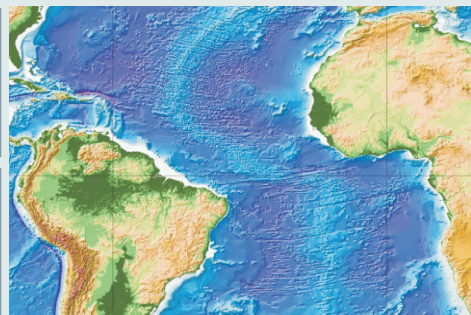
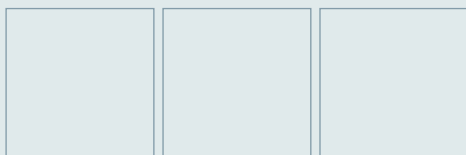


**Submission  
to the  
Commission on the Limits of the Continental Shelf  
pursuant to Article 76, paragraph 8  
of the  
United Nations Convention on the Law of the Sea 1982  
in respect of  
  
Ascension Island**



**United Kingdom of Great Britain and Northern Ireland**

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## **Ascension Island**

### **Executive Summary**

#### **1. Introduction**

This submission to the Commission on the Limits of the Continental Shelf is made by the United Kingdom of Great Britain and Northern Ireland (UK) pursuant to Article 76, paragraph 8 of the Convention in support of the establishment of the outer limit of the continental shelf in the area around the UK's Overseas Sovereign Territory of Ascension Island.

Ascension Island is a dependency of the British Overseas Territory of Saint Helena, some 750 nautical miles southeast. Executive authority is vested in the Queen, who is represented on Ascension by the Administrator.

Ascension Island has had a long history of occupation and economic activity that qualifies it under UNCLOS Article 121 for both an Exclusive Economic Zone and a Continental Shelf.

#### **2. Outer limit of the continental shelf in the Area of Ascension Island**

The present submission deals only with the outer limit of the continental shelf appurtenant to Ascension Island and thus is a partial submission of the UK.

#### **3. Provisions of Article 76 invoked**

The outer limits contained in this submission are based on the provisions of Article 76.4 (a)(ii), 76.4 (b) 76.6 and 76.7.

#### **4. Names of any Commission members who provided advice during the preparation of the submission**

No advice was provided by any member of the Commission.

#### **5. Absence of disputes**

In accordance with paragraph 2(a) of Annex 1 to the Commission's Rules of Procedure, the UK wishes to inform the Commission that the area of continental shelf that is the subject of this partial submission is not the subject of any dispute between them and any other state.

#### **6. Description of the outer limit of the continental shelf around Ascension Island**

The outer limit around Ascension Island can be described in two parts – to the east and west of Ascension respectively. In both areas, the provision contained in paragraph 4 (a) (ii) of Article 76 (60 nautical miles from the foot of the continental slope) has been applied. Ten foot of the slope points have been identified in the East Area (FOS 1E to FOS 10E) of which 8 contribute to the outer limit (FOS 1E, FOS 3E to FOS 7E and FOS 9E to FOS 10E). In the

West Area all the foot of slope points (FOS 1W to FOS 11W) exceed 350M from the territorial sea baseline and do not contribute to the outer limit. In this area the outer limit is defined by 350M arcs from the baseline as provided for in Article 76, paragraph 6.

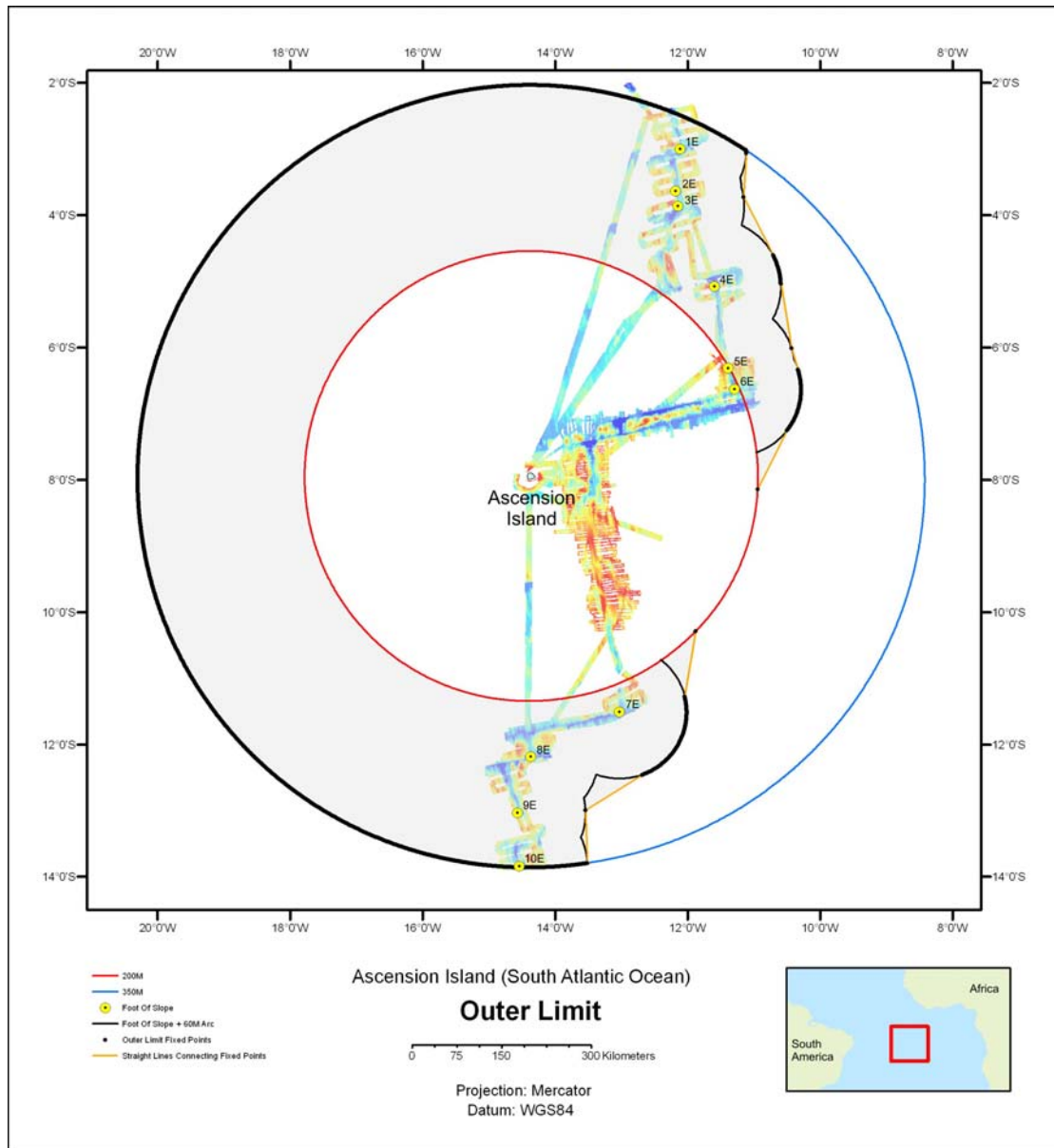


Figure 1 Outer limit of the continental shelf beyond 200M around Ascension Island highlighted in grey.

