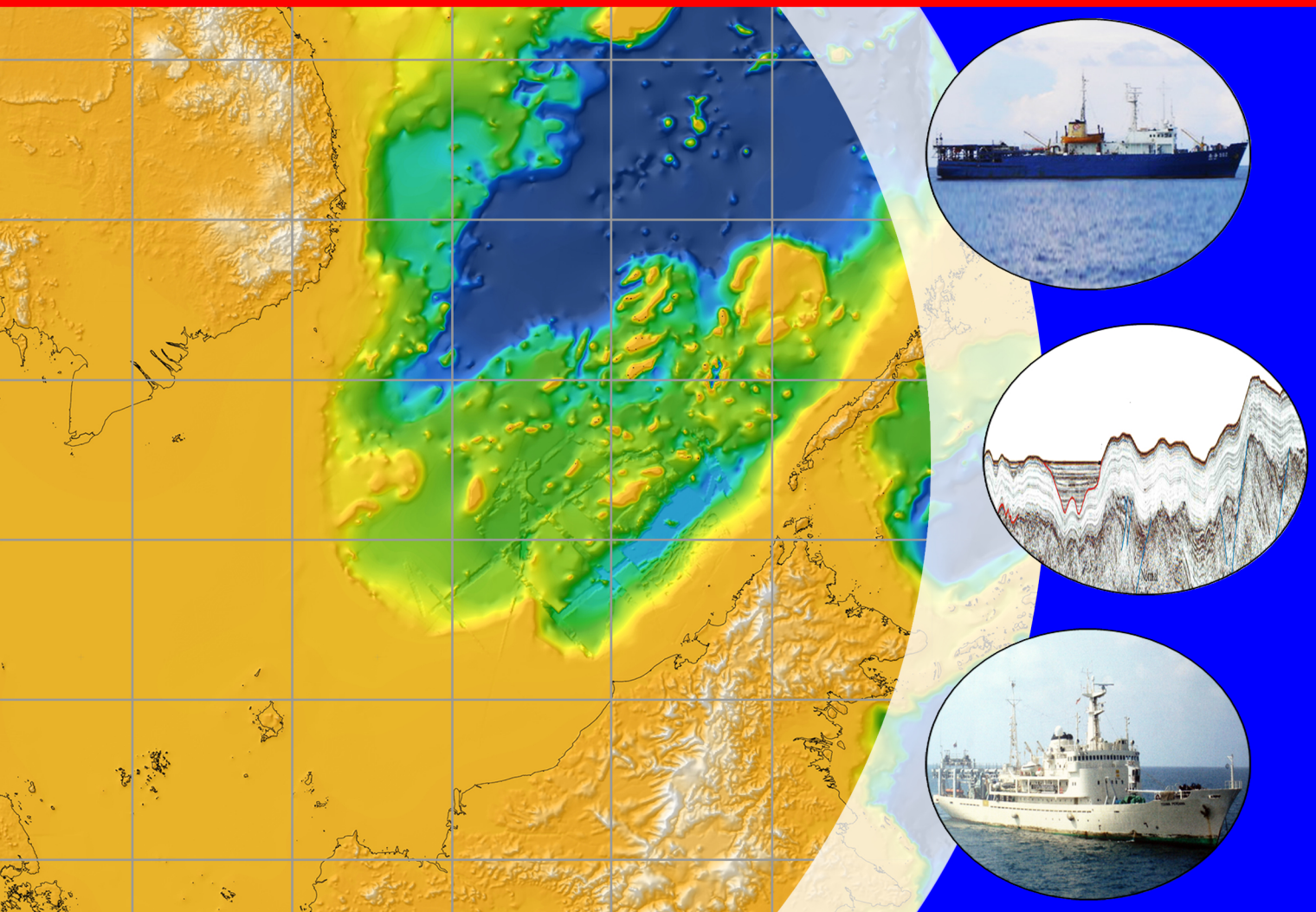


## **JOINT SUBMISSION**

**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 the southern part of the South China Sea**

### **Part I : EXECUTIVE SUMMARY**



**Malaysia**

**Socialist Republic of Vietnam**

**May 2009**

The following departments and agencies of the Governments of Malaysia and the Socialist Republic of Vietnam are responsible to this submission:

## Malaysia

National Security Council,  
Prime Minister's Department;  
Ministry of Foreign Affairs;  
The Attorney General's Chambers;  
Department of Survey and Mapping;  
Minerals and Geoscience Department;  
National Hydrographic Centre  
of the Royal Malaysian Navy; and  
Petroleum Nasional Berhad (PETRONAS).

## Socialist Republic of Vietnam

Ministry of Foreign Affairs;  
Ministry of Natural Resources and Environment;  
Ministry of Science and Technology;  
Institute of Marine Geology and Geophysics;  
Institute of Geography;  
Department of Survey and Mapping of Vietnam;  
Hydrographic Survey and Mapping Department,  
Vietnam Navy; and  
Vietnam Oil and Gas Group (PETROVIETNAM).

Bathymetry map of the southern part of the South China Sea



Vietnamese  
survey vessel

Part of seismic section

Malaysian  
survey vessel

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## Table of Contents

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		Page
1.	Introduction.....	1
2.	Provisions of Article 76 of UNCLOS 1982 Invoked.....	1
3.	Commision Members who Provided Advice during the Preparation of this Joint Submission.....	2
4.	Disputes.....	2
5.	Description of the Limits of the Continental Shelf in the Defined Area.....	3
6.	State Agencies Responsible for the Preparation of this Joint Submission.....	3
7.	Map and Coordinates.....	4

## List of Figures

---

		Page
Figure 1	Defined Area in the southern part of the South China Sea.....	5
Figure 2	The Outer Edge of the Continental Margin and the Defined Area in the southern part of the South China Sea.....	23

## List of Tables

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		Page
Table 1	List of Geographical Coordinates of the Limits of the Continental Shelf in the Defined Area and the Methods of Computation.....	6
Table 2	List of Geographical Coordinates of the Formula Fixed Points Used in the Establishment of the Outer Edge of the Continental Margin (OECM).....	24

## Part I

### EXECUTIVE SUMMARY

#### 1. INTRODUCTION

1.1 This Joint Submission to the Commission on the Limits of the Continental Shelf (the “Commission”) is prepared jointly and collectively by Malaysia and the Socialist Republic of Vietnam (collectively referred to as the “two coastal States”) pursuant to Article 76 of the United Nations Convention on the Law of the Sea 1982 (“UNCLOS 1982”), in accordance with Scientific and Technical Guidelines of the Commission on the Limits of the Continental Shelf (CLCS/11/Add.1) (“the Guidelines”) and the Rules of Procedure of the Commission (CLCS/40/Rev.1) (the “Commission’s Rules of Procedure”) for the delineation of the outer limits of their continental shelf.

1.2 Malaysia signed UNCLOS 1982 on 10 December 1982 and ratified the same on 14 October 1996. The Socialist Republic of Vietnam (Vietnam) signed UNCLOS 1982 on the 10<sup>th</sup> December 1982 and ratified the same on the 23<sup>rd</sup> June 1994.

1.3 In accordance with Paragraph 3 of Annex I to the Commission’s Rules of Procedure, this Joint Submission is a submission for only a portion of the two coastal States’ continental shelf. It relates to an area, as shown in **Figure 1** and as described in paragraph 5.1, which is entirely landward of the outer edge of the two coastal States’ continental margin ( “Defined Area” ). The two coastal States may make further submissions, either jointly or unilaterally, in respect of other areas.

#### 2. PROVISIONS OF ARTICLE 76 OF UNCLOS 1982 INVOKED

2.1 The limits of the continental shelf in the Defined Area of the two coastal States’ continental shelf are based on the provisions of Article 76 (4) and (5) of UNCLOS 1982.

### **3. COMMISSION MEMBERS WHO PROVIDED ADVICE DURING THE PREPARATION OF THIS JOINT SUBMISSION**

3.1 The two coastal States were assisted in the preparation of this Joint Submission by Mr. Abu Bakar Jaafar, member of the Commission on the Limits of the Continental Shelf (1997 - present). No advice was provided by any other member of the Commission.

### **4. DISPUTES**

4.1 The two coastal States wish to inform the Commission that there are unresolved disputes in the Defined Area of this Joint Submission. This Joint Submission has taken into consideration the provisions of Article 76 (10) of UNCLOS 1982, Article 9 of Annex II to UNCLOS 1982, Rule 46 to the Commission's Rules of Procedure, and Paragraphs 1, 2 and 5 of Annex I to the Commission's Rules of Procedure.

4.2 In accordance with the above provisions, the two coastal States wish to assure the Commission, to the extent possible, that this Joint Submission will not prejudice matters relating to the delimitation of boundaries between States with opposite or adjacent coasts.

4.3 The two coastal States have undertaken efforts to secure the non-objection of the other relevant coastal States. The two coastal States affirm that this Joint Submission is in consonance with Paragraph 5 (b) of Annex I to the Commission's Rules of Procedure.

## **5. DESCRIPTION OF THE LIMITS OF THE CONTINENTAL SHELF IN THE DEFINED AREA**

5.1 The limits are generated and bound by the intersection point of the envelope of arcs of 200 nautical miles (M) limits of Malaysia and the Philippines in the east (Point A), the intersection of two converging envelope of arcs of Malaysia's 200 M limits towards the south west from A (Points B and C), the intersection point of Malaysia's 200 M limit and the boundary line under the Agreement between the Government of Malaysia and the Government of the Republic of Indonesia relating to the delimitation of the Continental Shelves between the two countries 1969 towards the south west (Point D), Point 25 under the aforementioned Agreement towards the north west (Point E), Point 25 under the Agreement between the Government of the Socialist Republic of Vietnam and the Government of the Republic of Indonesia on the delimitation of the Continental Shelf Limit 2003 towards the north west (Point F), and the intersection point under the aforementioned Agreement towards the north west (Point G) and the envelope of arcs of Vietnam's 200 M limits towards the north east (Points H and I). The limits consist of 810 Fixed Points as listed in **Table 1**.

## **6. STATE AGENCIES RESPONSIBLE FOR THE PREPARATION OF THIS JOINT SUBMISSION**

6.1 This Joint Submission together with all maps, figures, enclosures, appendices and databases was prepared by the two coastal States' agencies as follows:

### **The Malaysian Government's Agencies**

- (a) National Security Council of the Prime Minister's Department;
- (b) Ministry of Foreign Affairs;
- (c) The Attorney General's Chambers;
- (d) Department of Survey and Mapping;
- (e) Minerals and Geoscience Department;
- (f) National Hydrographic Centre of the Royal Malaysian Navy; and
- (g) Petroliam Nasional Berhad (PETRONAS).

