679216	-49	31	37.99	12	40	45.18	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-463	-49.532899	12.669863	-49	31	58.44	12	40	11.51	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-464	-49.538629	12.660581	-49	32	19.06	12	39	38.09	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-465	-49.544408	12.651371	-49	32	39.87	12	39	4.94	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-466	-49.550236	12.642233	-49	33	0.85	12	38	32.04	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-467	-49.556112	12.633167	-49	33	22.00	12	37	59.40	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-468	-49.562037	12.624175	-49	33	43.33	12	37	27.03	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-469	-49.568010	12.615257	-49	34	4.84	12	36	54.93	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-470	-49.574030	12.606414	-49	34	26.51	12	36	23.09	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-471	-49.580097	12.597645	-49	34	48.35	12	35	51.52	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-472	-49.586211	12.588953	-49	35	10.36	12	35	20.23	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-473	-49.592371	12.580337	-49	35	32.54	12	34	49.21	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-474	-49.598577	12.571799	-49	35	54.88	12	34	18.48	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-475	-49.604828	12.563338	-49	36	17.38	12	33	48.02	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-476	-49.611124	12.554955	-49	36	40.05	12	33	17.84	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-477	-49.617465	12.546651	-49	37	2.87	12	32	47.94	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-478	-49.623850	12.538427	-49	37	25.86	12	32	18.34	Art, 76(4)(a)(ii): FOS+60M	0.500	926

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BO-479	-49.630279	12.530282	-49	37	49.00	12	31	49.02	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-480	-49.636751	12.522218	-49	38	12.30	12	31	19.98	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-481	-50.495199	11.321267	-50	29	42.72	11	19	16.56	Art, 76(4)(a)(ii): FOS+60M	69.380	128491
BO-482	-50.988039	10.283077	-50	59	16.94	10	16	59.08	Art, 76(4)(a)(ii): FOS+60M	49.417	91520
BO-483	-51.334287	8.905876	-51	20	3.43	8	54	21.15	Art, 76(4)(a)(ii): FOS+60M	56.023	103754
BO-484	-51.374127	7.957082	-51	22	26.86	7	57	25.50	Art, 76(4)(a)(ii): FOS+60M	35.768	66243
BO-485	-51.396239	7.000581	-51	23	46.46	7	0	2.09	Art, 76(4)(a)(ii): FOS+60M	35.978	66632
BO-486	-51.396532	6.987284	-51	23	47.52	6	59	14.22	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-487	-51.396894	6.973991	-51	23	48.82	6	58	26.37	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-488	-51.397323	6.960704	-51	23	50.36	6	57	38.53	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-489	-51.397820	6.947422	-51	23	52.15	6	56	50.72	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-490	-51.398384	6.934147	-51	23	54.18	6	56	2.93	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-491	-51.399016	6.920880	-51	23	56.46	6	55	15.17	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-492	-51.399716	6.907621	-51	23	58.98	6	54	27.44	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-493	-51.400484	6.894372	-51	24	1.74	6	53	39.74	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-494	-51.401319	6.881133	-51	24	4.75	6	52	52.08	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-495	-51.402221	6.867905	-51	24	8.00	6	52	4.46	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-496	-51.403191	6.854688	-51	24	11.49	6	51	16.88	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-497	-51.404228	6.841485	-51	24	15.22	6	50	29.35	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-498	-51.405333	6.828295	-51	24	19.20	6	49	41.86	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-499	-51.406505	6.815120	-51	24	23.42	6	48	54.43	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-500	-51.407744	6.801960	-51	24	27.88	6	48	7.06	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-501	-51.409050	6.788817	-51	24	32.58	6	47	19.74	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-502	-51.410422	6.775690	-51	24	37.52	6	46	32.48	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-503	-51.411862	6.762581	-51	24	42.70	6	45	45.29	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-504	-51.413369	6.749492	-51	24	48.13	6	44	58.17	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-505	-51.414942	6.736421	-51	24	53.79	6	44	11.12	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-506	-51.416582	6.723372	-51	24	59.70	6	43	24.14	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-507	-51.418289	6.710343	-51	25	5.84	6	42	37.23	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-508	-51.420061	6.697337	-51	25	12.22	6	41	50.41	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-509	-51.421900	6.684354	-51	25	18.84	6	41	3.67	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-510	-51.423805	6.671395	-51	25	25.70	6	40	17.02	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-511	-51.425777	6.658460	-51	25	32.80	6	39	30.46	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-512	-51.427814	6.645551	-51	25	40.13	6	38	43.98	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-513	-51.429917	6.632669	-51	25	47.70	6	37	57.61	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-514	-51.432085	6.619814	-51	25	55.51	6	37	11.33	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-515	-51.434319	6.606986	-51	26	3.55	6	36	25.15	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-516	-51.436618	6.594188	-51	26	11.82	6	35	39.08	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-517	-51.438983	6.581420	-51	26	20.34	6	34	53.11	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-518	-51.441412	6.568682	-51	26	29.08	6	34	7.26	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-519	-51.443906	6.555976	-51	26	38.06	6	33	21.51	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-520	-51.446465	6.543302	-51	26	47.27	6	32	35.89	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-521	-51.449089	6.530661	-51	26	56.72	6	31	50.38	Art, 76(4)(a)(ii): FOS+60M	0.500	926
BO-522	-51.492372	6.110120	-51	29	32.54	6	6	36.43	Art, 76(4)(a)(ii): FOS+60M, 200M	15.991	29615