Table 1 List of coordinates and method of determination for each fixed point describing the outer limit.

FP	Latitude (South)	Longitude (West)	Method	From FP	To FP	Distance (M)
1	10.2871641	11.8779110	Fixed Point on 200M limit			
2	11.2704896	12.0392147	Fixed point from 60M envelope of arcs generated from FOS 7E	1	2	59.5
3	11.2867823	12.0353048	Fixed point from 60M envelope of arcs generated from FOS 7E	2	3	1
4	11.3031339	12.0316711	Fixed point from 60M envelope of arcs generated from FOS 7E	3	4	1
5	11.3195444	12.0283136	Fixed point from 60M envelope of arcs generated from FOS 7E	4	5	1
6	11.3360071	12.0252347	Fixed point from 60M envelope of arcs generated from FOS 7E	5	6	1
7	11.3525177	12.0224319	Fixed point from 60M envelope of arcs generated from FOS 7E	6	7	1
8	11.3690737	12.0199077	Fixed point from 60M envelope of arcs generated from FOS 7E	7	8	1
9	11.3856687	12.0176641	Fixed point from 60M envelope of arcs generated from FOS 7E	8	9	1
10	11.4022960	12.0157013	Fixed point from 60M envelope of arcs generated from FOS 7E	9	10	1
11	11.4189555	12.0140192	Fixed point from 60M envelope of arcs generated from FOS 7E	10	11	1
12	11.4356406	12.0126178	Fixed point from 60M envelope of arcs generated from FOS 7E	11	12	1
13	11.4523447	12.0114994	Fixed point from 60M envelope of arcs generated from FOS 7E	12	13	1
14	11.4690654	12.0106617	Fixed point from 60M envelope of arcs generated from FOS 7E	13	14	1
15	11.4857985	12.0101070	Fixed point from 60M envelope of arcs generated from FOS 7E	14	15	1
16	11.5025372	12.0098353	Fixed point from 60M envelope of arcs generated from FOS 7E	15	16	1
17	11.5192771	12.0098465	Fixed point from 60M envelope of arcs generated from FOS 7E	16	17	1
18	11.5360160	12.0101407	Fixed point from 60M envelope of arcs generated from FOS 7E	17	18	1
19	11.5527472	12.0107179	Fixed point from 60M envelope of arcs generated from FOS 7E	18	19	1
20	11.5694686	12.0115780	Fixed point from 60M envelope of arcs generated from FOS 7E	19	20	1
21	11.5861712	12.0127189	Fixed point from 60M envelope of arcs generated from FOS 7E	20	21	1
22	11.6028529	12.0141450	Fixed point from 60M envelope of arcs generated from FOS 7E	21	22	1
23	11.6195093	12.0158518	Fixed point from 60M envelope of arcs generated from FOS 7E	22	23	1
24	11.6361358	12.0178393	Fixed point from 60M envelope of arcs generated from FOS 7E	23	24	1
25	11.6527259	12.0201075	Fixed point from 60M envelope of arcs generated from FOS 7E	24	25	1
26	11.6692774	12.0226565	Fixed point from 60M envelope of arcs generated from FOS 7E	25	26	1
27	11.6857859	12.0254862	Fixed point from 60M envelope of arcs generated from FOS 7E	26	27	1
28	11.7022424	12.0285944	Fixed point from 60M envelope of arcs generated from FOS 7E	27	28	1
29	11.7186470	12.0319810	Fixed point from 60M envelope of arcs generated from FOS 7E	28	29	1
30	11.7349954	12.0356439	Fixed point from 60M envelope of arcs generated from FOS 7E	29	30	1
31	11.7512785	12.0395853	Fixed point from 60M envelope of arcs generated from FOS 7E	30	31	1
32	11.7674966	12.0438006	Fixed point from 60M envelope of arcs generated from FOS 7E	31	32	1
33	11.7836428	12.0482899	Fixed point from 60M envelope of arcs generated from FOS 7E	32	33	1
34	11.7997129	12.0530532	Fixed point from 60M envelope of arcs generated from FOS 7E	33	34	1
35	11.8157023	12.0580861	Fixed point from 60M envelope of arcs generated from FOS 7E	34	35	1
36	11.8316068	12.0633906	Fixed point from 60M envelope of arcs generated from FOS 7E	35	36	1
37	11.8474218	12.0689647	Fixed point from 60M envelope of arcs generated from FOS 7E	36	37	1
38	11.8631430	12.0748060	Fixed point from 60M envelope of arcs generated from FOS 7E	37	38	1
39	11.8787660	12.0809123	Fixed point from 60M envelope of arcs generated from FOS 7E	38	39	1
40	11.8942863	12.0872836	Fixed point from 60M envelope of arcs generated from FOS 7E	39	40	1
41	11.9096995	12.0939176	Fixed point from 60M envelope of arcs generated from FOS 7E	40	41	1
42	11.9250013	12.1008122	Fixed point from 60M envelope of arcs generated from FOS 7E	41	42	1
43	11.9401872	12.1079650	Fixed point from 60M envelope of arcs generated from FOS 7E	42	43	1
44	11.9552551	12.1153739	Fixed point from 60M envelope of arcs generated from FOS 7E	43	44	1
45	11.9701983	12.1230387	Fixed point from 60M envelope of arcs generated from FOS 7E	44	45	1
46	11.9850146	12.1309551	Fixed point from 60M envelope of arcs generated from FOS 7E	45	46	1
47	11.9996975	12.1391231	Fixed point from 60M envelope of arcs generated from FOS 7E	46	47	1
48	12.0142425	12.1475403	Fixed point from 60M envelope of arcs generated from FOS 7E	47	48	1
49	12.0286496	12.1562023	Fixed point from 60M envelope of arcs generated from FOS 7E	48	49	1
50	12.0429123	12.1651069	Fixed point from 60M envelope of arcs generated from FOS 7E	49	50	1
51	12.0570261	12.1742539	Fixed point from 60M envelope of arcs generated from FOS 7E	50	51	1
52	12.0709866	12.1836391	Fixed point from 60M envelope of arcs generated from FOS 7E	51	52	1
53	12.0847917	12.1932601	Fixed point from 60M envelope of arcs generated from FOS 7E	52	53	1
54	12.0984369	12.2031146	Fixed point from 60M envelope of arcs generated from FOS 7E	53	54	1
55	12.1119179	12.2132004	Fixed point from 60M envelope of arcs generated from FOS 7E	54	55	1
56	12.1252325	12.2235153	Fixed point from 60M envelope of arcs generated from FOS 7E	55	56	1
57	12.1383740	12.2340525	Fixed point from 60M envelope of arcs generated from FOS 7E	56	57	1
58	12.1513403	12.2448144	Fixed point from 60M envelope of arcs generated from FOS 7E	57	58	1
59	12.1641293	12.2557940	Fixed point from 60M envelope of arcs generated from FOS 7E	58	59	1
60	12.1767364	12.2669893	Fixed point from 60M envelope of arcs generated from FOS 7E	59	60	1
61	12.1891551	12.2783979	Fixed point from 60M envelope of arcs generated from FOS 7E	60	61	1