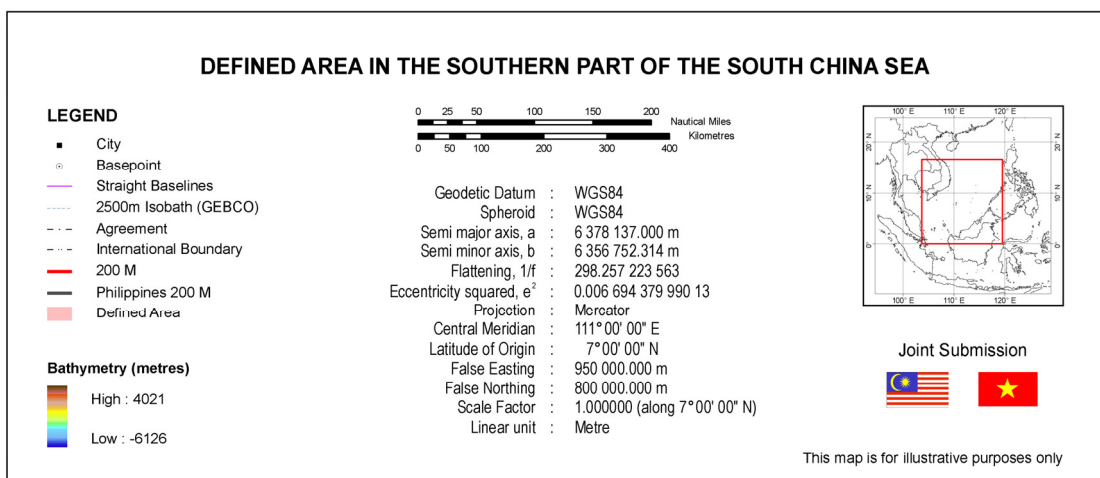
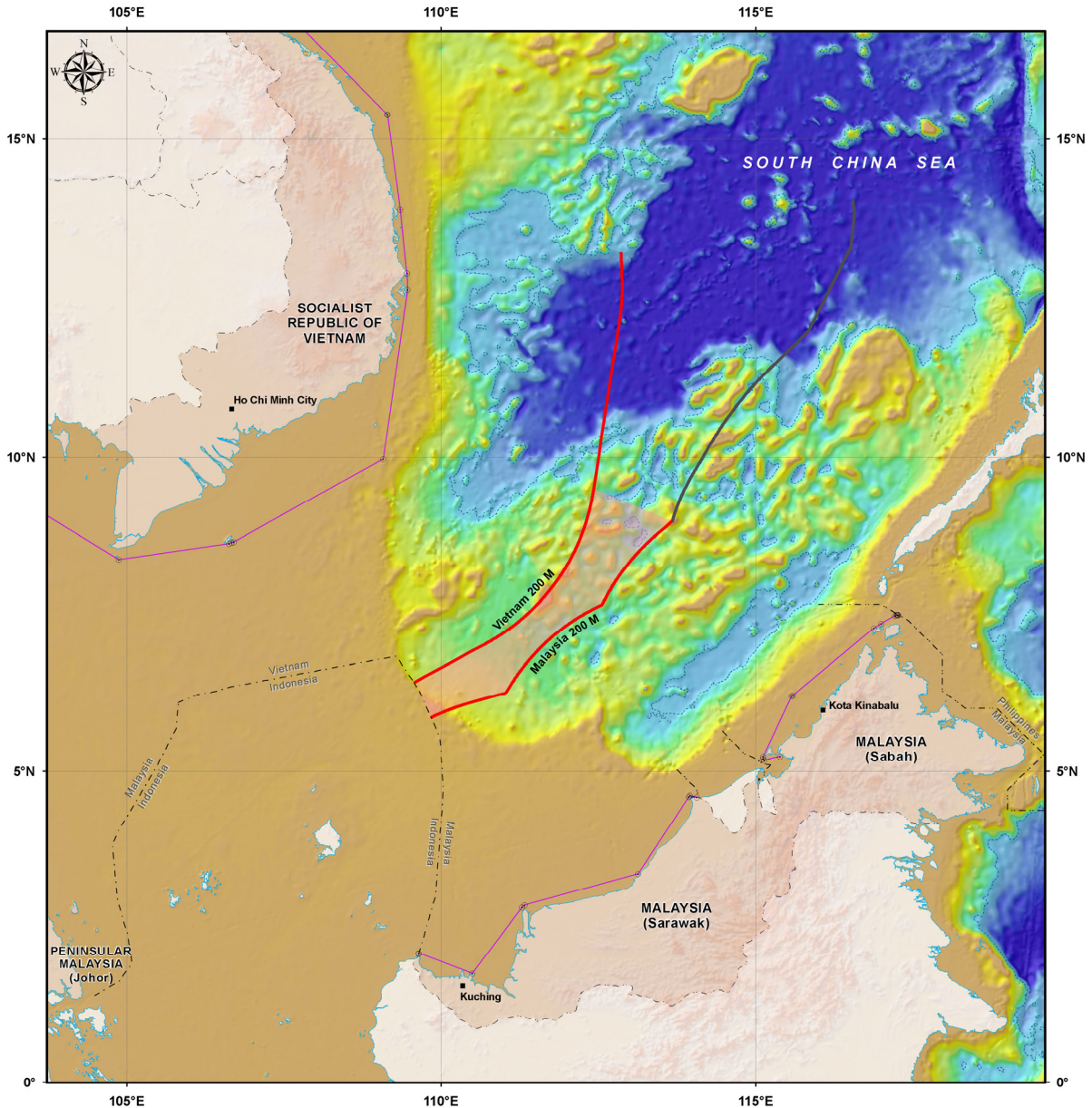
### **The Socialist Republic of Vietnam Government's Agencies**

- (a) Ministry of Foreign Affairs;
- (b) Ministry of Natural Resources and Environment;
- (c) Ministry of Science and Technology;
- (d) Institute of Marine Geology and Geophysics;
- (e) Institute of Geography;
- (f) Department of Survey and Mapping of Vietnam;
- (g) Hydrographic Survey and Mapping Department, Vietnam Navy; and
- (h) Vietnam Oil and Gas Group (PETROVIETNAM).

## **7. MAP AND COORDINATES**

7.1 **Figure 1** illustrates the limits of the continental shelf in the Defined Area that is the subject of this Joint Submission. The geographical coordinates in World Geodetic System 1984 (WGS84) of the limits of the continental shelf in the Defined Area and the methods of computation are listed in **Table 1**.

7.2 **Figure 2** illustrates the outer edge of the continental margin established for this Joint Submission. The geographical coordinates in WGS84 of the formula fixed points used in the establishment of the outer edge of the continental margin are listed in **Table 2**.



**Figure 1 Defined Area in the southern part of the South China Sea**



Table 1

**List of Geographical Coordinates of the Limits of the Continental Shelf  
in the Defined Area (All Coordinates are in WGS84)**

Defined Area Point ID	Latitude (N)			Longitude (E)			Description
	°	'	"	°	'	"	
1	8	59	4.1	113	40	37.6	Point A : Intersection of the envelope of arcs of 200 M limits of Malaysia and the Philippines
2	8	53	38.6	113	34	7.6	200 M Malaysia
3	8	47	10.6	113	26	23.1	200 M Malaysia
4	8	47	3.7	113	26	14.9	200 M Malaysia
5	8	46	42.7	113	25	49.9	200 M Malaysia
6	8	46	21.7	113	25	25.0	200 M Malaysia
7	8	46	0.6	113	25	0.1	200 M Malaysia
8	8	45	39.4	113	24	35.3	200 M Malaysia
9	8	45	18.1	113	24	10.5	200 M Malaysia
10	8	44	56.8	113	23	45.8	200 M Malaysia
11	8	44	35.4	113	23	21.2	200 M Malaysia
12	8	44	14.0	113	22	56.6	200 M Malaysia
13	8	43	52.5	113	22	32.0	200 M Malaysia
14	8	43	30.9	113	22	7.6	200 M Malaysia
15	8	43	9.3	113	21	43.2	200 M Malaysia
16	8	42	47.5	113	21	18.8	200 M Malaysia
17	8	42	25.8	113	20	54.5	200 M Malaysia
18	8	42	20.7	113	20	49.0	200 M Malaysia
19	8	42	3.9	113	20	30.3	200 M Malaysia
20	8	41	42.0	113	20	6.1	200 M Malaysia
21	8	41	20.0	113	19	42.0	200 M Malaysia
22	8	40	58.0	113	19	18.0	200 M Malaysia
23	8	40	35.9	113	18	54.0	200 M Malaysia
24	8	40	13.7	113	18	30.1	200 M Malaysia
25	8	39	51.5	113	18	6.2	200 M Malaysia
26	8	39	29.2	113	17	42.4	200 M Malaysia
27	8	39	6.8	113	17	18.6	200 M Malaysia
28	8	38	44.4	113	16	55.0	200 M Malaysia
29	8	38	21.9	113	16	31.3	200 M Malaysia
30	8	37	59.4	113	16	7.8	200 M Malaysia
31	8	37	36.7	113	15	44.3	200 M Malaysia
32	8	37	29.8	113	15	37.1	200 M Malaysia
33	8	37	7.1	113	15	13.6	200 M Malaysia
34	8	36	49.0	113	14	54.9	200 M Malaysia
35	8	36	33.5	113	14	38.9	200 M Malaysia
36	8	36	10.8	113	14	15.5	200 M Malaysia
37	8	35	48.0	113	13	52.2	200 M Malaysia
38	8	35	25.1	113	13	29.0	200 M Malaysia
39	8	35	2.2	113	13	5.8	200 M Malaysia
40	8	34	39.2	113	12	42.7	200 M Malaysia
41	8	34	16.1	113	12	19.6	200 M Malaysia
42	8	33	53.0	113	11	56.6	200 M Malaysia

