



Workshop on the Development of Standards and Guidelines for Activities in the Area

13-15 May 2019 | Department of International Relations and Cooperation | Pretoria, South Africa

Provisional Agenda*

Monday, 13 May 2019	
08h30 -09h00	Registration at registration desk, Conference Room I, O R Tambo Building, Department of International Relations and Cooperation, Pretoria
09h00 – 09h35	<p>Welcome remark (10 mins): Ambassador M Joyini, Deputy Director-General, Diplomatic Training, Research and Development (DIRCO)</p> <p>Opening remarks (5 mins each):</p> <ul style="list-style-type: none"> • Mr. Michael W. Lodge, Secretary-General, International Seabed Authority (ISA) • Mr Kgabo Mohoi, Director-General, Department of International Relations and Cooperation (DIRCO) • High Commissioner Lumka Yengeni, Permanent Representative of the Republic of South Africa to International Seabed Authority (ISA) and President of the Council of ISA (25th session) • Adv. Thabo Mokoena, Director-General. Department of Mineral Resources • Ms. Lowri Mai Griffiths, Head of Maritime Policy Unit , Foreign and Commonwealth Office, the United Kingdom
09h35 – 09h50	Objectives & ground rules for workshop: Yongsheng Cai, Senior Legal Officer, ISA (15 mins)
Objective Day 1	<p><i>To set the context / the role of standards and guidelines; what is the Authority seeking to deliver / what is the approach(es) taken by other regulators (The “What” -subject matter-)</i></p> <p><i>Output: revised and prioritized list of standards and guidelines</i></p>

Monday, 13 May 2019	
09h50-11h20	Moderator: Gavin Watson , Legal Counsellor, Foreign and Commonwealth Office, UK
	Primer on terminology Chris Brown, ISA Consultant (5 mins)
	Regulatory framework: where are we now? Where do we need to be? How are we going to get there? Chris Brown, ISA Consultant (15 mins)
	A risk-based approach to regulating extraction activities Becky Hitchin, Offshore Industries Advice Manager, Joint Nature Conservation Committee (20 mins)
	Regulators' use of standards, guidelines and other instruments Harald Brekke, Project Coordinator/Senior Geologist Norwegian Petroleum Directorate (20 mins)
	Specific examples of guidelines in a Canadian context Kenneth Wong, Legal Officer, Continental Shelf Division (JLC), Global Affairs Canada (20 mins)
	Status of China's Standards Development in the Deep-sea Field and Suggestions to the ISA on the Development of Standards and Guidelines for Activities in the Area Chengbing Song, Director, China Ocean Mineral Resources R&D Association (10 mins)
11h20-11h25	<i>Group photo</i>
11h25 -11h40	<i>Comfort break</i>
11h40 -12h30	<p>Panel discussion, sharing experiences of national and other approaches to using standards and guidelines in natural resource or environmental regulation (50 mins)</p> <p>Objective: to discuss regulatory approaches that best suit the International Seabed Authority as a regulator of natural resources and protection of the marine environment in the Area (driving questions under consideration)</p> <p>Kenneth Wong, Legal Officer, Continental Shelf Division (JLC), Global Affairs Canada (Chair of the panel)</p> <p>Mosa Mabuza, Chief Executive Officer, Council for Geoscience, RSA (Panel member)</p> <p>Setepane Mohale, Chief Director, Mineral Promotion and International Coordination, Department of Mineral Resources, RSA (Panel member)</p> <p>Sergio Hernández, Executive Director, Great Suppliers of the Mining Industry Association, Chile (Panel member)</p> <p>Harald Brekke, Project Coordinator/Senior Geologist Norwegian Petroleum Directorate (Panel member)</p> <p>David Carlin, Science Director, Centre for Environment, Fisheries & Aquaculture Science (Cefas), UK (Panel member)</p> <p>Q&A</p>
12h30 13h30	<i>Lunch break</i>