62	12.2013877	12.2900176	Fixed point from 60M envelope of arcs generated from FOS 7E	61	62	1
63	12.2134253	12.3018417	Fixed point from 60M envelope of arcs generated from FOS 7E	62	63	1
64	12.2252680	12.3138701	Fixed point from 60M envelope of arcs generated from FOS 7E	63	64	1
65	12.2369113	12.3261007	Fixed point from 60M envelope of arcs generated from FOS 7E	64	65	1
66	12.2483531	12.3385244	Fixed point from 60M envelope of arcs generated from FOS 7E	65	66	1
67	12.2595868	12.3511435	Fixed point from 60M envelope of arcs generated from FOS 7E	66	67	1
68	12.2706123	12.3639512	Fixed point from 60M envelope of arcs generated from FOS 7E	67	68	1
69	12.2814254	12.3769453	Fixed point from 60M envelope of arcs generated from FOS 7E	68	69	1
70	12.2920239	12.3901236	Fixed point from 60M envelope of arcs generated from FOS 7E	69	70	1
71	12.3024055	12.4034793	Fixed point from 60M envelope of arcs generated from FOS 7E	70	71	1
72	12.3125658	12.4170102	Fixed point from 60M envelope of arcs generated from FOS 7E	71	72	1
73	12.3225005	12.4307117	Fixed point from 60M envelope of arcs generated from FOS 7E	72	73	1
74	12.3322096	12.4445817	Fixed point from 60M envelope of arcs generated from FOS 7E	73	74	1
75	12.3416910	12.4586134	Fixed point from 60M envelope of arcs generated from FOS 7E	74	75	1
76	12.3509379	12.4728068	Fixed point from 60M envelope of arcs generated from FOS 7E	75	76	1
77	12.3599505	12.4871551	Fixed point from 60M envelope of arcs generated from FOS 7E	76	77	1
78	12.3687287	12.5016562	Fixed point from 60M envelope of arcs generated from FOS 7E	77	78	1
79	12.3772638	12.5163032	Fixed point from 60M envelope of arcs generated from FOS 7E	78	79	1
80	12.3855602	12.5310962	Fixed point from 60M envelope of arcs generated from FOS 7E	79	80	1
81	12.3936090	12.5460262	Fixed point from 60M envelope of arcs generated from FOS 7E	80	81	1
82	12.4014148	12.5610932	Fixed point from 60M envelope of arcs generated from FOS 7E	81	82	1
83	12.4089687	12.5762905	Fixed point from 60M envelope of arcs generated from FOS 7E	82	83	1
84	12.4162730	12.5916157	Fixed point from 60M envelope of arcs generated from FOS 7E	83	84	1
85	12.4233254	12.6070622	Fixed point from 60M envelope of arcs generated from FOS 7E	84	85	1
86	12.4301216	12.6226278	Fixed point from 60M envelope of arcs generated from FOS 7E	85	86	1
87	12.4366616	12.6383057	Fixed point from 60M envelope of arcs generated from FOS 7E	86	87	1
88	12.4429431	12.6540958	Fixed point from 60M envelope of arcs generated from FOS 7E	87	88	1
89	12.4489641	12.6699892	Fixed point from 60M envelope of arcs generated from FOS 7E	88	89	1
90	12.4547223	12.6859837	Fixed point from 60M envelope of arcs generated from FOS 7E	89	90	1
91	12.9909196	13.5401221	Fixed point from 60M envelope of arcs generated from FOS 9E	90	91	59.455
92	13.7885745	13.5123238	Fixed point from 60M envelope of arcs generated from FOS 10E on 350M intersect	91	92	47.67
93	13.7889827	13.5150546	Fixed point on 350M constraint	92	93	0.16
94	13.7914608	13.5319632	Fixed point on 350M constraint	93	94	1
95	13.7938883	13.5488785	Fixed point on 350M constraint	94	95	1
96	13.7962698	13.5658027	Fixed point on 350M constraint	95	96	1
97	13.7986007	13.5827337	Fixed point on 350M constraint	96	97	1
98	13.8008855	13.5996714	Fixed point on 350M constraint	97	98	1
99	13.8031198	13.6166159	Fixed point on 350M constraint	98	99	1
100	13.8053080	13.6335671	Fixed point on 350M constraint	99	100	1
101	13.8074457	13.6505251	Fixed point on 350M constraint	100	101	1
102	13.8095373	13.6674898	Fixed point on 350M constraint	101	102	1
103	13.8115806	13.6844612	Fixed point on 350M constraint	102	103	1
104	13.8135734	13.7014393	Fixed point on 350M constraint	103	104	1
105	13.8155201	13.7184220	Fixed point on 350M constraint	104	105	1
106	13.8174185	13.7354114	Fixed point on 350M constraint	105	106	1
107	13.8192664	13.7524053	Fixed point on 350M constraint	106	107	1
108	13.8210681	13.7694059	Fixed point on 350M constraint	107	108	1
109	13.8228194	13.7864110	Fixed point on 350M constraint	108	109	1
110	13.8245225	13.8034228	Fixed point on 350M constraint	109	110	1
111	13.8261794	13.8204392	Fixed point on 350M constraint	110	111	1
112	13.8277858	13.8374600	Fixed point on 350M constraint	111	112	1
113	13.8293439	13.8544853	Fixed point on 350M constraint	112	113	1
114	13.8308538	13.8715174	Fixed point on 350M constraint	113	114	1
115	13.8323153	13.8885517	Fixed point on 350M constraint	114	115	1
116	13.8337286	13.9055905	Fixed point on 350M constraint	115	116	1
117	13.8350936	13.9226338	Fixed point on 350M constraint	116	117	1
118	13.8364102	13.9396838	Fixed point on 350M constraint	117	118	1
119	13.8376765	13.9567338	Fixed point on 350M constraint	118	119	1
120	13.8388966	13.9737906	Fixed point on 350M constraint	119	120	1
121	13.8400662	13.9908496	Fixed point on 350M constraint	120	121	1
122	13.8411876	14.0079131	Fixed point on 350M constraint	121	122	1
123	13.8422606	14.0249788	Fixed point on 350M constraint	122	123	1
124	13.8432854	14.0420468	Fixed point on 350M constraint	123	124	1
125	13.8442620	14.0591193	Fixed point on 350M constraint	124	125	1
126	13.8451902	14.0761963	Fixed point on 350M constraint	125	126	1
127	13.8460679	14.0932732	Fixed point on 350M constraint	126	127	1
128	13.8468996	14.1103547	Fixed point on 350M constraint	127	128	1
129	13.8476808	14.1274362	Fixed point on 350M constraint	128	129	1
130	13.8484137	14.1445221	Fixed point on 350M constraint	129	130	1

