

**The Brazilian submission to the Commission on the Limits of the Continental Shelf  
pursuant to article 76 of the United Nations Convention on the Law of the Sea**

**Addendum to the Executive Summary dated 17 May 2004**

**1 February 2006**

Pursuant to article 76, paragraph 8, of the “United Nations Convention on Law of the Sea, 1982” (UNCLOS), on 17 May 2004 Brazil submitted to the Commission on the Limits of the Continental Shelf (the Commission), through the Secretary-General of the United Nations, information on the limits of its continental shelf beyond 200 nautical miles from the baselines from which the breath of the territorial sea is measured.

During the consideration of item 4 of the agenda of the fifteenth session of the Commission, the Commission decided to seek a legal opinion from the Legal Counsel on a matter of a general nature concerning the application of the rules of procedure of the Commission and the relevant provisions of the UNCLOS (document CLCS/44, 3 May 2005).

This Addendum to the Executive Summary dated 17 May 2004 is being submitted by the Government of Brazil in response to the request contained in letter 05-01960 dated 9 September 2005, from the Chairman of the Commission on the Limits of the Continental Shelf, Mr. Peter F. Croker, in the light of the legal opinion dated 25 August 2005, addressed by the Legal Counsel of the United Nations to the Commission. The legal opinion provided by the Legal Counsel was made public by the Commission as document CLCS/46 (7 September 2005).

The request made by the Commission refers to the new information of the outer limits of the continental shelf of Brazil, submitted by a letter of the Government of Brazil dated 24 March 2005, in the course of the examination of the Brazilian submission by the Commission.

The consideration of the submission made by Brazil to the Commission is reported in the Statements by the Chairman of the Commission on the progress of work related to the fourteenth, fifteenth and sixteenth sessions of the Commission (CLCS/42, 44 and 48).

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### **Fixed points of the outer limits of the Brazilian continental shelf**

In the period from 7 to 17 September 2004, the Brazilian Delegation were invited to several meetings with the Sub-commission established by the Commission to examine the Brazilian submission. During this period, the Sub-commission posed a number of questions for clarifications to the Brazilian Delegation. Although most of these questions were answered while the Brazilian Delegation was in New York City, the Delegation of Brazil realized that the answers and clarifications to some questions would demand additional work in Brazil.

As a result of this work, the Brazilian Government provided additional material to the Sub-commission in October 2004 and February 2005, and additional information in a letter dated 24 March 2005, from the Head of the Delegation of Brazil addressed to the Chairman of the Sub-commission established by the Commission to examine the Brazilian submission.

The fixed points comprising the line of the outer limits of the continental shelf, and the baselines from which the breadth of the territorial sea is measured can be visualized on the three attached charts, all of them on the Mercator projection, WGS 84 datum and 1:5,600,000 scale (latitude 15° S).

The “Chart of the outer limits of the Brazilian continental shelf” is shown in Figure 1, where the outer limits of the continental shelf are divided into eleven polygonal lines, which are identified by the edge points OL1, OL2, OL3, OL4, OL5, OL6, OL7, OL8, OL9, OL10, OL11 and OL12. For each of these polygonal lines, the outer limits of the continental shelf were determined in accordance with the criteria established by article 76 of the UNCLOS.

The “General Chart of Lines and Limits” is shown in Figure 2, where all criteria used for the delineation of the outer limits of the continental shelf are represented, pursuant to article 76 of the UNCLOS. In order to allow a better understanding of the delineation of the outer limits, the following lines are delineated in the chart:

- foot of the continental slope;

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- 60 nautical miles from the foot of the continental slope;
- thickness of sedimentary rocks that is at least one per cent of the shortest distance to the foot of the continental slope (Gardiner line);
- 100 nautical miles from the 2,500 metre isobath;
- 350 nautical miles from the baselines from which the breadth of the territorial sea is measured; and
- 200 nautical miles from the baselines from which the breadth of the territorial sea is measured, representing the limits of the Exclusive Economic Zone (EEZ).

The polygonal lines of the outer limits of the continental shelf were determined as follow:

OL1 – OL2, comprises the fixed points from 1 to 20. The outer limits were determined based on both the 60M distance from the foot of the continental slope criterion and on the sediment thickness formula;

OL2 – OL3, comprises the fixed points from 20 to 116. The outer limits are given by the 350M distance line from the baselines from which the breadth of the territorial sea is measured;

OL3 – OL4, comprises the fixed points from 116 to 151. The outer limits were

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OL8 – OL9, comprises the fixed points from 201 to 504. The outer limits are given by the 350M distance line from the baselines from which the breadth of the territorial sea is measured;

OL9 – OL10, comprises the fixed points from 504 to 506. The outer limits were determined based only on the sediment thickness formula;

OL10 – OL11, comprises the fixed points from 506 to 535. The outer limits are given by the 350M distance line from the baselines from which the breadth of the territorial sea is measured;

OL11 – OL12, comprises the fixed points from 535 to 538. The outer limits were determined based only on the sediment thickness formula.

