WORKSHOP ON

MINING COBALT-RICH FERROMANGANESE CRUSTS AND POLYMETALLIC SULPHIDES IN THE AREA

AGENDA

KINGSTON, JAMAICA
31 July to 4 August 2006
Monday, 31 July 2006

09.00 – 10.30 REGISTRATION

10.30 – 11.00 Welcoming remarks and workshop objectives
- Mr. Nii Odunton, Deputy to the Secretary-General,
  International Seabed Authority

FRAMEWORK FOR PROSPECTING AND EXPLORATION FOR COBALT-RICH
FERROMANGANESE CRUSTS AND POLYMETALLIC SULPHIDES IN THE AREA

11.00 – 11.45 Draft regulations on prospecting and exploration
for polymetallic sulphides and cobalt-rich ferromanganese crusts in the Area (ISBA/10/C/WP.1).
- Mr. Baidy Diene, Chairman, Legal and Technical
  Commission of the International Seabed Authority

11.45 – 12.15 COFFEE BREAK

12.15 – 13.00 Prospecting and exploration for polymetallic
sulphides and cobalt-rich ferromanganese crusts in
the Area – Framework established by the code.
- Dr. Lindsey Parson, Legal and Technical
  Commission of the International Seabed Authority

13.00 – 14.30 LUNCH

14.30 – 15.15 Geologic characteristics and geographic
distribution of potential cobalt-rich ferromanganese
crusts deposits in the Area.
- Dr. James R. Hein, U.S. Geological Survey, Menlo Park,
  CA, USA.

15.15 - 15.45 COFFEE BREAK
15.45 – 16.30 Technological issues associated with commercializing cobalt-rich ferromanganese crusts deposits in the Area.
- Mr. Tetsuo Yamazaki, President, Japan Federation of Ocean Engineering Societies, Japan

Tuesday, 1 August 2006

09.30 – 10.15 Prospecting and exploration for cobalt-rich ferromanganese crusts in the Area.
- Dr. James R. Hein, U.S. Geological Survey, Menlo Park, CA, USA

10.15 – 11.00 Comments and suggestions to the Draft Regulation on Prospecting and Exploration for Cobalt-Rich Ferromanganese Crusts.
- Mr. Yang Shengxiong, Guangzhu Marine Geological Survey, China Geological Survey, Guangzhou, People’s Republic of China

11.00 – 11.30 COFFEE BREAK

11.30 – 12.15 Technological issues associated with commercializing polymetallic sulphides deposits in the Area.
- Mr. Tetsuo Yamazaki, President, Japan Federation of Ocean Engineering Societies, Japan

12:15 – 13.00 Review of the nickel, cobalt and manganese markets –
- Ms. Caitlyn L. Antrim, Director, Center for Leadership in Global Diplomacy, USA

13.00 – 14.30 LUNCH

14.30 – 15.15 Review of the copper, lead and zinc markets –
- Ms. Caitlyn L. Antrim, Director, Center for Leadership in Global Diplomacy, USA
Wednesday, 2 August 2006

MARKET OUTLOOK FOR THE METAL COMMODITIES IN
COBALT-RICH FERROMANGANESE CRUSTS AND POLYMETALLIC SULPHIDES

09.30 – 10.15 Review of the silver and gold markets –
- Ms. Caitlyn L. Antrim, Director, Center for Leadership in Global Diplomacy, USA

10.15 – 11.00 Demand for mineral resources in the People’s Republic of China – short, medium and long term projections.
- Dr. Hongtao Zhang, Deputy Director-General, China Geological Survey, Beijing, People’s Republic of China

11.00 – 11.20 COFFEE BREAK

11.20 – 12.00 Prospecting and exploration for seafloor polymetallic sulphides in the Area.
- Dr. James R. Hein on behalf of Mr. Mark Hannington's paper

12.00 – 12.40 Environmental aspects of cobalt-rich ferromanganese crusts and polymetallic sulphides development – framework established by the code.
- Dr Lindsay Parson, member of the Legal and Technical Commission of the International Seabed Authority

- David Heydon, Chief Executive Officer, Nautilus Minerals Limited, Australia

13.15 – 14.30 LUNCH
14.30 – 16.00  A hypothetical cobalt-rich ferromanganese crusts mine in the Area.
- Dr. Charles Morgan, Environmental Planner, Planning Solutions, Inc., Mililani HI, USA

16.30 – 18.00  A hypothetical polymetallic sulphides mine in the Area.
- Mr. Mike Johnston, Vice President, Corporate Development, Nautilus Minerals, Australia

Thursday, 3 August 2006

09.30 – 10.15  Formation of two Working Groups to examine the effects of the proposed system of participation of the Authority in crusts and sulphides mines in the Area, using the hypothetical mines in the Area.

10.15 – 11.15  COFFEE BREAK

11.15 – 13.00  Working groups meet.

13.00 – 14.30  LUNCH

14.30 – 15.15  Working groups meet

15.15 – 15.45  COFFEE BREAK

15.45 – 18.00  Working group meets
Friday, 4 August 2006

09.30 – 11.00  Preparation of working group reports on how the Authority’s participation might operate in practice.

11.00 – 11.30  COFFEE BREAK

11.30 – 12.30  Presentation of working group reports.

12.30 – 13:00  Presentation of working group reports

13.00 – 14.30  LUNCH

14.30 – 15.30  Final remarks and workshop closure

- Ambassador Satya N. Nandan, Secretary-General, International Seabed Authority