131	13.8490962	14.1616103	Fixed point on 350M constraint	130	131	1
132	13.8497325	14.1787008	Fixed point on 350M constraint	131	132	1
133	13.8503206	14.1957912	Fixed point on 350M constraint	132	133	1
134	13.8508582	14.2128839	Fixed point on 350M constraint	133	134	1
135	13.8513476	14.2299789	Fixed point on 350M constraint	134	135	1
136	13.8517886	14.2470760	Fixed point on 350M constraint	135	136	1
137	13.8521814	14.2641732	Fixed point on 350M constraint	136	137	1
138	13.8525237	14.2812704	Fixed point on 350M constraint	137	138	1
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150	13.8528507	14.4864883	Fixed point on 350M constraint	149	150	1
151	13.8525610	14.5035877	Fixed point on 350M constraint	150	151	1
152	13.8522231	14.5206872	Fixed point on 350M constraint	151	152	1
153	13.8518369	14.5377843	Fixed point on 350M constraint	152	153	1
154	13.8514002	14.5548815	Fixed point on 350M constraint	153	154	1
155	13.8509175	14.5719765	Fixed point on 350M constraint	154	155	1
156	13.8503842	14.5890692	Fixed point on 350M constraint	155	156	1
157	13.8498027	14.6061596	Fixed point on 350M constraint	156	157	1
158	13.8491730	14.6232501	Fixed point on 350M constraint	157	158	1
159	13.8484949	14.6403383	Fixed point on 350M constraint	158	159	1
160	13.8477664	14.6574242	Fixed point on 350M constraint	159	160	1
161	13.8469918	14.6745079	Fixed point on 350M constraint	160	161	1
162	13.8461667	14.6915871	Fixed point on 350M constraint	161	162	1
163	13.8452933	14.7086664	Fixed point on 350M constraint	162	163	1
164	13.8443717	14.7257411	Fixed point on 350M constraint	163	164	1
165	13.8434017	14.7428158	Fixed point on 350M constraint	164	165	1
166	13.8423813	14.7598838	Fixed point on 350M constraint	165	166	1
167	13.8413148	14.7769518	Fixed point on 350M constraint	166	167	1
168	13.8401979	14.7940153	Fixed point on 350M constraint	167	168	1
169	13.8390326	14.8110743	Fixed point on 350M constraint	168	169	1
170	13.8378191	14.8281288	Fixed point on 350M constraint	169	170	1
171	13.8367548	14.8425760	Fixed point on 350M constraint	170	171	1
172	13.8364234	14.8469755	Fixed point on 350M constraint	171	172	1
173	13.8351133	14.8640255	Fixed point on 350M constraint	172	173	1
174	13.8337549	14.8810688	Fixed point on 350M constraint	173	174	1
175	13.8323460	14.8981098	Fixed point on 350M constraint	174	175	1
176	13.8308911	14.9151441	Fixed point on 350M constraint	175	176	1
177	13.8293856	14.9321762	Fixed point on 350M constraint	176	177	1
178	13.8278341	14.9492015	Fixed point on 350M constraint	177	178	1
179	13.8262320	14.9662246	Fixed point on 350M constraint	178	179	1
180	13.8245817	14.9832409	Fixed point on 350M constraint	179	180	1
181	13.8228831	15.0002528	Fixed point on 350M constraint	180	181	1
182	13.8211362	15.0172579	Fixed point on 350M constraint	181	182	1
183	13.8193410	15.0342585	Fixed point on 350M constraint	182	183	1
184	13.8174975	15.0512546	Fixed point on 350M constraint	183	184	1
185	13.8156057	15.0682440	Fixed point on 350M constraint	184	185	1
186	13.8136656	15.0852289	Fixed point on 350M constraint	185	186	1
187	13.8116772	15.1022048	Fixed point on 350M constraint	186	187	1
188	13.8108607	15.1090567	Fixed point on 350M constraint	187	188	1
189	13.8088416	15.1258799	Fixed point on 350M constraint	188	189	1
190	13.8067566	15.1428468	Fixed point on 350M constraint	189	190	1
191	13.8046232	15.1598048	Fixed point on 350M constraint	190	191	1
192	13.8024416	15.1767582	Fixed point on 350M constraint	191	192	1
193	13.8002117	15.1937027	Fixed point on 350M constraint	192	193	1
194	13.7979335	15.2106427	Fixed point on 350M constraint	193	194	1
195	13.7956069	15.2275737	Fixed point on 350M constraint	194	195	1
196	13.7932321	15.2444980	Fixed point on 350M constraint	195	196	1
197	13.7908089	15.2614155	Fixed point on 350M constraint	196	197	1
198	13.7883374	15.2783240	Fixed point on 350M constraint	197	198	1
199	13.7858176	15.2952258	Fixed point on 350M constraint	198	199	1
200	13.7832517	15.3121209	Fixed point on 350M constraint	199	200	1