The map with the outer limits of the Brazilian continental shelf delineated by straight lines not exceeding 60 nautical miles in length, connecting fixed points, is shown in Figure 3. The geographic coordinates of these fixed points are listed in Table 1, which includes the criteria used in delineating each polygonal line and the distance between fixed points.

The area of the Brazilian continental shelf beyond 200 nautical miles from the baselines from which the breadth of the territorial sea is measured equals 953,525 km<sup>2</sup>.

Brazil assures that there are no maritime boundary disputes with the adjacent coastal States, France (French Guyana) and Uruguay.

Mr. Alexandre Tagore Medeiros de Albuquerque has been the member of the Commission on the Limits of the Continental Shelf who has given advice to the Government of

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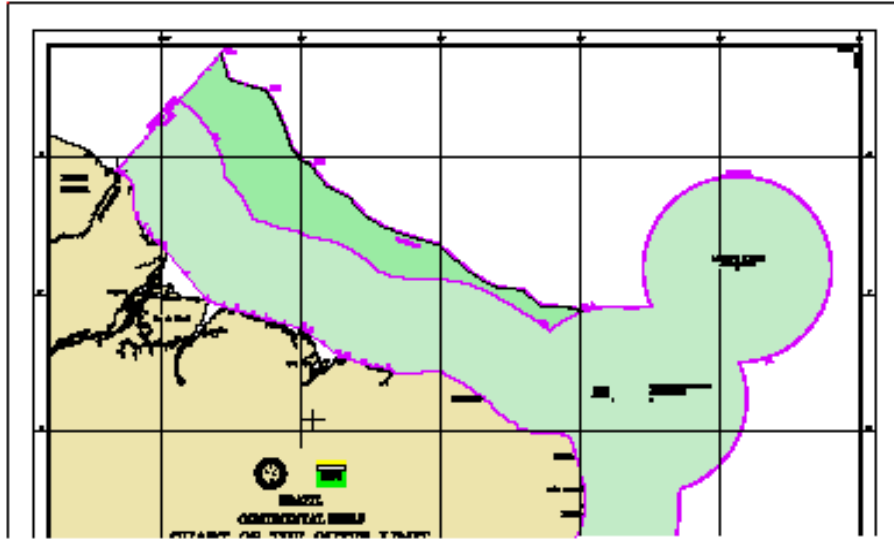


Figure 1 – Chart of the outer limits of the Brazilian continental shelf.



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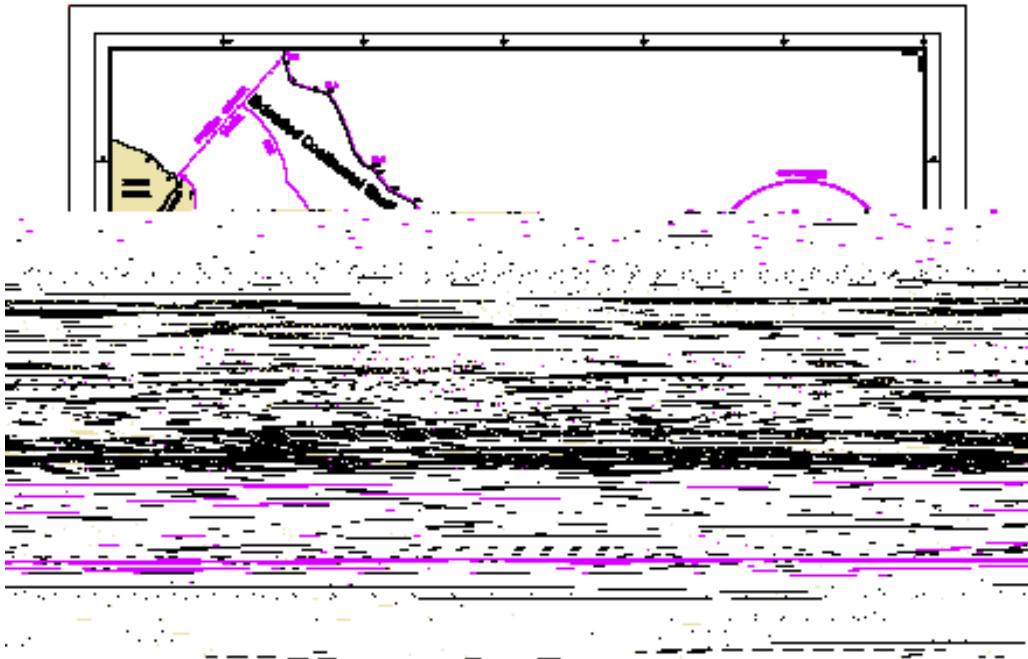


Figure 3 – Map with the fixed points of the outer limits of the Brazilian continental shelf at a distance less than 60M apart from each other.