Monday, 13 May 2019	
13h30-13h40	Introduction to workshop session 1 (Chapi Mwango , Chief of the Contract Management Unit, ISA) (10 mins)
13h40-16h10	<p>Workshop session 1: Eight break-out groups (150 mins) To structure as a World Café-type discussion to address the 4 questions.</p> <p><i>Break-out 1: (i) Examine the draft list of documents and identify those which lend themselves to the development of standards. (ii) What additions or deletions should be made to the ISBA/25/C/3 list, with a particular focus on a comprehensive list of “environmental standards”?</i></p> <p><i>Moderators:</i> Kenneth Wong Legal Officer, Continental Shelf Division (JLC), Global Affairs Canada</p> <p style="padding-left: 40px;">Sergio Hernandez Executive Director, Great Suppliers of the Mining Industry Association, Chile</p> <p><i>Break-out 2: What existing resources exist that might be useful reference or source material for each of the items on the ISBA/25/C/3 list?</i></p> <p><i>Moderators:</i> Mark Alcock, Geoscience Australia</p> <p style="padding-left: 40px;">Mehdi Remaoun, First Secretary, Permanent Mission of Algeria to ISA</p> <p><i>Break-out 3: What are the indicators that a document will be mandatory or recommendatory?</i></p> <p><i>Moderators:</i> Setepane Mohale, Chief Director, Mineral Promotion and International Coordination, Department of Mineral Resources, RSA</p> <p style="padding-left: 40px;">Hannah Lily, Seabed Mining Project, The Pew Charitable Trusts</p> <p><i>Break-out 4: Review the suggested prioritized order of the items on the ISBA/25/C/3 list and suggest any amendments.</i></p> <p><u><i>Moderators:</i></u> Lowri Mai Griffiths, Head of Maritime Policy Unit , Foreign and Commonwealth Office, UK</p> <p style="padding-left: 40px;">Samantha Smith, Global Sea Mineral Resources</p>
16h10-16h40	<i>Comfort break</i>
16h40-17h30	<p>Plenary</p> <p>Moderator: Théophile Ndougsa Mbarga, Extractive Industry Monitoring Improvement Project, Cameroon</p> <p>Feedback / discussion on WS1 (40 mins)</p> <p>Wrap-up by Chapi Mwango, Chief, Contract Management Unit, ISA (10 mins)</p>

Provisional agenda

Day 2	Tuesday, 14 May 2019
09h00-09h20	Highlights from Day 1 (Chapi Mwango, Chief, Contract Management Unit, ISA) (10 mins)
	Objectives Day 2 (Yongsheng Cai, Senior Legal Officer) (10 mins)
Objective Day 2	<p><i>Mechanism for the development of standards and guidelines (the “How” (process))</i></p> <p><i>Output I: suggested flowchart process(es) for the development of standards and guidelines</i></p> <p><i>Output II: Developing content: expert needs; understanding the relationship(s) between technology and standard development, and science input</i></p>
09h20-10h50	Moderator: Mark Alcock , Geoscience Australia
	Process(es) for development: core objectives, principles & challenges Chapi Mwango, Chief, Contract Management Unit, ISA (10 mins)
	The ISO: role & process for developing standards Jiabiao Li, Chairperson of ISO/TC8/SC 13 (Marine Technology)(20 mins)
	Perspectives on good process and lessons learned Karsten Hagenah, Senior Project Manager, DNV GL (20 mins)
	Engaging industry in the standard development process Jennifer Warren, United Kingdom Seabed Resources Ltd. (20 mins)
	Practices and process in the IMO for guideline development David Carlin, Science Director, CEFAS (20 mins)
10h50-11h10	<i>Comfort break</i>
11h10-11h20	Introduction to workshop session 2 (Chapi Mwango , Chief, Contract Management Unit, ISA)(10 mins)
11h20-12h30	<p>Workshop session 2: designing a process(es) for technical standard and guideline development (<i>output of working groups to be flowchart based</i>) (70 min)</p> <p>Questions: Who initiates the process? Who develops the content of the standards and guidelines? What could be the recommended content of such standards and guidelines (can a template be developed)? Who reviews the content (including the process for review)? And Who approves the content?</p> <p>Discussion will be conducted in two groups on the questions above.</p> <p>Moderator for Group One: Hannah Lily, Seabed Mining Project, The Pew Charitable Trusts</p>