201	13.7806352	15.3290070	Fixed point on 350M constraint	200	201	1
202	13.7779727	15.3458863	Fixed point on 350M constraint	201	202	1
203	13.7752618	15.3627567	Fixed point on 350M constraint	202	203	1
204	13.7725026	15.3796181	Fixed point on 350M constraint	203	204	1
205	13.7696951	15.3964704	Fixed point on 350M constraint	204	205	1
206	13.7668392	15.4133161	Fixed point on 350M constraint	205	206	1
207	13.7639350	15.4301505	Fixed point on 350M constraint	206	207	1
208	13.7609847	15.4469782	Fixed point on 350M constraint	207	208	1
209	13.7579860	15.4637969	Fixed point on 350M constraint	208	209	1
210	13.7549390	15.4806044	Fixed point on 350M constraint	209	210	1
211	13.7518437	15.4974029	Fixed point on 350M constraint	210	211	1
212	13.7487001	15.5141947	Fixed point on 350M constraint	211	212	1
213	13.7455102	15.5309729	Fixed point on 350M constraint	212	213	1
214	13.7422721	15.5477445	Fixed point on 350M constraint	213	214	1
215	13.7389856	15.5645048	Fixed point on 350M constraint	214	215	1
216	13.7356529	15.5812539	Fixed point on 350M constraint	215	216	1
217	13.7322719	15.5979940	Fixed point on 350M constraint	216	217	1
218	13.7288426	15.6147251	Fixed point on 350M constraint	217	218	1
219	13.7253671	15.6314428	Fixed point on 350M constraint	218	219	1
220	13.7218432	15.6481514	Fixed point on 350M constraint	219	220	1
221	13.7182710	15.6648489	Fixed point on 350M constraint	220	221	1
222	13.7146526	15.6815351	Fixed point on 350M constraint	221	222	1
223	13.7109859	15.6982123	Fixed point on 350M constraint	222	223	1
224	13.7072708	15.7148761	Fixed point on 350M constraint	223	224	1
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1335	2.1498712	13.1869652	Fixed point on 350M constraint	1334	1335	1
1336	2.1532805	13.1706945	Fixed point on 350M constraint	1335	1336	1
1337	2.1567350	13.1544349	Fixed point on 350M constraint	1336	1337	1
1338	2.1602369	13.1381822	Fixed point on 350M constraint	1337	1338	1
1339	2.1637840	13.1219406	Fixed point on 350M constraint	1338	1339	1
1340	2.1673785	13.1057103	Fixed point on 350M constraint	1339	1340	1
1341	2.1710182	13.0894890	Fixed point on 350M constraint	1340	1341	1
1342	2.1747053	13.0732789	Fixed point on 350M constraint	1341	1342	1
1343	2.1784377	13.0570778	Fixed point on 350M constraint	1342	1343	1
1344	2.1822151	13.0408879	Fixed point on 350M constraint	1343	1344	1
1345	2.1860401	13.0247092	Fixed point on 350M constraint	1344	1345	1
1346	2.1899102	13.0085396	Fixed point on 350M constraint	1345	1346	1
1347	2.1938277	12.9923834	Fixed point on 350M constraint	1346	1347	1
1348	2.1977904	12.9762361	Fixed point on 350M constraint	1347	1348	1
1349	2.2018006	12.9601002	Fixed point on 350M constraint	1348	1349	1
1350	2.2058536	12.9439754	Fixed point on 350M constraint	1349	1350	1
1351	2.2099541	12.9278641	Fixed point on 350M constraint	1350	1351	1
1352	2.2141020	12.9117618	Fixed point on 350M constraint	1351	1352	1
1353	2.2182929	12.8956730	Fixed point on 350M constraint	1352	1353	1
1354	2.2225311	12.8795954	Fixed point on 350M constraint	1353	1354	1
1355	2.2268168	12.8635313	Fixed point on 350M constraint	1354	1355	1
1356	2.2311454	12.8474761	Fixed point on 350M constraint	1355	1356	1
1357	2.2355215	12.8314345	Fixed point on 350M constraint	1356	1357	1
1358	2.2399427	12.8154063	Fixed point on 350M constraint	1357	1358	1
1359	2.2444091	12.7993893	Fixed point on 350M constraint	1358	1359	1
1360	2.2489206	12.7833858	Fixed point on 350M constraint	1359	1360	1
1361	2.2534796	12.7673958	Fixed point on 350M constraint	1360	1361	1
1362	2.2580815	12.7514170	Fixed point on 350M constraint	1361	1362	1
1363	2.2627308	12.7354517	Fixed point on 350M constraint	1362	1363	1
1364	2.2674253	12.7194976	Fixed point on 350M constraint	1363	1364	1
1365	2.2721649	12.7035593	Fixed point on 350M constraint	1364	1365	1
1366	2.2769497	12.6876344	Fixed point on 350M constraint	1365	1366	1
1367	2.2817820	12.6717207	Fixed point on 350M constraint	1366	1367	1
1368	2.2866571	12.6558228	Fixed point on 350M constraint	1367	1368	1
1369	2.2915774	12.6399383	Fixed point on 350M constraint	1368	1369	1
1370	2.2965429	12.6240674	Fixed point on 350M constraint	1369	1370	1
1371	2.3015558	12.6082098	Fixed point on 350M constraint	1370	1371	1
1372	2.3066116	12.5923681	Fixed point on 350M constraint	1371	1372	1
1373	2.3117148	12.5765375	Fixed point on 350M constraint	1372	1373	1
1374	2.3168609	12.5607249	Fixed point on 350M constraint	1373	1374	1
1375	2.3180605	12.5570598	Fixed point on 350M constraint	1374	1375	1
1376	2.3229445	12.5421971	Fixed point on 350M constraint	1375	1376	1
1377	2.3281810	12.5264115	Fixed point on 350M constraint	1376	1377	1
1378	2.3334626	12.5106416	Fixed point on 350M constraint	1377	1378	1
1379	2.3387894	12.4948851	Fixed point on 350M constraint	1378	1379	1
1380	2.3441613	12.4791444	Fixed point on 350M constraint	1379	1380	1
1381	2.3495784	12.4634194	Fixed point on 350M constraint	1380	1381	1
1382	2.3550384	12.4477079	Fixed point on 350M constraint	1381	1382	1
1383	2.3605435	12.4320143	Fixed point on 350M constraint	1382	1383	1
1384	2.3660938	12.4163342	Fixed point on 350M constraint	1383	1384	1
1385	2.3716893	12.4006698	Fixed point on 350M constraint	1384	1385	1
1386	2.3773299	12.3850234	Fixed point on 350M constraint	1385	1386	1
1387	2.3830134	12.3693905	Fixed point on 350M constraint	1386	1387	1
1388	2.3887421	12.3537733	Fixed point on 350M constraint	1387	1388	1
1389	2.3945159	12.3381740	Fixed point on 350M constraint	1388	1389	1
1390	2.4003326	12.3225905	Fixed point on 350M constraint	1389	1390	1