43	8	33	29.8	113	11	33.7	200 M Malaysia
44	8	33	6.6	113	11	10.8	200 M Malaysia
45	8	32	43.3	113	10	48.0	200 M Malaysia
46	8	32	19.9	113	10	25.3	200 M Malaysia
47	8	31	56.5	113	10	2.6	200 M Malaysia
48	8	31	33.0	113	9	40.0	200 M Malaysia
49	8	31	9.4	113	9	17.4	200 M Malaysia
50	8	30	45.8	113	8	55.0	200 M Malaysia
51	8	30	22.2	113	8	32.5	200 M Malaysia
52	8	29	58.4	113	8	10.2	200 M Malaysia
53	8	29	34.6	113	7	47.9	200 M Malaysia
54	8	29	10.8	113	7	25.7	200 M Malaysia
55	8	28	46.9	113	7	3.5	200 M Malaysia
56	8	28	22.9	113	6	41.4	200 M Malaysia
57	8	27	58.9	113	6	19.4	200 M Malaysia
58	8	27	34.8	113	5	57.4	200 M Malaysia
59	8	27	10.6	113	5	35.6	200 M Malaysia
60	8	26	46.4	113	5	13.7	200 M Malaysia
61	8	26	22.2	113	4	52.0	200 M Malaysia
62	8	25	57.8	113	4	30.3	200 M Malaysia
63	8	25	33.4	113	4	8.6	200 M Malaysia
64	8	25	9.0	113	3	47.1	200 M Malaysia
65	8	24	44.5	113	3	25.6	200 M Malaysia
66	8	24	20.0	113	3	4.2	200 M Malaysia
67	8	23	55.3	113	2	42.8	200 M Malaysia
68	8	23	30.7	113	2	21.5	200 M Malaysia
69	8	23	5.9	113	2	0.3	200 M Malaysia
70	8	22	41.1	113	1	39.1	200 M Malaysia
71	8	22	16.3	113	1	18.0	200 M Malaysia
72	8	21	51.4	113	0	57.0	200 M Malaysia
73	8	21	26.4	113	0	36.1	200 M Malaysia
74	8	21	1.4	113	0	15.2	200 M Malaysia
75	8	20	36.4	112	59	54.4	200 M Malaysia
76	8	20	11.2	112	59	33.6	200 M Malaysia
77	8	19	46.0	112	59	12.9	200 M Malaysia
78	8	19	20.8	112	58	52.3	200 M Malaysia
79	8	18	55.5	112	58	31.8	200 M Malaysia
80	8	18	30.2	112	58	11.3	200 M Malaysia
81	8	18	4.8	112	57	50.9	200 M Malaysia
82	8	17	39.3	112	57	30.6	200 M Malaysia
83	8	17	13.8	112	57	10.3	200 M Malaysia
84	8	16	48.2	112	56	50.1	200 M Malaysia
85	8	16	22.6	112	56	30.0	200 M Malaysia
86	8	15	56.9	112	56	10.0	200 M Malaysia
87	8	15	31.2	112	55	50.0	200 M Malaysia
88	8	15	5.4	112	55	30.1	200 M Malaysia
89	8	14	39.6	112	55	10.2	200 M Malaysia
90	8	14	13.7	112	54	50.4	200 M Malaysia
91	8	13	47.7	112	54	30.8	200 M Malaysia
92	8	13	21.7	112	54	11.1	200 M Malaysia
93	8	12	55.7	112	53	51.6	200 M Malaysia
94	8	12	29.6	112	53	32.1	200 M Malaysia
95	8	12	3.4	112	53	12.7	200 M Malaysia

96	8	11	37.2	112	52	53.3	200 M Malaysia
97	8	11	10.9	112	52	34.0	200 M Malaysia
98	8	10	44.6	112	52	14.8	200 M Malaysia
99	8	10	18.3	112	51	55.7	200 M Malaysia
100	8	9	51.8	112	51	36.7	200 M Malaysia
101	8	9	25.4	112	51	17.7	200 M Malaysia
102	8	8	58.9	112	50	58.8	200 M Malaysia
103	8	8	32.3	112	50	39.9	200 M Malaysia
104	8	8	5.7	112	50	21.2	200 M Malaysia
105	8	7	39.0	112	50	2.5	200 M Malaysia
106	8	7	12.3	112	49	43.9	200 M Malaysia
107	8	6	45.5	112	49	25.3	200 M Malaysia
108	8	6	18.7	112	49	6.8	200 M Malaysia
109	8	5	51.8	112	48	48.4	200 M Malaysia
110	8	5	24.9	112	48	30.1	200 M Malaysia
111	8	4	57.9	112	48	11.9	200 M Malaysia
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114	8	3	36.7	112	47	17.5	200 M Malaysia
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116	8	2	42.3	112	46	41.7	200 M Malaysia
117	8	2	15.1	112	46	23.9	200 M Malaysia
118	8	1	47.7	112	46	6.1	200 M Malaysia
119	8	1	20.4	112	45	48.5	200 M Malaysia
120	8	0	53.0	112	45	30.9	200 M Malaysia
121	8	0	25.5	112	45	13.4	200 M Malaysia
122	7	59	58.0	112	44	55.9	200 M Malaysia
123	7	59	30.5	112	44	38.6	200 M Malaysia
124	7	59	2.9	112	44	21.3	200 M Malaysia
125	7	58	35.3	112	44	4.1	200 M Malaysia
126	7	58	7.6	112	43	47.0	200 M Malaysia
127	7	57	39.8	112	43	29.9	200 M Malaysia
128	7	57	12.1	112	43	12.9	200 M Malaysia
129	7	56	44.2	112	42	56.0	200 M Malaysia
130	7	56	16.4	112	42	39.2	200 M Malaysia
131	7	55	48.4	112	42	22.4	200 M Malaysia
132	7	55	20.5	112	42	5.7	200 M Malaysia
133	7	54	52.5	112	41	49.1	200 M Malaysia
134	7	54	24.4	112	41	32.6	200 M Malaysia
135	7	53	56.3	112	41	16.1	200 M Malaysia
136	7	53	28.2	112	40	59.8	200 M Malaysia
137	7	52	60.0	112	40	43.5	200 M Malaysia
138	7	52	31.8	112	40	27.3	200 M Malaysia
139	7	52	3.5	112	40	11.1	200 M Malaysia
140	7	51	35.2	112	39	55.0	200 M Malaysia
141	7	51	6.8	112	39	39.1	200 M Malaysia
142	7	50	38.4	112	39	23.1	200 M Malaysia
143	7	50	10.0	112	39	7.3	200 M Malaysia
144	7	49	41.5	112	38	51.5	200 M Malaysia
145	7	49	13.0	112	38	35.9	200 M Malaysia
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147	7	48	15.8	112	38	4.7	200 M Malaysia
148	7	47	47.1	112	37	49.3	200 M Malaysia

149	7	47	18.4	112	37	33.9	200 M Malaysia
150	7	46	49.7	112	37	18.6	200 M Malaysia
151	7	46	20.9	112	37	3.4	200 M Malaysia
152	7	45	52.1	112	36	48.3	200 M Malaysia
153	7	45	23.2	112	36	33.2	200 M Malaysia
154	7	44	54.3	112	36	18.3	200 M Malaysia
155	7	44	25.4	112	36	3.4	200 M Malaysia
156	7	43	56.4	112	35	48.5	200 M Malaysia
157	7	43	27.4	112	35	33.8	200 M Malaysia
158	7	42	58.3	112	35	19.1	200 M Malaysia
159	7	42	29.2	112	35	4.6	200 M Malaysia
160	7	42	0.1	112	34	50.1	200 M Malaysia
161	7	41	30.9	112	34	35.6	200 M Malaysia
162	7	41	1.7	112	34	21.3	200 M Malaysia
163	7	40	32.4	112	34	7.0	200 M Malaysia
164	7	40	3.1	112	33	52.8	200 M Malaysia
165	7	39	42.8	112	33	43.1	Point B : Intersection of two converging envelopes of arcs of Malaysia's 200 M limits
166	7	39	37.5	112	33	31.6	200 M Malaysia
167	7	39	23.9	112	33	2.0	200 M Malaysia
168	7	39	10.1	112	32	32.5	200 M Malaysia
169	7	38	56.3	112	32	3.0	200 M Malaysia
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189	7	34	2.8	112	22	21.0	200 M Malaysia
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203	7	30	18.9	112	15	43.6	200 M Malaysia
204	7	30	2.3	112	15	15.6	200 M Malaysia
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206	7	29	28.9	112	14	19.6	200 M Malaysia
207	7	29	12.1	112	13	51.7	200 M Malaysia
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221	7	25	9.1	112	7	25.8	200 M Malaysia
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245	7	17	39.0	111	56	46.8	200 M Malaysia
246	7	17	19.4	111	56	20.9	200 M Malaysia
247	7	16	59.7	111	55	55.0	200 M Malaysia
248	7	16	39.9	111	55	29.1	200 M Malaysia
249	7	16	20.0	111	55	3.3	200 M Malaysia
250	7	16	0.1	111	54	37.5	200 M Malaysia
251	7	15	40.1	111	54	11.8	200 M Malaysia
252	7	15	20.0	111	53	46.2	200 M Malaysia

253	7	14	59.9	111	53	20.6	200 M Malaysia
254	7	14	39.7	111	52	55.1	200 M Malaysia
255	7	14	19.4	111	52	29.6	200 M Malaysia
256	7	13	59.1	111	52	4.2	200 M Malaysia
257	7	13	38.7	111	51	38.8	200 M Malaysia
258	7	13	18.2	111	51	13.5	200 M Malaysia
259	7	12	57.6	111	50	48.2	200 M Malaysia
260	7	12	37.0	111	50	23.0	200 M Malaysia
261	7	12	16.3	111	49	57.9	200 M Malaysia
262	7	11	55.6	111	49	32.8	200 M Malaysia
263	7	11	34.8	111	49	7.7	200 M Malaysia
264	7	11	13.9	111	48	42.8	200 M Malaysia
265	7	10	52.9	111	48	17.8	200 M Malaysia
266	7	10	31.9	111	47	53.0	200 M Malaysia
267	7	10	10.8	111	47	28.2	200 M Malaysia
268	7	9	49.7	111	47	3.4	200 M Malaysia
269	7	9	28.4	111	46	38.7	200 M Malaysia
270	7	9	7.1	111	46	14.1	200 M Malaysia
271	7	8	45.8	111	45	49.5	200 M Malaysia
272	7	8	24.4	111	45	25.0	200 M Malaysia
273	7	8	2.9	111	45	0.6	200 M Malaysia
274	7	7	50.2	111	44	46.2	200 M Malaysia
275	7	7	41.3	111	44	36.2	200 M Malaysia
276	7	7	19.7	111	44	11.8	200 M Malaysia
277	7	6	58.0	111	43	47.6	200 M Malaysia
278	7	6	36.3	111	43	23.3	200 M Malaysia
279	7	6	14.4	111	42	59.2	200 M Malaysia
280	7	5	52.6	111	42	35.1	200 M Malaysia
281	7	5	30.6	111	42	11.0	200 M Malaysia
282	7	5	8.6	111	41	47.1	200 M Malaysia
283	7	4	46.5	111	41	23.1	200 M Malaysia
284	7	4	24.4	111	40	59.3	200 M Malaysia
285	7	4	2.2	111	40	35.5	200 M Malaysia
286	7	3	39.9	111	40	11.7	200 M Malaysia
287	7	3	17.5	111	39	48.1	200 M Malaysia
288	7	2	55.2	111	39	24.5	200 M Malaysia
289	7	2	32.7	111	39	0.9	200 M Malaysia
290	7	2	10.2	111	38	37.4	200 M Malaysia
291	7	1	47.6	111	38	14.0	200 M Malaysia
292	7	1	24.9	111	37	50.6	200 M Malaysia
293	7	1	2.2	111	37	27.3	200 M Malaysia
294	7	0	39.4	111	37	4.0	200 M Malaysia
295	7	0	16.6	111	36	40.9	200 M Malaysia
296	6	59	53.7	111	36	17.7	200 M Malaysia
297	6	59	30.7	111	35	54.7	200 M Malaysia
298	6	59	7.7	111	35	31.7	200 M Malaysia
299	6	58	44.6	111	35	8.7	200 M Malaysia
300	6	58	21.4	111	34	45.9	200 M Malaysia
301	6	57	58.2	111	34	23.1	200 M Malaysia
302	6	57	34.9	111	34	0.3	200 M Malaysia
303	6	57	11.6	111	33	37.6	200 M Malaysia
304	6	56	48.2	111	33	15.0	200 M Malaysia
305	6	56	24.7	111	32	52.5	200 M Malaysia

