



**SEMINAR ON  
MARINE MINERAL RESOURCES OF THE SOUTH AND  
EQUATORIAL ATLANTIC OCEAN**

26 to 28 NOVEMBER 2008

---

**PROVISIONAL AGENDA**

<b>Wednesday, 26 November 2008</b>	
8:30-9:30 <b>Welcome Coffee/credentials</b>	
<b>Introductory remarks</b>	<p style="text-align: center;"><b>1.- Brazilian Authorities</b></p> <ul style="list-style-type: none"><li>- Minister Edison Lobão, Ministry of Mines and Energy, Brazil</li><li>- Minister Nelson Jobin, Ministry of Defense, Brazil.</li><li>- Minister Celso Amorin, Ministry of Foreign Affairs, Brazil.</li><li>- Admiral Julio Soares de Moura Neto, Coordinator of the Inter-Ministry Commission for the Resources of the Sea, Brazil.</li></ul>
	<p>9:30-10:30      - Mr. José Sérgio Gabrielli, President of Petrobras, Brazil.</p> <p style="text-align: center;"><b>2.- International Seabed Authority</b></p> <ul style="list-style-type: none"><li>- Ambassador <u>Satya Nandan</u>, Secretary General of the International Seabed Authority, Jamaica</li><li>- Mr. Nii Allotey Odunton, Deputy to the Secretary General. International Seabed Authority, Jamaica</li></ul>

<p><b>Overview of the United Convention on the Laws of the Sea</b></p>	<p><b>Chairman: Minister Luiz Alberto Figueiredo Machado, Director of the Department of Environment and Special Issues, Ministry of Foreign Affairs, Brazil</b></p>
	<p>10:30-11:00      <b>The United Nations Convention on the Law of the Sea</b> <i>Ambassador Satya N. Nandan, Secretary General of the International Seabed Authority</i></p>
	<p>11:00-11:30      <b>The role of the International Seabed Authority as manager of the Mineral resources of the Area</b> <i>Mr. Nii Allotey Odunton, Deputy to the Secretary General, International Seabed Authority, Jamaica</i></p>
	<p>11:30-12:00      <b>Gas and Oil development on the Brazilian Continental Shelf.</b> <i>Dr. Guilherme de Oliveira Estrella, Director of Production, Petrobras Oil Company, Brazil</i></p> <p>12:00-12:30      Discussion</p>
<p>12:30-14:00      <b>Lunch</b></p>	
<p><b>Legal Framework for Deep Seabed Mining Activities</b></p>	<p>14:00 – 14:30      <b>The United Nations Division for Ocean Affairs and the Law of the Sea/Office of Legal Affairs</b> <i>DOALOS Officer (United Nations, New York)</i></p>
	<p>14:30 – 15:00      <b>Deep Seabed Mining Provisions, Regulations for Prospecting and Exploration in the Area.</b> <i>Mr. Michael Lodge, Legal Counsel, International Seabed Authority, Jamaica</i></p>
	<p>15:00 – 15:30      <b>The International Tribunal for the Law of the Sea</b> <i>Judge Vincente Marotta Rangel of the International Tribunal for the Laws of the Sea, University of São Paulo, Brazil</i></p>
	<p>15:30 – 16:00      Discussion</p>
<p>16:00-16:30      <b>Coffee-break</b></p>	

<b>Prospecting and Exploration in the “Area”</b>	16:30 – 17:15	<b>The Commission on the Limits of The Continental Shelf</b> <i>Cmd. Alexandre Tagore Medeiros de Albuquerque, Brazilian Member of the Commission. Directorate of Hydrography and Navigation (DHN), Brazilian Navy, Ministry of Defense, Brazil</i>
	17:15 – 18:00	<b>Development of a Geological Model and Prospector’s Guide for Polymetallic nodule deposits in the Clarion-Clipperton Zone</b> <i>Dr. Vijay Kodagali, Marine Geologist, International Seabed Authority, Jamaica</i>
19:00-21:30		<b>Reception</b>