1391	2.4061945	12.3070227	Fixed point on 350M constraint	1390	1391	1
1392	2.4120992	12.2914729	Fixed point on 350M constraint	1391	1392	1
1393	2.4180514	12.2759365	Fixed point on 350M constraint	1392	1393	1
1394	2.4240442	12.2604203	Fixed point on 350M constraint	1393	1394	1
1395	2.4300844	12.2449199	Fixed point on 350M constraint	1394	1395	1
1396	2.4361675	12.2294352	Fixed point on 350M constraint	1395	1396	1
1397	2.4422935	12.2139685	Fixed point on 350M constraint	1396	1397	1
1398	2.4484647	12.1985197	Fixed point on 350M constraint	1397	1398	1
1399	2.4537887	12.1852516	Fixed point on 350M constraint	1398	1399	1
1400	2.4600027	12.1698185	Fixed point on 350M constraint	1399	1400	1
1401	2.4662619	12.1544057	Fixed point on 350M constraint	1400	1401	1
1402	2.4725639	12.1390085	Fixed point on 350M constraint	1401	1402	1
1403	2.4789111	12.1236294	Fixed point on 350M constraint	1402	1403	1
1404	2.4853012	12.1082682	Fixed point on 350M constraint	1403	1404	1
1405	2.4885538	12.1004686	Fixed point on 350M constraint	1404	1405	1
1406	2.4949890	12.0851253	Fixed point on 350M constraint	1405	1406	1
1407	2.5014648	12.0698001	Fixed point on 350M constraint	1406	1407	1
1408	2.5079880	12.0544928	Fixed point on 350M constraint	1407	1408	1
1409	2.5145519	12.0392035	Fixed point on 350M constraint	1408	1409	1
1410	2.5211586	12.0239321	Fixed point on 350M constraint	1409	1410	1
1411	2.5278105	12.0086810	Fixed point on 350M constraint	1410	1411	1
1412	2.5345053	11.9934478	Fixed point on 350M constraint	1411	1412	1
1413	2.5412451	11.9782348	Fixed point on 350M constraint	1412	1413	1
1414	2.5480257	11.9630376	Fixed point on 350M constraint	1413	1414	1
1415	2.5548513	11.9478628	Fixed point on 350M constraint	1414	1415	1
1416	2.5617198	11.9327059	Fixed point on 350M constraint	1415	1416	1
1417	2.5686290	11.9175671	Fixed point on 350M constraint	1416	1417	1
1418	2.5755832	11.9024484	Fixed point on 350M constraint	1417	1418	1
1419	2.5825804	11.8873500	Fixed point on 350M constraint	1418	1419	1
1420	2.5896204	11.8722718	Fixed point on 350M constraint	1419	1420	1
1421	2.5967033	11.8572115	Fixed point on 350M constraint	1420	1421	1
1422	2.6038291	11.8421715	Fixed point on 350M constraint	1421	1422	1
1423	2.6109977	11.8271517	Fixed point on 350M constraint	1422	1423	1
1424	2.6182093	11.8121543	Fixed point on 350M constraint	1423	1424	1
1425	2.6254636	11.7971749	Fixed point on 350M constraint	1424	1425	1
1426	2.6327609	11.7822157	Fixed point on 350M constraint	1425	1426	1
1427	2.6401010	11.7672767	Fixed point on 350M constraint	1426	1427	1
1428	2.6474817	11.7523602	Fixed point on 350M constraint	1427	1428	1
1429	2.6549053	11.7374639	Fixed point on 350M constraint	1428	1429	1
1430	2.6623718	11.7225878	Fixed point on 350M constraint	1429	1430	1
1431	2.6698811	11.7077319	Fixed point on 350M constraint	1430	1431	1
1432	2.6774310	11.6928984	Fixed point on 350M constraint	1431	1432	1
1433	2.6850261	11.6780852	Fixed point on 350M constraint	1432	1433	1
1434	2.6926595	11.6632945	Fixed point on 350M constraint	1433	1434	1
1435	2.7003380	11.6485262	Fixed point on 350M constraint	1434	1435	1
1436	2.7080571	11.6337781	Fixed point on 350M constraint	1435	1436	1
1437	2.7158191	11.6190502	Fixed point on 350M constraint	1436	1437	1
1438	2.7236217	11.6043448	Fixed point on 350M constraint	1437	1438	1
1439	2.7314671	11.5896640	Fixed point on 350M constraint	1438	1439	1
1440	2.7393531	11.5750013	Fixed point on 350M constraint	1439	1440	1
1441	2.7472820	11.5603632	Fixed point on 350M constraint	1440	1441	1
1442	2.7552515	11.5457477	Fixed point on 350M constraint	1441	1442	1
1443	2.7632638	11.5311545	Fixed point on 350M constraint	1442	1443	1
1444	2.7713168	11.5165816	Fixed point on 350M constraint	1443	1444	1
1445	2.7794125	11.5020334	Fixed point on 350M constraint	1444	1445	1
1446	2.7875467	11.4875076	Fixed point on 350M constraint	1445	1446	1
1447	2.7957259	11.4730043	Fixed point on 350M constraint	1446	1447	1
1448	2.8039434	11.4585235	Fixed point on 350M constraint	1447	1448	1
1449	2.8122038	11.4440673	Fixed point on 350M constraint	1448	1449	1
1450	2.8205048	11.4296337	Fixed point on 350M constraint	1449	1450	1
1451	2.8288464	11.4152224	Fixed point on 350M constraint	1450	1451	1
1452	2.8372285	11.4008359	Fixed point on 350M constraint	1451	1452	1
1453	2.8456513	11.3864719	Fixed point on 350M constraint	1452	1453	1
1454	2.8541168	11.3721325	Fixed point on 350M constraint	1453	1454	1
1455	2.8626207	11.3578156	Fixed point on 350M constraint	1454	1455	1
1456	2.8711675	11.3435234	Fixed point on 350M constraint	1455	1456	1
1457	2.8797548	11.3292559	Fixed point on 350M constraint	1456	1457	1
1458	2.8883827	11.3150109	Fixed point on 350M constraint	1457	1458	1
1459	2.8970489	11.3007906	Fixed point on 350M constraint	1458	1459	1
1460	2.9057580	11.2865949	Fixed point on 350M constraint	1459	1460	1