306	6	56	1.2	111	32	30.0	200 M Malaysia
307	6	55	37.6	111	32	7.5	200 M Malaysia
308	6	55	14.0	111	31	45.2	200 M Malaysia
309	6	54	50.2	111	31	22.9	200 M Malaysia
310	6	54	26.5	111	31	0.6	200 M Malaysia
311	6	54	2.7	111	30	38.5	200 M Malaysia
312	6	53	41.8	111	30	19.2	200 M Malaysia
313	6	53	17.9	111	29	57.1	200 M Malaysia
314	6	52	54.1	111	29	35.1	200 M Malaysia
315	6	52	40.8	111	29	22.8	200 M Malaysia
316	6	52	37.9	111	29	20.2	200 M Malaysia
317	6	52	14.0	111	28	58.2	200 M Malaysia
318	6	51	50.0	111	28	36.2	200 M Malaysia
319	6	51	25.9	111	28	14.3	200 M Malaysia
320	6	51	1.8	111	27	52.4	200 M Malaysia
321	6	50	37.6	111	27	30.7	200 M Malaysia
322	6	50	13.4	111	27	8.9	200 M Malaysia
323	6	49	49.1	111	26	47.3	200 M Malaysia
324	6	49	24.7	111	26	25.7	200 M Malaysia
325	6	49	0.3	111	26	4.2	200 M Malaysia
326	6	48	35.8	111	25	42.8	200 M Malaysia
327	6	48	11.3	111	25	21.4	200 M Malaysia
328	6	47	46.7	111	25	0.1	200 M Malaysia
329	6	47	22.0	111	24	38.8	200 M Malaysia
330	6	46	57.3	111	24	17.7	200 M Malaysia
331	6	46	32.6	111	23	56.5	200 M Malaysia
332	6	46	7.8	111	23	35.5	200 M Malaysia
333	6	45	42.9	111	23	14.5	200 M Malaysia
334	6	45	17.9	111	22	53.6	200 M Malaysia
335	6	44	53.0	111	22	32.8	200 M Malaysia
336	6	44	27.9	111	22	12.0	200 M Malaysia
337	6	44	2.8	111	21	51.3	200 M Malaysia
338	6	43	37.6	111	21	30.7	200 M Malaysia
339	6	43	12.4	111	21	10.1	200 M Malaysia
340	6	42	47.2	111	20	49.6	200 M Malaysia
341	6	42	21.8	111	20	29.2	200 M Malaysia
342	6	41	56.5	111	20	8.8	200 M Malaysia
343	6	41	31.0	111	19	48.5	200 M Malaysia
344	6	41	5.5	111	19	28.3	200 M Malaysia
345	6	40	40.0	111	19	8.2	200 M Malaysia
346	6	40	14.4	111	18	48.1	200 M Malaysia
347	6	39	48.7	111	18	28.1	200 M Malaysia
348	6	39	23.0	111	18	8.1	200 M Malaysia
349	6	38	57.3	111	17	48.3	200 M Malaysia
350	6	38	31.4	111	17	28.5	200 M Malaysia
351	6	38	5.6	111	17	8.7	200 M Malaysia
352	6	37	39.7	111	16	49.1	200 M Malaysia
353	6	37	13.7	111	16	29.5	200 M Malaysia
354	6	36	47.7	111	16	9.9	200 M Malaysia
355	6	36	21.6	111	15	50.5	200 M Malaysia
356	6	35	55.4	111	15	31.1	200 M Malaysia
357	6	35	29.3	111	15	11.8	200 M Malaysia
358	6	35	3.0	111	14	52.6	200 M Malaysia

359	6	34	36.7	111	14	33.4	200 M Malaysia
360	6	34	10.4	111	14	14.3	200 M Malaysia
361	6	33	44.0	111	13	55.3	200 M Malaysia
362	6	33	17.5	111	13	36.3	200 M Malaysia
363	6	32	51.1	111	13	17.5	200 M Malaysia
364	6	32	24.5	111	12	58.6	200 M Malaysia
365	6	31	57.9	111	12	39.9	200 M Malaysia
366	6	31	31.3	111	12	21.3	200 M Malaysia
367	6	31	4.6	111	12	2.7	200 M Malaysia
368	6	30	37.8	111	11	44.1	200 M Malaysia
369	6	30	11.0	111	11	25.7	200 M Malaysia
370	6	29	44.2	111	11	7.3	200 M Malaysia
371	6	29	17.3	111	10	49.0	200 M Malaysia
372	6	28	50.3	111	10	30.8	200 M Malaysia
373	6	28	23.3	111	10	12.6	200 M Malaysia
374	6	27	56.3	111	9	54.6	200 M Malaysia
375	6	27	29.2	111	9	36.6	200 M Malaysia
376	6	27	2.0	111	9	18.6	200 M Malaysia
377	6	26	34.8	111	9	0.8	200 M Malaysia
378	6	26	18.9	111	8	50.3	200 M Malaysia
379	6	18	55.1	111	4	0.8	200 M Malaysia
380	6	14	59.8	111	1	27.3	Point C : Intersection of two converging envelopes of arcs of Malaysia's 200 M limits
381	6	13	48.5	110	57	17.9	200 M Malaysia
382	6	10	42.2	110	46	26.2	200 M Malaysia
383	6	7	35.7	110	35	34.6	200 M Malaysia
384	6	4	29.2	110	24	43.1	200 M Malaysia
385	6	4	24.5	110	24	26.9	200 M Malaysia
386	6	4	15.5	110	23	55.7	200 M Malaysia
387	6	4	6.3	110	23	24.5	200 M Malaysia
388	6	3	57.1	110	22	53.3	200 M Malaysia
389	6	3	47.8	110	22	22.1	200 M Malaysia
390	6	3	38.5	110	21	51.0	200 M Malaysia
391	6	3	29.0	110	21	19.9	200 M Malaysia
392	6	3	19.5	110	20	48.8	200 M Malaysia
393	6	3	9.8	110	20	17.8	200 M Malaysia
394	6	3	0.1	110	19	46.8	200 M Malaysia
395	6	2	50.3	110	19	15.8	200 M Malaysia
396	6	2	40.4	110	18	44.8	200 M Malaysia
397	6	2	30.5	110	18	13.9	200 M Malaysia
398	6	2	20.4	110	17	43.0	200 M Malaysia
399	6	2	10.3	110	17	12.1	200 M Malaysia
400	6	2	0.1	110	16	41.2	200 M Malaysia
401	6	1	49.8	110	16	10.4	200 M Malaysia
402	6	1	39.4	110	15	39.6	200 M Malaysia
403	6	1	28.9	110	15	8.8	200 M Malaysia
404	6	1	18.4	110	14	38.1	200 M Malaysia
405	6	1	7.7	110	14	7.4	200 M Malaysia
406	6	0	57.0	110	13	36.7	200 M Malaysia
407	6	0	46.2	110	13	6.0	200 M Malaysia
408	6	0	35.3	110	12	35.4	200 M Malaysia
409	6	0	24.4	110	12	4.8	200 M Malaysia



410	6	0	13.3	110	11	34.3	200 M Malaysia
411	6	0	2.2	110	11	3.7	200 M Malaysia
412	5	59	51.0	110	10	33.2	200 M Malaysia
413	5	59	39.7	110	10	2.7	200 M Malaysia
414	5	59	28.3	110	9	32.3	200 M Malaysia
415	5	59	16.8	110	9	1.9	200 M Malaysia
416	5	59	5.3	110	8	31.5	200 M Malaysia
417	5	58	53.6	110	8	1.1	200 M Malaysia
418	5	58	41.9	110	7	30.8	200 M Malaysia
419	5	58	30.1	110	7	0.5	200 M Malaysia
420	5	58	18.3	110	6	30.3	200 M Malaysia
421	5	58	6.3	110	6	0.1	200 M Malaysia
422	5	57	54.3	110	5	29.9	200 M Malaysia
423	5	57	42.1	110	4	59.7	200 M Malaysia
424	5	57	29.9	110	4	29.6	200 M Malaysia
425	5	57	17.7	110	3	59.5	200 M Malaysia
426	5	57	5.3	110	3	29.5	200 M Malaysia
427	5	56	52.8	110	2	59.4	200 M Malaysia
428	5	56	40.3	110	2	29.4	200 M Malaysia
429	5	56	29.7	110	2	4.2	200 M Malaysia
430	5	56	27.7	110	1	59.5	200 M Malaysia
431	5	56	15.0	110	1	29.6	200 M Malaysia
432	5	56	2.2	110	0	59.7	200 M Malaysia
433	5	55	49.4	110	0	29.8	200 M Malaysia
434	5	55	36.4	110	0	0.0	200 M Malaysia
435	5	55	23.4	109	59	30.2	200 M Malaysia
436	5	55	10.3	109	59	0.5	200 M Malaysia
437	5	54	57.2	109	58	30.8	200 M Malaysia
438	5	54	43.9	109	58	1.1	200 M Malaysia
439	5	54	30.6	109	57	31.5	200 M Malaysia
440	5	54	17.1	109	57	1.9	200 M Malaysia
441	5	54	3.6	109	56	32.3	200 M Malaysia
442	5	53	50.1	109	56	2.8	200 M Malaysia
443	5	53	36.4	109	55	33.3	200 M Malaysia
444	5	53	22.7	109	55	3.8	200 M Malaysia
445	5	53	8.8	109	54	34.4	200 M Malaysia
446	5	52	54.9	109	54	5.1	200 M Malaysia
447	5	52	41.0	109	53	35.7	200 M Malaysia
448	5	52	26.9	109	53	6.4	200 M Malaysia
449	5	52	12.8	109	52	37.1	200 M Malaysia
450	5	51	58.5	109	52	7.9	200 M Malaysia
451	5	51	44.2	109	51	38.7	200 M Malaysia
452	5	51	29.9	109	51	9.6	200 M Malaysia
453	5	51	15.4	109	50	40.5	200 M Malaysia
454	5	51	10.9	109	50	31.5	200 M Malaysia
455	5	51	9.7	109	50	29.2	Point D : Intersection of Malaysia's 200 M limit and the boundary line under the Agreement between the Government of Malaysia and the Government of the Republic of Indonesia relating to the delimitation of the Continental Shelves between the two countries, 27 <sup>th</sup> October 1969