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FP	LATITUDE dd.mm.ss.dec	LONGITUDE dd.mm.ss.dec	LATITUDE dd.dec	LONGITUDE dd.dec	ARTICLE 76	DIST. NEXT POINT	POLYGONAL
150	-0.37.49.82	-34.56.05.69	-0.630506	-34.934913	60 M	2 M or less	OL3-OL4
151	-0.38.39.25	-34.53.48.05	-0.644237	-34.896680	200 M	N/A	OL4-OL5
152	-18.05.58.57	-35.11.54.54	-18.099604	-35.198483	200 M	N/A	OL5-OL6
153	-18.14.20.00	-35.02.28.01	-18.238889	-35.041115	1% sed	12.2 M	OL5-OL6
154	-19.04.16.99	-34.29.08.99	-19.071385	-34.485831	1% sed	58.8 M	OL5-OL6
155	-19.21.10.72	-33.57.26.17	-19.352977	-33.957270	60 M	34.4 M	OL5-OL6
156	-19.43.04.88	-33.04.06.59	-19.718021	-33.068497	60 M	54.8 M	OL5-OL6
157	-19.43.50.96	-33.02.09.07	-19.730823	-33.035852	60 M	2 M or less	OL5-OL6
158	-19.44.40.76	-33.00.13.25	-19.744654	-33.003681	60 M	2 M or less	OL5-OL6
159	-19.45.34.12	-32.58.19.21	-19.759479	-32.972003	60 M	2 M or less	OL5-OL6
160	-19.46.31.04	-32.56.27.08	-19.775288	-32.940854	60 M	2 M or less	OL5-OL6
161	-19.47.31.43	-32.54.37.02	-19.792063	-32.910283	60 M	2 M or less	OL5-OL6
162	-19.48.13.12	-32.53.20.47	-19.803645	-32.889018	60 M	2 M or less	OL5-OL6
163	-19.49.07.70	-32.51.27.03	-19.818807	-32.857508	60 M	2 M or less	OL5-OL6
164	-19.49.42.30	-32.50.19.78	-19.828416	-32.838828	60 M	2 M or less	OL5-OL6
165	-19.50.22.27	-32.49.05.71	-19.839519	-32.818252	200 M	N/A	OL6-OL7
166	-21.49.44.20	-32.37.05.81	-21.828946	-32.618280	200 M	N/A	OL7-OL8
167	-21.50.42.46	-32.38.27.25	-21.845127	-32.640902	60 M	2 M or less	OL7-OL8
168	-21.51.36.95	-32.39.47.45	-21.860265	-32.663180	60 M	2 M or less	OL7-OL8
169	-21.52.44.75	-32.41.34.03	-21.879098	-32.692785	60 M	2 M or less	OL7-OL8
170	-21.53.51.29	-32.43.25.56	-21.897582	-32.723766	60 M	2 M or less	OL7-OL8
171	-21.55.08.79	-32.45.04.33	-21.919108	-32.751204	60 M	2 M or less	OL7-OL8
172	-21.56.23.15	-32.46.45.82	-21.939764	-32.779395	60 M	2 M or less	OL7-OL8
173	-21.57.34.28	-32.48.29.96	-21.959523	-32.808321	60 M	2 M or less	OL7-OL8
174	-21.58.42.13	-32.50.16.60	-21.978369	-32.837945	60 M	2 M or less	OL7-OL8
175	-21.59.46.62	-32.52.05.65	-21.996285	-32.868237	60 M	2 M or less	OL7-OL8
176	-22.00.47.65	-32.53.56.95	-22.013236	-32.899153	60 M	2 M or less	OL7-OL8
177	-22.01.45.17	-32.55.50.42	-22.029214	-32.930673	60 M	2 M or less	OL7-OL8
178	-22.02.39.09	-32.57.45.87	-22.044193	-32.962742	60 M	2 M or less	OL7-OL8
179	-22.03.29.39	-32.59.43.23	-22.058165	-32.995341	60 M	2 M or less	OL7-OL8
180	-22.04.16.01	-33.01.42.35	-22.071113	-33.028432	60 M	2 M or less	OL7-OL8
181	-22.04.58.84	-33.03.43.06	-22.083012	-33.061960	60 M	2 M or less	OL7-OL8
182	-22.19.15.98	-33.39.43.01	-22.321107	-33.661948	1% sed	36.2 M	OL7-OL8
					60 M	32.6 M	OL7-OL8
					60 M	2 M or less	OL7-OL8