1461	2.9145054	11.2724240	Fixed point on 350M constraint	1460	1461	1
1462	2.9232956	11.2582778	Fixed point on 350M constraint	1461	1462	1
1463	2.9321241	11.2441563	Fixed point on 350M constraint	1462	1463	1
1464	2.9409932	11.2300595	Fixed point on 350M constraint	1463	1464	1
1465	2.9499006	11.2159873	Fixed point on 350M constraint	1464	1465	1
1466	2.9588508	11.2019399	Fixed point on 350M constraint	1465	1466	1
1467	2.9678393	11.1879172	Fixed point on 350M constraint	1466	1467	1
1468	2.9768684	11.1739192	Fixed point on 350M constraint	1467	1468	1
1469	2.9859381	11.1599482	Fixed point on 350M constraint	1468	1469	1
1470	2.9950461	11.1460018	Fixed point on 350M constraint	1469	1470	1
1471	3.0041946	11.1320825	Fixed point on 350M constraint	1470	1471	1
1472	3.0133815	11.1181878	Fixed point on 350M constraint	1471	1472	1
1473	3.0194548	11.1090586	Fixed point from 60M envelope of arcs generated from FOS 1E on 350M intersect	1472	1473	0.65
1474	3.0238303	11.1091462	Fixed point from 60M envelope of arcs generated from FOS 1E	1473	1474	0.26
1475	3.0405668	11.1097571	Fixed point from 60M envelope of arcs generated from FOS 1E	1474	1475	1
1476	3.0572894	11.1106442	Fixed point from 60M envelope of arcs generated from FOS 1E	1475	1476	1
1477	3.7238017	11.1531300	Fixed point from 60M envelope of arcs generated from FOS 3E	1476	1477	39.88
1478	4.6001753	10.7048280	Fixed point from 60M envelope of arcs generated from FOS 4E	1477	1478	58.825
1479	4.6150260	10.6971137	Fixed point from 60M envelope of arcs generated from FOS 4E	1478	1479	1
1480	4.6300026	10.6896487	Fixed point from 60M envelope of arcs generated from FOS 4E	1479	1480	1
1481	4.6451051	10.6824330	Fixed point from 60M envelope of arcs generated from FOS 4E	1480	1481	1
1482	4.6603221	10.6754665	Fixed point from 60M envelope of arcs generated from FOS 4E	1481	1482	1
1483	4.6756560	10.6687561	Fixed point from 60M envelope of arcs generated from FOS 4E	1482	1483	1
1484	4.6910999	10.6622995	Fixed point from 60M envelope of arcs generated from FOS 4E	1483	1484	1
1485	4.7066471	10.6561011	Fixed point from 60M envelope of arcs generated from FOS 4E	1484	1485	1
1486	4.7222977	10.6501588	Fixed point from 60M envelope of arcs generated from FOS 4E	1485	1486	1
1487	4.7380470	10.6444792	Fixed point from 60M envelope of arcs generated from FOS 4E	1486	1487	1
1488	4.7538861	10.6390623	Fixed point from 60M envelope of arcs generated from FOS 4E	1487	1488	1
1489	4.7698149	10.6339082	Fixed point from 60M envelope of arcs generated from FOS 4E	1488	1489	1
1490	4.7858267	10.6290192	Fixed point from 60M envelope of arcs generated from FOS 4E	1489	1490	1
1491	4.8019192	10.6243973	Fixed point from 60M envelope of arcs generated from FOS 4E	1490	1491	1
1492	4.8180857	10.6200405	Fixed point from 60M envelope of arcs generated from FOS 4E	1491	1492	1
1493	4.8343239	10.6159554	Fixed point from 60M envelope of arcs generated from FOS 4E	1492	1493	1
1494	4.8506270	10.6121398	Fixed point from 60M envelope of arcs generated from FOS 4E	1493	1494	1
1495	4.8669906	10.6085960	Fixed point from 60M envelope of arcs generated from FOS 4E	1494	1495	1
1496	4.8834123	10.6053216	Fixed point from 60M envelope of arcs generated from FOS 4E	1495	1496	1
1497	4.8998876	10.6023235	Fixed point from 60M envelope of arcs generated from FOS 4E	1496	1497	1
1498	4.9164099	10.5995971	Fixed point from 60M envelope of arcs generated from FOS 4E	1497	1498	1
1499	4.9329745	10.5971469	Fixed point from 60M envelope of arcs generated from FOS 4E	1498	1499	1
1500	4.9495793	10.5949730	Fixed point from 60M envelope of arcs generated from FOS 4E	1499	1500	1
1501	4.9662174	10.5930731	Fixed point from 60M envelope of arcs generated from FOS 4E	1500	1501	1
1502	4.9828844	10.5914494	Fixed point from 60M envelope of arcs generated from FOS 4E	1501	1502	1
1503	4.9995757	10.5901041	Fixed point from 60M envelope of arcs generated from FOS 4E	1502	1503	1
1504	5.0162891	10.5890374	Fixed point from 60M envelope of arcs generated from FOS 4E	1503	1504	1
1505	5.0330156	10.5882469	Fixed point from 60M envelope of arcs generated from FOS 4E	1504	1505	1
1506	6.0088893	10.4277134	Fixed point from 60M envelope of arcs generated from FOS 5E	1505	1506	59.05
1507	6.3285958	10.3279645	Fixed point from 60M envelope of arcs generated from FOS 6E	1506	1507	20
1508	6.3446052	10.3230552	Fixed point from 60M envelope of arcs generated from FOS 6E	1507	1508	1
1509	6.3606927	10.3184132	Fixed point from 60M envelope of arcs generated from FOS 6E	1508	1509	1
1510	6.3768583	10.3140384	Fixed point from 60M envelope of arcs generated from FOS 6E	1509	1510	1
1511	6.3930931	10.3099353	Fixed point from 60M envelope of arcs generated from FOS 6E	1510	1511	1
1512	6.4093924	10.3061018	Fixed point from 60M envelope of arcs generated from FOS 6E	1511	1512	1
1513	6.4257542	10.3025399	Fixed point from 60M envelope of arcs generated from FOS 6E	1512	1513	1
1514	6.4421738	10.2992499	Fixed point from 60M envelope of arcs generated from FOS 6E	1513	1514	1
1515	6.4586468	10.2962360	Fixed point from 60M envelope of arcs generated from FOS 6E	1514	1515	1
1516	6.4751665	10.2934939	Fixed point from 60M envelope of arcs generated from FOS 6E	1515	1516	1
1517	6.4917305	10.2910303	Fixed point from 60M envelope of arcs generated from FOS 6E	1516	1517	1
1518	6.5083321	10.2888406	Fixed point from 60M envelope of arcs generated from FOS 6E	1517	1518	1
1519	6.5249669	10.2869295	Fixed point from 60M envelope of arcs generated from FOS 6E	1518	1519	1
1520	6.5416326	10.2852945	Fixed point from 60M envelope of arcs generated from FOS 6E	1519	1520	1
1521	6.5583246	10.2839358	Fixed point from 60M envelope of arcs generated from FOS 6E	1520	1521	1
1522	6.5750341	10.2828579	Fixed point from 60M envelope of arcs generated from FOS 6E	1521	1522	1
1523	6.5917609	10.2820584	Fixed point from 60M envelope of arcs generated from FOS 6E	1522	1523	1
1524	6.6084984	10.2815351	Fixed point from 60M envelope of arcs generated from FOS 6E	1523	1524	1
1525	6.6252421	10.2812925	Fixed point from 60M envelope of arcs generated from FOS 6E	1524	1525	1
1526	6.6419874	10.2813307	Fixed point from 60M envelope of arcs generated from FOS 6E	1525	1526	1
1527	6.6587300	10.2816451	Fixed point from 60M envelope of arcs generated from FOS 6E	1526	1527	1
1528	6.6754652	10.2822403	Fixed point from 60M envelope of arcs generated from FOS 6E	1527	1528	1
1529	6.6921885	10.2831139	Fixed point from 60M envelope of arcs generated from FOS 6E	1528	1529	1