456	6	18	11.0	109	38	45.0	Point E : Point 25 of the Agreement between the Government of Malaysia and the Government of the Republic of Indonesia relating to the delimitation of the Continental Shelves between the two countries, 27 <sup>th</sup> October 1969
457	6	18	12.0	109	38	36.0	Point F : Point 25 of the Agreement between the Government of the Socialist Republic of Vietnam and the Government of the Republic of Indonesia concerning the delimitation of the Continental Shelf Boundary, 26 <sup>th</sup> June 2003
458	6	24	55.7	109	34	6.7	Point G : Intersection of Vietnam's 200 M limit and the boundary line under the Agreement between the Government of Socialist Republic of Vietnam and the Government of the Republic of Indonesia concerning the delimitation of the Continental Shelf Boundary, 26 <sup>th</sup> June 2003
459	6	30	50.7	109	44	55.2	200 M of Vietnam
460	6	38	36.2	109	59	7.1	200 M of Vietnam
461	6	46	21.0	110	13	19.6	200 M of Vietnam
462	6	54	5.2	110	27	32.6	200 M of Vietnam
463	7	1	48.8	110	41	46.2	200 M of Vietnam
464	7	2	2.2	110	42	10.9	200 M of Vietnam
465	7	2	17.8	110	42	39.4	200 M of Vietnam
466	7	2	33.5	110	43	7.9	200 M of Vietnam
467	7	2	49.3	110	43	36.4	200 M of Vietnam
468	7	3	5.1	110	44	4.9	200 M of Vietnam
469	7	3	21.1	110	44	33.2	200 M of Vietnam
470	7	3	37.1	110	45	1.6	200 M of Vietnam
471	7	3	53.2	110	45	29.9	200 M of Vietnam
472	7	4	9.3	110	45	58.2	200 M of Vietnam
473	7	4	25.6	110	46	26.4	200 M of Vietnam
474	7	4	41.9	110	46	54.6	200 M of Vietnam
475	7	4	58.3	110	47	22.7	200 M of Vietnam
476	7	5	14.7	110	47	50.8	200 M of Vietnam
477	7	5	31.3	110	48	18.8	200 M of Vietnam
478	7	5	47.9	110	48	46.8	200 M of Vietnam
479	7	6	4.6	110	49	14.8	200 M of Vietnam
480	7	6	21.3	110	49	42.7	200 M of Vietnam
481	7	6	38.2	110	50	10.6	200 M of Vietnam
482	7	6	55.1	110	50	38.4	200 M of Vietnam
483	7	7	12.1	110	51	6.2	200 M of Vietnam
484	7	7	29.1	110	51	33.9	200 M of Vietnam
485	7	7	46.3	110	52	1.6	200 M of Vietnam
486	7	8	3.5	110	52	29.3	200 M of Vietnam
487	7	8	20.7	110	52	56.9	200 M of Vietnam
488	7	8	38.1	110	53	24.4	200 M of Vietnam
489	7	8	55.5	110	53	51.9	200 M of Vietnam

490	7	9	13.0	110	54	19.4	200 M of Vietnam
491	7	9	30.6	110	54	46.8	200 M of Vietnam
492	7	9	48.3	110	55	14.1	200 M of Vietnam
493	7	10	6.0	110	55	41.5	200 M of Vietnam
494	7	10	23.8	110	56	8.7	200 M of Vietnam
495	7	10	41.6	110	56	36.0	200 M of Vietnam
496	7	10	59.6	110	57	3.1	200 M of Vietnam
497	7	11	17.6	110	57	30.3	200 M of Vietnam
498	7	11	35.7	110	57	57.3	200 M of Vietnam
499	7	11	53.8	110	58	24.4	200 M of Vietnam
500	7	12	12.1	110	58	51.3	200 M of Vietnam
501	7	12	30.4	110	59	18.3	200 M of Vietnam
502	7	12	48.7	110	59	45.2	200 M of Vietnam
503	7	13	7.2	111	0	12.0	200 M of Vietnam
504	7	13	25.7	111	0	38.8	200 M of Vietnam
505	7	13	44.3	111	1	5.5	200 M of Vietnam
506	7	14	3.0	111	1	32.2	200 M of Vietnam
507	7	14	21.7	111	1	58.8	200 M of Vietnam
508	7	14	40.5	111	2	25.4	200 M of Vietnam
509	7	14	59.4	111	2	52.0	200 M of Vietnam
510	7	15	18.3	111	3	18.4	200 M of Vietnam
511	7	15	37.3	111	3	44.9	200 M of Vietnam
512	7	15	56.4	111	4	11.3	200 M of Vietnam
513	7	16	15.6	111	4	37.6	200 M of Vietnam
514	7	16	34.8	111	5	3.9	200 M of Vietnam
515	7	16	54.1	111	5	30.1	200 M of Vietnam
516	7	17	13.5	111	5	56.3	200 M of Vietnam
517	7	17	32.9	111	6	22.4	200 M of Vietnam
518	7	17	52.4	111	6	48.5	200 M of Vietnam
519	7	18	12.0	111	7	14.5	200 M of Vietnam
520	7	18	31.6	111	7	40.5	200 M of Vietnam
521	7	18	51.4	111	8	6.4	200 M of Vietnam
522	7	19	11.1	111	8	32.3	200 M of Vietnam
523	7	19	31.0	111	8	58.1	200 M of Vietnam
524	7	19	50.9	111	9	23.8	200 M of Vietnam
525	7	20	10.9	111	9	49.6	200 M of Vietnam
526	7	20	31.0	111	10	15.2	200 M of Vietnam
527	7	20	51.1	111	10	40.8	200 M of Vietnam
528	7	21	11.3	111	11	6.4	200 M of Vietnam
529	7	21	31.6	111	11	31.8	200 M of Vietnam
530	7	21	51.9	111	11	57.3	200 M of Vietnam
531	7	22	12.3	111	12	22.7	200 M of Vietnam
532	7	22	32.8	111	12	48.0	200 M of Vietnam
533	7	22	53.3	111	13	13.3	200 M of Vietnam
534	7	23	13.9	111	13	38.5	200 M of Vietnam
535	7	23	34.6	111	14	3.7	200 M of Vietnam
536	7	23	55.3	111	14	28.8	200 M of Vietnam
537	7	24	16.1	111	14	53.8	200 M of Vietnam
538	7	24	37.0	111	15	18.8	200 M of Vietnam
539	7	24	58.0	111	15	43.8	200 M of Vietnam
540	7	25	19.0	111	16	8.6	200 M of Vietnam
541	7	25	40.0	111	16	33.5	200 M of Vietnam
542	7	26	1.2	111	16	58.2	200 M of Vietnam

543	7	26	22.4	111	17	23.0	200 M of Vietnam
544	7	26	43.7	111	17	47.6	200 M of Vietnam
545	7	27	5.0	111	18	12.2	200 M of Vietnam
546	7	27	26.4	111	18	36.8	200 M of Vietnam
547	7	27	47.9	111	19	1.3	200 M of Vietnam
548	7	28	9.4	111	19	25.7	200 M of Vietnam
549	7	28	31.0	111	19	50.1	200 M of Vietnam
550	7	28	52.7	111	20	14.4	200 M of Vietnam
551	7	29	14.4	111	20	38.6	200 M of Vietnam
552	7	29	36.2	111	21	2.8	200 M of Vietnam
553	7	29	58.1	111	21	27.0	200 M of Vietnam
554	7	30	20.0	111	21	51.1	200 M of Vietnam
555	7	30	42.0	111	22	15.1	200 M of Vietnam
556	7	31	4.0	111	22	39.1	200 M of Vietnam
557	7	31	26.2	111	23	3.0	200 M of Vietnam
558	7	31	48.3	111	23	26.8	200 M of Vietnam
559	7	32	10.6	111	23	50.6	200 M of Vietnam
560	7	32	32.9	111	24	14.3	200 M of Vietnam
561	7	32	55.3	111	24	38.0	200 M of Vietnam
562	7	33	17.7	111	25	1.6	200 M of Vietnam
563	7	33	40.2	111	25	25.2	200 M of Vietnam
564	7	34	2.8	111	25	48.7	200 M of Vietnam
565	7	34	25.4	111	26	12.1	200 M of Vietnam
566	7	34	48.1	111	26	35.5	200 M of Vietnam
567	7	35	10.8	111	26	58.8	200 M of Vietnam
568	7	35	33.6	111	27	22.0	200 M of Vietnam
569	7	35	56.5	111	27	45.2	200 M of Vietnam
570	7	36	19.4	111	28	8.3	200 M of Vietnam
571	7	36	42.4	111	28	31.4	200 M of Vietnam
572	7	37	5.5	111	28	54.4	200 M of Vietnam
573	7	37	28.6	111	29	17.3	200 M of Vietnam
574	7	37	51.8	111	29	40.2	200 M of Vietnam
575	7	38	15.0	111	30	3.0	200 M of Vietnam
576	7	38	38.3	111	30	25.8	200 M of Vietnam
577	7	39	1.7	111	30	48.5	200 M of Vietnam
578	7	39	25.1	111	31	11.1	200 M of Vietnam
579	7	39	48.6	111	31	33.7	200 M of Vietnam
580	7	40	12.1	111	31	56.2	200 M of Vietnam
581	7	40	35.7	111	32	18.6	200 M of Vietnam
582	7	40	59.4	111	32	41.0	200 M of Vietnam
583	7	41	23.1	111	33	3.3	200 M of Vietnam
584	7	41	46.9	111	33	25.6	200 M of Vietnam
585	7	41	59.6	111	33	37.3	Point H : The point of the envelope of arcs of Vietnam's 200 M limits
586	7	42	10.8	111	33	47.7	200 M of Vietnam
587	7	42	34.7	111	34	9.9	200 M of Vietnam
588	7	42	58.6	111	34	31.9	200 M of Vietnam
589	7	43	22.7	111	34	53.9	200 M of Vietnam
590	7	43	46.7	111	35	15.9	200 M of Vietnam
591	7	44	10.9	111	35	37.7	200 M of Vietnam
592	7	44	35.1	111	35	59.5	200 M of Vietnam
593	7	44	59.3	111	36	21.3	200 M of Vietnam
594	7	45	23.6	111	36	42.9	200 M of Vietnam