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FP	LATITUDE dd.mm.ss.dec	LONGITUDE dd.mm.ss.dec	LATITUDE dd.dec	LONGITUDE dd.dec	ARTICLE 76	DIST. NEXT POINT	POLYGONAL
201	-27.56.42.59	-38.31.17.93	-27.945165	-38.521647	350 M	19.2 M	OL8-OL9

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252	-28.39.04.25	-40.15.08.40	-28.651179	-40.252332	350 M	2 M or less	OL8-OL9
253	-28.39.37.14	-40.17.19.34	-28.660316	-40.288706	350 M	2 M or less	OL8-OL9
254	-28.40.09.35	-40.19.30.52	-28.669263	-40.325145	350 M	2 M or less	OL8-OL9
255	-28.40.40.87	-40.21.41.93	-28.678021	-40.361648	350 M	2 M or less	OL8-OL9
256	-28.41.11.69	-40.23.53.58	-28.686581	-40.398217	350 M	2 M or less	OL8-OL9
257	-28.41.41.83	-40.26.05.43	-28.694952	-40.434842	350 M	2 M or less	OL8-OL9
258	-28.42.11.25	-40.28.17.48	-28.703125	-40.471522	350 M	2 M or less	OL8-OL9
259	-28.42.39.99	-40.30.29.76	-28.711109	-40.508268	350 M	2 M or less	OL8-OL9
260	-28.43.08.03	-40.32.42.25	-28.718896	-40.545069	350 M	2 M or less	OL8-OL9
261	-28.43.35.35	-40.34.54.93	-28.726486	-40.581926	350 M	2 M or less	OL8-OL9
262	-28.44.01.96	-40.37.07.79	-28.733878	-40.618830	350 M	2 M or less	OL8-OL9
263	-28.44.27.89	-40.39.20.84	-28.741082	-40.655789	350 M	2 M or less	OL8-OL9
264	-28.44.53.12	-40.41.34.10	-28.748088	-40.692804	350 M	2 M or less	OL8-OL9
265	-28.45.17.63	-40.43.47.52	-28.754897	-40.729866	350 M	2 M or less	OL8-OL9
266	-28.45.41.46	-40.46.01.11	-28.761517	-40.766974	350 M	2 M or less	OL8-OL9
267	-28.46.04.56	-40.48.14.86	-28.767932	-40.804129	350 M	2 M or less	OL8-OL9
268	-28.46.26.97	-40.50.28.79	-28.774158	-40.841330	350 M	2 M or less	OL8-OL9
269	-28.46.48.65	-40.52.42.85	-28.780179	-40.878568	350 M	2 M or less	OL8-OL9
270	-28.47.09.64	-40.54.57.07	-28.786012	-40.915853	350 M	2 M or less	OL8-OL9
271	-28.47.29.90	-40.57.11.46	-28.791639	-40.953184	350 M	2 M or less	OL8-OL9
272	-28.47.49.48	-40.59.25.99	-28.797077	-40.990553	350 M	2 M or less	OL8-OL9
273	-28.48.08.32	-41.01.40.65	-28.802311	-41.027959	350 M	2 M or less	OL8-OL9
274	-28.48.26.45	-41.03.55.45	-28.807347	-41.065401	350 M	2 M or less	OL8-OL9
275	-28.48.43.87	-41.06.10.37	-28.812187	-41.102882	350 M	2 M or less	OL8-OL9
276	-28.49.00.59	-41.08.25.40	-28.816830	-41.140390	350 M	2 M or less	OL8-OL9
277	-28.49.16.60	-41.10.40.56	-28.821277	-41.177935	350 M	2 M or less	OL8-OL9
278	-28.49.31.89	-41.12.55.83	-28.825526	-41.215508	350 M	2 M or less	OL8-OL9
279	-28.49.46.46	-41.15.11.22	-28.829571	-41.253118	350 M	2 M or less	OL8-OL9
280	-28.50.00.31	-41.17.26.69	-28.833419	-41.290747	350 M	2 M or less	OL8-OL9
281	-28.50.13.45	-41.19.42.29	-28.837071	-41.328413	350 M	2 M or less	OL8-OL9



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DIST. NEXT POINT	POLYGONAL
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405	-32.13.37.96	-43.30.49.33	-32.227212	-43.513703	350 M	2 M or less	OL8-OL9



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FP	LATITUDE dd.mm.ss.dec	LONGITUDE dd.mm.ss.dec	LATITUDE dd.dec	LONGITUDE dd.dec	ARTICLE 76	DIST. NEXT POINT	POLYGONAL
456	-33.40.50.70	-44.33.24.56	-33.680751	-44.556822	350 M	2 M or less	OL8-OL9

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FP	LATITUDE	LONGITUDE	LATITUDE	LONGITUDE	ARTICLE 76	DIST. NEXT
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