1530	6.7088956	10.2842660	Fixed point from 60M envelope of arcs generated from FOS 6E	1529	1530	1
1531	6.7255797	10.2856965	Fixed point from 60M envelope of arcs generated from FOS 6E	1530	1531	1
1532	6.7422363	10.2874033	Fixed point from 60M envelope of arcs generated from FOS 6E	1531	1532	1
1533	6.7588653	10.2893909	Fixed point from 60M envelope of arcs generated from FOS 6E	1532	1533	1
1534	6.7754578	10.2916524	Fixed point from 60M envelope of arcs generated from FOS 6E	1533	1534	1
1535	6.7920093	10.2941923	Fixed point from 60M envelope of arcs generated from FOS 6E	1534	1535	1
1536	6.8085154	10.2970086	Fixed point from 60M envelope of arcs generated from FOS 6E	1535	1536	1
1537	6.8249738	10.3000988	Fixed point from 60M envelope of arcs generated from FOS 6E	1536	1537	1
1538	6.8413777	10.3034630	Fixed point from 60M envelope of arcs generated from FOS 6E	1537	1538	1
1539	6.8577249	10.3071011	Fixed point from 60M envelope of arcs generated from FOS 6E	1538	1539	1
1540	6.8740087	10.3110111	Fixed point from 60M envelope of arcs generated from FOS 6E	1539	1540	1
1541	6.8902246	10.3151927	Fixed point from 60M envelope of arcs generated from FOS 6E	1540	1541	1
1542	6.9063682	10.3196439	Fixed point from 60M envelope of arcs generated from FOS 6E	1541	1542	1
1543	6.9224348	10.3243623	Fixed point from 60M envelope of arcs generated from FOS 6E	1542	1543	1
1544	6.9384202	10.3293502	Fixed point from 60M envelope of arcs generated from FOS 6E	1543	1544	1
1545	6.9543219	10.3346053	Fixed point from 60M envelope of arcs generated from FOS 6E	1544	1545	1
1546	6.9701334	10.3401232	Fixed point from 60M envelope of arcs generated from FOS 6E	1545	1546	1
1547	6.9858500	10.3459061	Fixed point from 60M envelope of arcs generated from FOS 6E	1546	1547	1
1548	7.0014697	10.3519495	Fixed point from 60M envelope of arcs generated from FOS 6E	1547	1548	1
1549	7.0169856	10.3582535	Fixed point from 60M envelope of arcs generated from FOS 6E	1548	1549	1
1550	7.0323933	10.3648156	Fixed point from 60M envelope of arcs generated from FOS 6E	1549	1550	1
1551	7.0476905	10.3716339	Fixed point from 60M envelope of arcs generated from FOS 6E	1550	1551	1
1552	7.0628728	10.3787081	Fixed point from 60M envelope of arcs generated from FOS 6E	1551	1552	1
1553	7.0779334	10.3860339	Fixed point from 60M envelope of arcs generated from FOS 6E	1552	1553	1
1554	7.0928702	10.3936111	Fixed point from 60M envelope of arcs generated from FOS 6E	1553	1554	1
1555	7.1076785	10.4014355	Fixed point from 60M envelope of arcs generated from FOS 6E	1554	1555	1
1556	7.1223563	10.4095091	Fixed point from 60M envelope of arcs generated from FOS 6E	1555	1556	1
1557	7.1368946	10.4178252	Fixed point from 60M envelope of arcs generated from FOS 6E	1556	1557	1
1558	7.1512955	10.4263817	Fixed point from 60M envelope of arcs generated from FOS 6E	1557	1558	1
1559	7.1655502	10.4351807	Fixed point from 60M envelope of arcs generated from FOS 6E	1558	1559	1
1560	7.1796564	10.4442155	Fixed point from 60M envelope of arcs generated from FOS 6E	1559	1560	1
1561	7.1936097	10.4534839	Fixed point from 60M envelope of arcs generated from FOS 6E	1560	1561	1
1562	7.2074055	10.4629858	Fixed point from 60M envelope of arcs generated from FOS 6E	1561	1562	1
1563	7.2210439	10.4727168	Fixed point from 60M envelope of arcs generated from FOS 6E	1562	1563	1
1564	7.2345159	10.4826746	Fixed point from 60M envelope of arcs generated from FOS 6E	1563	1564	1
1565	7.2478216	10.4928570	Fixed point from 60M envelope of arcs generated from FOS 6E	1564	1565	1
1566	8.1389623	10.9395690	Fixed Point on 200M limit	1565	1566	59.5

## **7. State bodies responsible for the preparation of the Submission**

This submission, together with all maps, figures, enclosures, appendices and digital databases was prepared jointly by the National Oceanography Centre, Southampton, UK and the United Kingdom Hydrographic Office.