595	7	45	48.0	111	37	4.5	200 M of Vietnam
596	7	46	12.4	111	37	26.1	200 M of Vietnam
597	7	46	36.9	111	37	47.6	200 M of Vietnam
598	7	47	1.5	111	38	9.0	200 M of Vietnam
599	7	47	26.1	111	38	30.3	200 M of Vietnam
600	7	47	50.7	111	38	51.6	200 M of Vietnam
601	7	48	15.4	111	39	12.8	200 M of Vietnam
602	7	48	40.2	111	39	34.0	200 M of Vietnam
603	7	49	5.0	111	39	55.0	200 M of Vietnam
604	7	49	29.9	111	40	16.0	200 M of Vietnam
605	7	49	54.9	111	40	37.0	200 M of Vietnam
606	7	50	19.9	111	40	57.9	200 M of Vietnam
607	7	50	44.9	111	41	18.7	200 M of Vietnam
608	7	51	10.0	111	41	39.4	200 M of Vietnam
609	7	51	35.2	111	42	0.1	200 M of Vietnam
610	7	52	0.4	111	42	20.7	200 M of Vietnam
611	7	52	25.7	111	42	41.3	200 M of Vietnam
612	7	52	51.0	111	43	1.8	200 M of Vietnam
613	7	53	16.4	111	43	22.2	200 M of Vietnam
614	7	53	41.8	111	43	42.5	200 M of Vietnam
615	7	54	7.3	111	44	2.8	200 M of Vietnam
616	7	54	32.8	111	44	23.0	200 M of Vietnam
617	7	54	58.4	111	44	43.1	200 M of Vietnam
618	7	55	24.1	111	45	3.2	200 M of Vietnam
619	7	55	49.8	111	45	23.2	200 M of Vietnam
620	7	56	15.6	111	45	43.1	200 M of Vietnam
621	7	56	41.4	111	46	3.0	200 M of Vietnam
622	7	57	7.2	111	46	22.8	200 M of Vietnam
623	7	57	33.2	111	46	42.5	200 M of Vietnam
624	7	57	59.1	111	47	2.2	200 M of Vietnam
625	7	58	25.2	111	47	21.7	200 M of Vietnam
626	7	58	51.2	111	47	41.2	200 M of Vietnam
627	7	59	17.4	111	48	0.7	200 M of Vietnam
628	7	59	43.5	111	48	20.1	200 M of Vietnam
629	8	0	9.8	111	48	39.4	200 M of Vietnam
630	8	0	36.1	111	48	58.6	200 M of Vietnam
631	8	1	2.4	111	49	17.8	200 M of Vietnam
632	8	1	28.8	111	49	36.9	200 M of Vietnam
633	8	1	55.2	111	49	55.9	200 M of Vietnam
634	8	2	21.7	111	50	14.8	200 M of Vietnam
635	8	2	48.2	111	50	33.7	200 M of Vietnam
636	8	3	14.8	111	50	52.5	200 M of Vietnam
637	8	3	41.5	111	51	11.3	200 M of Vietnam
638	8	4	8.1	111	51	29.9	200 M of Vietnam
639	8	4	34.9	111	51	48.5	200 M of Vietnam
640	8	5	1.7	111	52	7.0	200 M of Vietnam
641	8	5	28.5	111	52	25.5	200 M of Vietnam
642	8	5	55.4	111	52	43.9	200 M of Vietnam
643	8	6	22.3	111	53	2.2	200 M of Vietnam
644	8	6	49.3	111	53	20.4	200 M of Vietnam
645	8	7	16.4	111	53	38.6	200 M of Vietnam
646	8	7	43.4	111	53	56.7	200 M of Vietnam
647	8	8	10.6	111	54	14.7	200 M of Vietnam

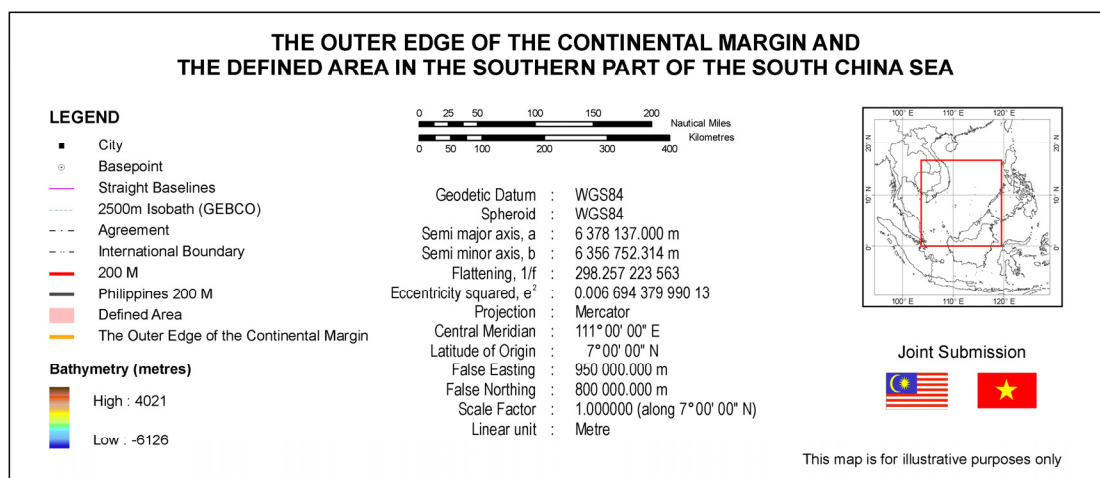
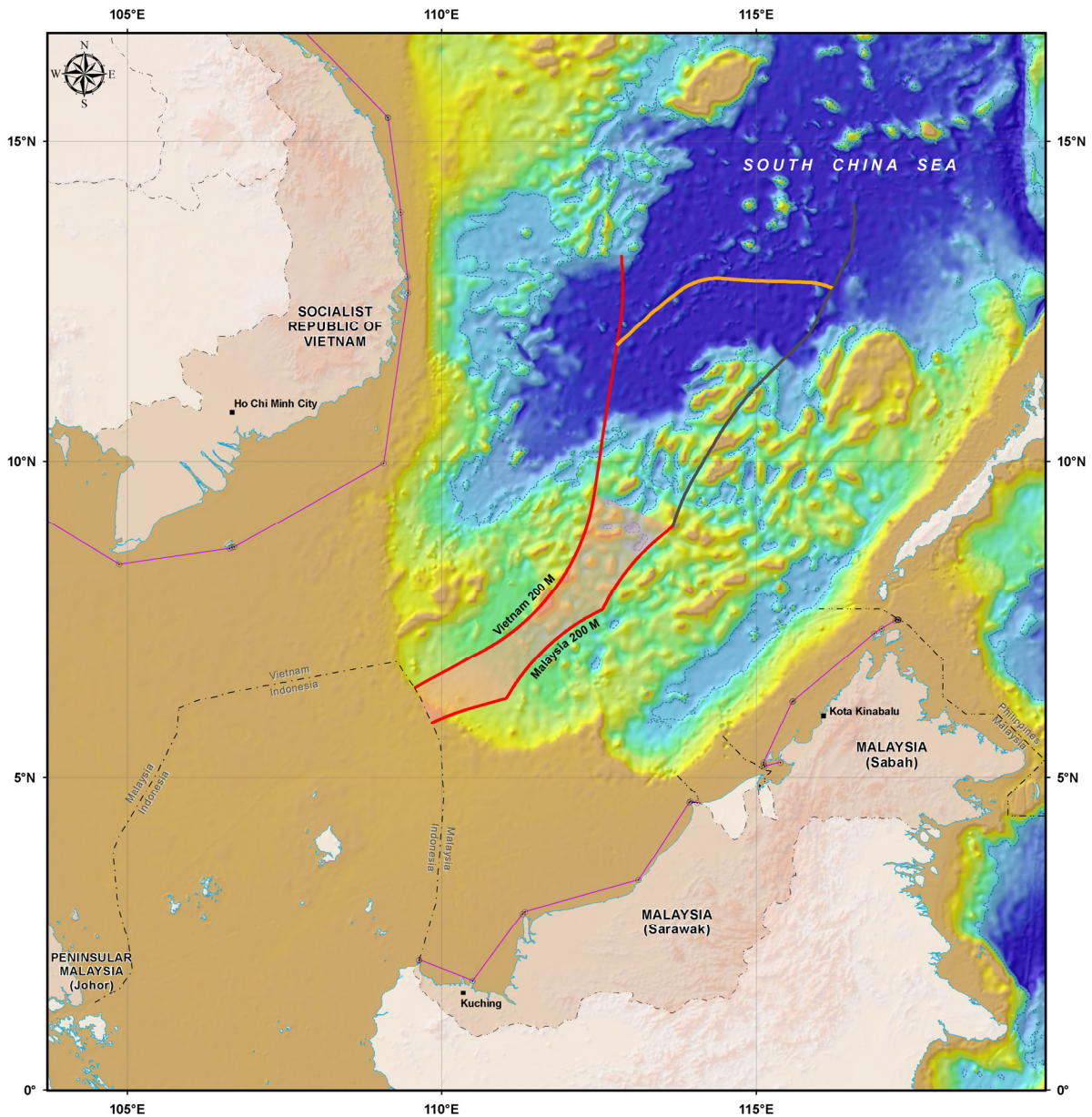
648	8	8	37.7	111	54	32.6	200 M of Vietnam
649	8	9	5.0	111	54	50.5	200 M of Vietnam
650	8	9	32.2	111	55	8.3	200 M of Vietnam
651	8	9	59.6	111	55	26.0	200 M of Vietnam
652	8	10	26.9	111	55	43.7	200 M of Vietnam
653	8	10	54.3	111	56	1.3	200 M of Vietnam
654	8	11	21.8	111	56	18.8	200 M of Vietnam
655	8	11	49.3	111	56	36.2	200 M of Vietnam
656	8	12	16.9	111	56	53.6	200 M of Vietnam
657	8	12	44.5	111	57	10.8	200 M of Vietnam
658	8	13	12.1	111	57	28.0	200 M of Vietnam
659	8	13	39.8	111	57	45.2	200 M of Vietnam
660	8	14	7.5	111	58	2.2	200 M of Vietnam
661	8	14	35.3	111	58	19.2	200 M of Vietnam
662	8	15	3.2	111	58	36.1	200 M of Vietnam
663	8	15	31.0	111	58	53.0	200 M of Vietnam
664	8	15	59.0	111	59	9.7	200 M of Vietnam
665	8	16	26.9	111	59	26.4	200 M of Vietnam
666	8	16	54.9	111	59	43.0	200 M of Vietnam
667	8	17	23.0	111	59	59.6	200 M of Vietnam
668	8	17	51.1	112	0	16.0	200 M of Vietnam
669	8	18	19.2	112	0	32.4	200 M of Vietnam
670	8	18	47.4	112	0	48.7	200 M of Vietnam
671	8	19	15.6	112	1	5.0	200 M of Vietnam
672	8	19	43.9	112	1	21.1	200 M of Vietnam
673	8	20	12.2	112	1	37.2	200 M of Vietnam
674	8	20	40.6	112	1	53.2	200 M of Vietnam
675	8	21	9.0	112	2	9.2	200 M of Vietnam
676	8	21	37.4	112	2	25.0	200 M of Vietnam
677	8	22	5.9	112	2	40.8	200 M of Vietnam
678	8	22	34.4	112	2	56.5	200 M of Vietnam
679	8	23	3.0	112	3	12.1	200 M of Vietnam
680	8	23	31.6	112	3	27.7	200 M of Vietnam
681	8	24	0.3	112	3	43.1	200 M of Vietnam
682	8	24	29.0	112	3	58.5	200 M of Vietnam
683	8	24	57.7	112	4	13.9	200 M of Vietnam
684	8	25	26.5	112	4	29.1	200 M of Vietnam
685	8	25	55.3	112	4	44.3	200 M of Vietnam
686	8	26	24.1	112	4	59.4	200 M of Vietnam
687	8	26	53.0	112	5	14.4	200 M of Vietnam
688	8	27	22.0	112	5	29.3	200 M of Vietnam
689	8	27	50.9	112	5	44.1	200 M of Vietnam
690	8	28	20.0	112	5	58.9	200 M of Vietnam
691	8	28	49.0	112	6	13.6	200 M of Vietnam
692	8	29	18.1	112	6	28.2	200 M of Vietnam
693	8	29	47.2	112	6	42.8	200 M of Vietnam
694	8	30	16.4	112	6	57.2	200 M of Vietnam
695	8	30	45.6	112	7	11.6	200 M of Vietnam
696	8	31	14.9	112	7	25.9	200 M of Vietnam
697	8	31	44.2	112	7	40.1	200 M of Vietnam
698	8	32	13.5	112	7	54.3	200 M of Vietnam
699	8	32	42.9	112	8	8.4	200 M of Vietnam
700	8	33	12.3	112	8	22.4	200 M of Vietnam