**Thursday, 27 November 2008**

**Chairman: Mr. Miguel Antonio Cedraz Nery, Director-General, National Department of Mineral Production, Ministry of Mines and Energy, Brazil.**

<b>Prospecting and Exploration in the “Area” (continuation)</b>	9:00-9:45	<b>Formation of mineral resources in the South and Equatorial Atlantic Oceans</b> <i>Dr. Richard Kotlinski, Director-General, Interoceanmetal Joint Organization (IOM). Szczecin, Poland</i>
	9:45-10:30	<b>Germany’s efforts to develop mineral resources of the Area</b> <i>Dr. Christian Reichert, Head of Sub-Division, Federal Institute for Geosciences and Natural Resources (BGR), Hannover, Germany</i>
	10:30-11:00	<b>Coffee-break</b>
	11:00-11:45	<b>Russia’s efforts to develop deep sea marine mineral resources</b> <i>Dr. Georgy Cherkashov, Institute for Geology and Mineral Resources of the Ocean, Russian Federation</i>

	11:45-12:30	<b>Prospects for the development of massive sulphides deposits in the South and Equatorial Atlantic Ocean</b> <i>Dr. Yves Fouquet, IFREMER, France</i>
<b>12:30-14:30 Lunch</b>		
<b>National experiences</b>	14:30-15:15	<b>Japan's effort to map the seabed and develop deep sea mineral resource</b> <i>Dr. Shin Tani, Cabinet Counselor, Secretariat of the Headquarters for Ocean Policy, Japan</i>
	15:15-16:00	<b>Korea's efforts to develop marine mineral resources</b> <i>Dr. Woong-Seo Kim, Director, Korea Ocean Research and Development Institute, Republic of Korea</i>
	16:00-16:30	<b>Coffee-break</b>
	16:30-17:15	<b>China's efforts to develop marine mineral resources</b> <i>Dr. Jiancai Jin, Secretary-General, China Ocean Mineral Resources Research and Development Association, People's Republic of China.</i>
	17:15-18:00	<b>Senegal's efforts to develop marine mineral resources</b> <i>Mr. Baidy Diene, Special Adviser to the Minister, Ministry of Mining and Energy. Dakar, Senegal.</i>

<b>Friday, 28 November 2008</b>	
<b>Chairman: José Lima de Andrade Neto, Secretary of Oil and Gas, Ministry of Mines and Energy, Brazil</b>	
<b>National experiences (continuation)</b>	<p>9:00-9:45      <b>Gas hydrates of the Brazilian Continental Shelf</b> <i>Dr. Denis Miller, Research Centre of Petrobras (CENPE), Petrobras Oil Company, Brazil</i></p>
	<p>9:45-10:30    <b>Brazilian potential for oil and gas</b> <i>Dr. Clayton de Souza Pontes, Secretariat of Oil and Gas, Ministry of Mines and Energy, Brazil</i></p>
	<p>10:30-11:00    <b>Coffee-break</b></p>
	<p>11:00-11:45    <b>Brazilian experience in development of marine mineral resources of the South and Equatorial Atlantic Ocean</b> <i>Dr. Kaiser Gonçalves de Souza, Head, Division of Marine Geology, Geological Survey of Brazil, Brazil</i></p>
	<p>11:45-12:30    <b>Seminar evaluation and forthcoming steps</b> <i>Dr. Roberto Ventura, Director, Department of Geology, Mineral Processing and Mining, Ministry of Mine and Energy, Brazil</i></p>
<b>Closing Remarks</b>	<p>12:30-12:45    <i>Mr. Carlos Nogueira, Deputy to the Secretary of Geology, Mining and Mineral Processing, Ministry of Mines and Energy, Brazil</i> <i>Mr. José Lima de Andrade Neto, Secretary of Oil and Gas, Ministry of Mines and Energy, Brazil.</i> <i>Mr. Satya Nandan, Secretary General. International Seabed Authority, Jamaica</i></p>
	<p>12:45-14:30    <b>Lunch</b></p>