701	8	33	41.7	112	8	36.3	200 M of Vietnam
702	8	34	11.2	112	8	50.1	200 M of Vietnam
703	8	34	40.7	112	9	3.9	200 M of Vietnam
704	8	35	10.2	112	9	17.5	200 M of Vietnam
705	8	35	39.8	112	9	31.1	200 M of Vietnam
706	8	36	9.4	112	9	44.6	200 M of Vietnam
707	8	36	39.1	112	9	58.1	200 M of Vietnam
708	8	37	8.8	112	10	11.4	200 M of Vietnam
709	8	37	38.5	112	10	24.7	200 M of Vietnam
710	8	38	8.3	112	10	37.9	200 M of Vietnam
711	8	38	38.1	112	10	51.0	200 M of Vietnam
712	8	39	7.9	112	11	4.0	200 M of Vietnam
713	8	39	37.8	112	11	17.0	200 M of Vietnam
714	8	40	7.7	112	11	29.9	200 M of Vietnam
715	8	40	37.6	112	11	42.7	200 M of Vietnam
716	8	41	7.6	112	11	55.4	200 M of Vietnam
717	8	41	37.6	112	12	8.0	200 M of Vietnam
718	8	42	7.6	112	12	20.6	200 M of Vietnam
719	8	42	37.7	112	12	33.0	200 M of Vietnam
720	8	43	7.8	112	12	45.4	200 M of Vietnam
721	8	43	37.9	112	12	57.7	200 M of Vietnam
722	8	44	8.1	112	13	10.0	200 M of Vietnam
723	8	44	38.3	112	13	22.1	200 M of Vietnam
724	8	45	8.5	112	13	34.2	200 M of Vietnam
725	8	45	38.8	112	13	46.2	200 M of Vietnam
726	8	46	9.1	112	13	58.1	200 M of Vietnam
727	8	46	39.5	112	14	9.9	200 M of Vietnam
728	8	47	9.8	112	14	21.6	200 M of Vietnam
729	8	47	40.2	112	14	33.3	200 M of Vietnam
730	8	48	10.6	112	14	44.9	200 M of Vietnam
731	8	48	41.1	112	14	56.4	200 M of Vietnam
732	8	49	11.6	112	15	7.8	200 M of Vietnam
733	8	49	42.1	112	15	19.1	200 M of Vietnam
734	8	50	12.6	112	15	30.3	200 M of Vietnam
735	8	50	43.2	112	15	41.5	200 M of Vietnam
736	8	51	13.8	112	15	52.6	200 M of Vietnam
737	8	51	44.5	112	16	3.6	200 M of Vietnam
738	8	52	15.1	112	16	14.5	200 M of Vietnam
739	8	52	45.8	112	16	25.3	200 M of Vietnam
740	8	53	16.5	112	16	36.1	200 M of Vietnam
741	8	53	47.3	112	16	46.8	200 M of Vietnam
742	8	54	18.1	112	16	57.3	200 M of Vietnam
743	8	54	48.9	112	17	7.9	200 M of Vietnam
744	8	55	19.7	112	17	18.3	200 M of Vietnam
745	8	55	50.6	112	17	28.6	200 M of Vietnam
746	8	56	21.5	112	17	38.9	200 M of Vietnam
747	8	56	52.4	112	17	49.0	200 M of Vietnam
748	8	57	23.3	112	17	59.1	200 M of Vietnam
749	8	57	54.3	112	18	9.1	200 M of Vietnam
750	8	58	25.3	112	18	19.0	200 M of Vietnam
751	8	58	56.3	112	18	28.9	200 M of Vietnam
752	8	59	27.4	112	18	38.6	200 M of Vietnam
753	8	59	58.5	112	18	48.3	200 M of Vietnam

754	9	0	29.6	112	18	57.9	200 M of Vietnam
755	9	1	0.7	112	19	7.4	200 M of Vietnam
756	9	1	31.9	112	19	16.8	200 M of Vietnam
757	9	2	3.0	112	19	26.1	200 M of Vietnam
758	9	2	34.2	112	19	35.4	200 M of Vietnam
759	9	3	5.5	112	19	44.6	200 M of Vietnam
760	9	3	36.7	112	19	53.6	200 M of Vietnam
761	9	4	8.0	112	20	2.6	200 M of Vietnam
762	9	4	39.3	112	20	11.5	200 M of Vietnam
763	9	5	10.6	112	20	20.4	200 M of Vietnam
764	9	5	42.0	112	20	29.1	200 M of Vietnam
765	9	6	13.3	112	20	37.8	200 M of Vietnam
766	9	6	44.7	112	20	46.3	200 M of Vietnam
767	9	7	16.2	112	20	54.8	200 M of Vietnam
768	9	7	47.6	112	21	3.2	200 M of Vietnam
769	9	8	19.1	112	21	11.6	200 M of Vietnam
770	9	8	50.6	112	21	19.8	200 M of Vietnam
771	9	9	22.1	112	21	27.9	200 M of Vietnam
772	9	9	53.6	112	21	36.0	200 M of Vietnam
773	9	10	25.1	112	21	44.0	200 M of Vietnam
774	9	10	56.7	112	21	51.9	200 M of Vietnam
775	9	11	28.3	112	21	59.7	200 M of Vietnam
776	9	11	59.9	112	22	7.4	200 M of Vietnam
777	9	12	31.5	112	22	15.1	200 M of Vietnam
778	9	13	3.2	112	22	22.6	200 M of Vietnam
779	9	13	34.9	112	22	30.1	200 M of Vietnam
780	9	14	6.6	112	22	37.5	200 M of Vietnam
781	9	14	38.3	112	22	44.7	200 M of Vietnam
782	9	15	10.0	112	22	52.0	200 M of Vietnam
783	9	15	41.8	112	22	59.1	200 M of Vietnam
784	9	16	13.5	112	23	6.1	200 M of Vietnam
785	9	16	45.3	112	23	13.1	200 M of Vietnam
786	9	17	17.1	112	23	19.9	200 M of Vietnam
787	9	17	48.9	112	23	26.7	200 M of Vietnam
788	9	18	20.8	112	23	33.4	200 M of Vietnam
789	9	18	52.7	112	23	40.0	200 M of Vietnam
790	9	19	24.5	112	23	46.5	200 M of Vietnam
791	9	19	56.4	112	23	53.0	200 M of Vietnam
792	9	20	28.3	112	23	59.3	200 M of Vietnam
793	9	21	0.3	112	24	5.6	200 M of Vietnam
794	9	21	32.2	112	24	11.8	200 M of Vietnam
795	9	22	4.2	112	24	17.9	200 M of Vietnam
796	9	22	36.2	112	24	23.9	200 M of Vietnam
797	9	23	8.2	112	24	29.8	200 M of Vietnam
798	9	23	40.2	112	24	35.6	200 M of Vietnam
799	9	24	12.2	112	24	41.4	200 M of Vietnam
800	9	24	44.2	112	24	47.0	200 M of Vietnam
801	9	25	16.3	112	24	52.6	200 M of Vietnam
802	9	25	48.4	112	24	58.1	200 M of Vietnam
803	9	26	20.4	112	25	3.5	200 M of Vietnam
804	9	26	52.5	112	25	8.8	200 M of Vietnam
805	9	27	24.7	112	25	14.0	200 M of Vietnam
806	9	27	56.8	112	25	19.2	200 M of Vietnam



807	9	28	28.9	112	25	24.2	200 M of Vietnam
808	9	29	1.1	112	25	29.2	200 M of Vietnam
809	9	29	13.4	112	25	31.0	200 M of Vietnam
810	9	30	15.4	112	25	40.3	Point I : The point of the envelope of arcs of Vietnam's 200 M limits



**Figure 2 The Outer Edge of the Continental Margin and the Defined Area in the southern part of the South China Sea**

**Table 2**

**List of Geographical Coordinates of the Formula Fixed Points Used in the  
Establishment of the Outer Edge of the Continental Margin (OECM)  
(All Coordinates are in WGS84)**

OECM Point ID	Latitude (N)			Longitude (E)			Method	From OECM Point	To OECM Point	Distance	
	°	'	''	°	'	''				KM	M
1	11	49	51.8	112	47	13.0	Intersection of Vietnam 200 M & 60 M envelope of arcs generated from FOS07				
2	12	20	35.6	113	21	8.8	Formula fixed point of 60 M envelope of arcs generated from FOS04	1	2	83.667	45.18
3	12	21	15.7	113	21	54.6	Formula fixed point of 60 M envelope of arcs generated from FOS04	2	3	1.852	1.00
4	12	21	55.0	113	22	41.1	Formula fixed point of 60 M envelope of arcs generated from FOS04	3	4	1.852	1.00
5	12	22	33.6	113	23	28.2	Formula fixed point of 60 M envelope of arcs generated from FOS04	4	5	1.852	1.00
6	12	23	11.3	113	24	16.0	Formula fixed point of 60 M envelope of arcs generated from FOS04	5	6	1.852	1.00
7	12	23	48.3	113	25	4.4	Formula fixed point of 60 M envelope of arcs generated from FOS04	6	7	1.852	1.00
8	12	39	56.9	113	46	22.5	Formula fixed point of 60 M envelope of arcs generated from FOS03	7	8	48.733	26.32
9	12	40	33.0	113	47	11.6	Formula fixed point of 60 M envelope of arcs generated from FOS03	8	9	1.852	1.00
10	12	41	8.4	113	48	1.3	Formula fixed point of 60 M envelope of arcs generated from FOS03	9	10	1.852	1.00
11	12	41	42.9	113	48	51.6	Formula fixed point of 60 M envelope of arcs generated from FOS03	10	11	1.852	1.00
12	12	42	16.6	113	49	42.5	Formula fixed point of 60 M envelope of arcs generated from FOS03	11	12	1.852	1.00
13	12	42	49.5	113	50	33.9	Formula fixed point of 60 M envelope of arcs generated from FOS03	12	13	1.852	1.00
14	12	43	21.5	113	51	25.9	Formula fixed point of 60 M envelope of arcs generated from FOS03	13	14	1.852	1.00
15	12	43	52.7	113	52	18.5	Formula fixed point of 60 M envelope of arcs generated from FOS03	14	15	1.852	1.00
16	12	44	23.0	113	53	11.6	Formula fixed point of 60 M envelope of arcs generated from FOS03	15	16	1.852	1.00
17	12	44	52.4	113	54	5.1	Formula fixed point of 60 M envelope of arcs generated from FOS03	16	17	1.852	1.00
18	12	45	20.9	113	54	59.2	Formula fixed point of 60 M envelope of arcs generated from FOS03	17	18	1.852	1.00

OECM Point ID	Latitude (N)			Longitude (E)			Method	From OECM Point	To OECM Point	Distance	
	°	'	''	°	'	''				KM	M
19	12	45	48.6	113	55	53.8	Formula fixed point of 60 M envelope of arcs generated from FOS03	18	19	1.852	1.00
20	12	46	15.3	113	56	48.8	Formula fixed point of 60 M envelope of arcs generated from FOS03	19	20	1.852	1.00
21	12	46	41.2	113	57	44.2	Formula fixed point of 60 M envelope of arcs generated from FOS03	20	21	1.852	1.00
22	12	47	6.1	113	58	40.1	Formula fixed point of 60 M envelope of arcs generated from FOS03	21	22	1.852	1.00
23	12	47	30.1	113	59	36.5	Formula fixed point of 60 M envelope of arcs generated from FOS03	22	23	1.852	1.00
24	12	47	53.2	114	0	33.2	Formula fixed point of 60 M envelope of arcs generated from FOS03	23	24	1.852	1.00
25	12	48	15.3	114	1	30.3	Formula fixed point of 60 M envelope of arcs generated from FOS03	24	25	1.852	1.00
26	12	48	36.5	114	2	27.8	Formula fixed point of 60 M envelope of arcs generated from FOS03	25	26	1.852	1.00
27	12	48	56.8	114	3	25.6	Formula fixed point of 60 M envelope of arcs generated from FOS03	26	27	1.852	1.00
28	12	49	16.1	114	4	23.8	Formula fixed point of 60 M envelope of arcs generated from FOS03	27	28	1.852	1.00
29	12	49	34.4	114	5	22.3	Formula fixed point of 60 M envelope of arcs generated from FOS03	28	29	1.852	1.00
30	12	49	51.8	114	6	21.1	Formula fixed point of 60 M envelope of arcs generated from FOS03	29	30	1.852	1.00
31	12	50	8.2	114	7	20.2	Formula fixed point of 60 M envelope of arcs generated from FOS03	30	31	1.852	1.00
32	12	50	23.7	114	8	19.5	Formula fixed point of 60 M envelope of arcs generated from FOS03	31	32	1.852	1.00
33	12	50	38.1	114	9	19.2	Formula fixed point of 60 M envelope of arcs generated from FOS03	32	33	1.852	1.00
34	12	50	51.6	114	10	19.0	Formula fixed point of 60 M envelope of arcs generated from FOS03	33	34	1.852	1.00
35	12	51	4.13	114	11	19.1	Formula fixed point of 60 M envelope of arcs generated from FOS03	34	35	1.852	1.00
36	12	51	15.6	114	12	19.4	Formula fixed point of 60 M envelope of arcs generated from FOS03	35	36	1.852	1.00
37	12	51	26.2	114	13	19.9	Formula fixed point of 60 M envelope of arcs generated from FOS03	36	37	1.852	1.00
38	12	51	35.7	114	14	20.5	Formula fixed point of 60 M envelope of arcs generated from FOS03	37	38	1.852	1.00

OECM Point ID	Latitude (N)			Longitude (E)			Method	From OECM Point	To OECM Point	Distance	
	°	'	''	°	'	''				KM	M
39	12	51	44.2	114	15	21.3	Formula fixed point of 60 M envelope of arcs generated from FOS03	38	39	1.852	1.00
40	12	51	51.8	114	16	22.2	Formula fixed point of 60 M envelope of arcs generated from FOS03	39	40	1.852	1.00
41	12	51	58.3	114	17	23.3	Formula fixed point of 60 M envelope of arcs generated from FOS03	40	41	1.852	1.00
42	12	52	3.8	114	18	24.5	Formula fixed point of 60 M envelope of arcs generated from FOS03	41	42	1.852	1.00
43	12	52	8.3	114	19	25.7	Formula fixed point of 60 M envelope of arcs generated from FOS03	42	43	1.852	1.00
44	12	52	11.9	114	20	27.0	Formula fixed point of 60 M envelope of arcs generated from FOS03	43	44	1.852	1.00
45	12	52	14.4	114	21	28.4	Formula fixed point of 60 M envelope of arcs generated from FOS03	44	45	1.852	1.00
46	12	52	15.9	114	22	29.8	Formula fixed point of 60 M envelope of arcs generated from FOS03	45	46	1.852	1.00
47	12	52	16.4	114	23	30.7	Formula fixed point of 60 M envelope of arcs generated from FOS03	46	47	1.835	0.99
48	12	52	15.9	114	24	32.1	Formula fixed point of 60 M envelope of arcs generated from FOS03	47	48	1.852	1.00
49	12	52	14.4	114	25	33.5	Formula fixed point of 60 M envelope of arcs generated from FOS03	48	49	1.852	1.00
50	12	52	11.8	114	26	34.9	Formula fixed point of 60 M envelope of arcs generated from FOS03	49	50	1.852	1.00
51	12	52	8.3	114	27	36.2	Formula fixed point of 60 M envelope of arcs generated from FOS03	50	51	1.852	1.00
52	12	52	3.8	114	28	37.4	Formula fixed point of 60 M envelope of arcs generated from FOS03	51	52	1.852	1.00
53	12	50	12.9	114	50	33.3	Formula fixed point of 60 M envelope of arcs generated from FOS02	52	53	39.822	21.50
54	12	48	30.4	115	49	7.2	Formula fixed point of 60 M envelope of arcs generated from FOS01	53	54	106.012	57.24
55	12	48	27.9	115	50	8.5	Formula fixed point of 60 M envelope of arcs generated from FOS01	54	55	1.852	1.00
56	12	48	24.4	115	51	9.8	Formula fixed point of 60 M envelope of arcs generated from FOS01	55	56	1.852	1.00
57	12	48	19.8	115	52	11.1	Formula fixed point of 60 M envelope of arcs generated from FOS01	56	57	1.852	1.00
58	12	48	14.3	115	53	12.2	Formula fixed point of 60 M envelope of arcs generated from FOS01	57	58	1.852	1.00

OECM Point ID	Latitude (N)			Longitude (E)			Method	From OECM Point	To OECM Point	Distance	
	°	'	''	°	'	''				KM	M
59	12	48	7.8	115	54	13.3	Formula fixed point of 60 M envelope of arcs generated from FOS01	58	59	1.852	1.00
60	12	48	0.2	115	55	14.2	Formula fixed point of 60 M envelope of arcs generated from FOS01	59	60	1.852	1.00
61	12	47	51.7	115	56	15.0	Formula fixed point of 60 M envelope of arcs generated from FOS01	60	61	1.852	1.00
62	12	47	42.1	115	57	15.6	Formula fixed point of 60 M envelope of arcs generated from FOS01	61	62	1.852	1.00
63	12	47	31.6	115	58	16.0	Formula fixed point of 60 M envelope of arcs generated from FOS01	62	63	1.852	1.00
64	12	47	20.1	115	59	16.3	Formula fixed point of 60 M envelope of arcs generated from FOS01	63	64	1.852	1.00
65	12	47	7.6	116	0	16.4	Formula fixed point of 60 M envelope of arcs generated from FOS01	64	65	1.852	1.00
66	12	46	54.1	116	1	16.2	Formula fixed point of 60 M envelope of arcs generated from FOS01	65	66	1.852	1.00
67	12	46	39.6	116	2	15.8	Formula fixed point of 60 M envelope of arcs generated from FOS01	66	67	1.852	1.00
68	12	46	24.2	116	3	15.2	Formula fixed point of 60 M envelope of arcs generated from FOS01	67	68	1.852	1.00
69	12	46	7.7	116	4	14.2	Formula fixed point of 60 M envelope of arcs generated from FOS01	68	69	1.852	1.00
70	12	45	50.3	116	5	13.0	Formula fixed point of 60 M envelope of arcs generated from FOS01	69	70	1.852	1.00
71	12	45	32.0	116	6	11.5	Formula fixed point of 60 M envelope of arcs generated from FOS01	70	71	1.852	1.00
72	12	45	12.7	116	7	9.7	Formula fixed point of 60 M envelope of arcs generated from FOS01	71	72	1.852	1.00
73	12	44	52.4	116	8	7.5	Formula fixed point of 60 M envelope of arcs generated from FOS01	72	73	1.852	1.00
74	12	44	31.2	116	9	4.9	Formula fixed point of 60 M envelope of arcs generated from FOS01	73	74	1.852	1.00
75	12	44	9.0	116	10	2.0	Formula fixed point of 60 M envelope of arcs generated from FOS01	74	75	1.852	1.00
76	12	43	46.0	116	10	58.7	Formula fixed point of 60 M envelope of arcs generated from FOS01	75	76	1.852	1.00
77	12	43	21.9	116	11	55.0	Formula fixed point of 60 M envelope of arcs generated from FOS01	76	77	1.852	1.00
78	12	43	1.1	116	12	41.7	60 M envelope of arcs generated from FOS01 & Intersection of the Philippines 200 M	77	78	1.547	0.84