Day 2	Tuesday, 14 May 2019
	Moderator for Group Two: Annemiek Vink , Federal Institute for Geosciences and Natural Resources, Germany Rapporteur for Group One: Joshua Tuhumwire , Gondwana Geoscience Consulting Limited, Uganda; Rapporteur for Group Two: Chris Brown , ISA Consultant
12h30-13h30	Lunch
13h30-14h50	Plenary: Moderator: Chapi Mwango Feedback from WS2 (Joshua Tuhumwire , Gondwana Geoscience Consulting Limited, Uganda) (20 mins) Feedback from WS2 (Chris Brown , ISA Consultant) (20 mins) Facilitated discussion on process (40 mins)
14h50-15h30	Moderator: Tevita Suka Mangisi , Deputy Permanent Representative of Tonga to the United Nations
	The relationship between standards and engineering: an engineer's perspective Jon Machin, Deep Green (20 mins)
	Science in standards development Amber Cobley, Deep Ocean Stewardship Initiative (20 mins)
15h30-15h50	Comfort Break
15h50-17h20	Considerations and perspectives from an environmental practitioner , Samantha Smith, Global Sea Mineral Resources (20 mins)
	Electronic compliance for critical infrastructure monitoring , Carl Van Wyk, OSIsoft (30 mins)
	Q&A for the afternoon presentations (30 mins)
	Wrap up day 2 [Yongsheng Cai , Senior Legal Officer, ISA] (10 mins)

Provisional agenda

Day 3	Wednesday, 15 May 2019
09h00-09h20	Highlights from Day 2 (Yongsheng Cai, Senior Legal Officer, ISA) (10 mins)
	Objectives Day 3 (Chapi Mwangi, Chief, Contract Management Unit, ISA) (10 mins)
Objective Day 3	<i>Developing content: “environmental standards” focus and the “when” (delivery)”</i> <i>Outputs: (1) Designing environmental standards; (2) Indicative timelines for the delivery of standards and guidelines and resource needs</i>
09:20-09:30	Introduction to workshop session 4 (Yongsheng Cai , Senior Legal Officer, ISA) (10 mins)
09:30-11:10	Workshop session 3: designing environmental standards (this session needs to address the specific issues, resources and challenges in the development of environmental standards in particular: output to feed into subsequent technical workshop(s)) (100 mins) Discussion will be conducted in two groups on questions to be developed. Moderator for Group One: Gordon Paterson , Natural History Museum, Department of Life Science, UK Moderator for Group Two: Malcolm Clark , National Institute of Water & Atmospheric Research Ltd, New Zealand Rapporteur for Group One: Alison Swaddling , Commonwealth Secretariat Rapporteur for Group Two: Amber Cobley , Deep Ocean Stewardship Initiative
11h10-11h30	<i>Comfort break</i>
11h30-12h30	Plenary: Moderator: Eliah Ralushai , Council for Geoscience, RSA Feedback from WS3 (Alison Swaddling , Commonwealth Secretariat) (15 mins) Feedback from WS3 (Amber Cobley , Deep Ocean Stewardship Initiative) (15 mins) Facilitated discussion on process (30 mins)
12h30-13h30	<i>Lunch</i>

13h30-13h40	Introduction to workshop session 4 (Chapi Mwango, Chief, Contract Management Unit, ISA) (10 mins)
13h40-13h55	Review of Development Phases and Priorities for Each Phase, Chris Brown , ISA Consultant (15 mins)
13h55-14h55	<p>Workshop session 4: Revisiting indicative timelines for delivery and resource needs (60 min)</p> <p>Discussion will be held in two groups.</p> <p>Moderator for Group One: Graham Leung, Secretary, Justice and Border Control, Department of Justice</p> <p>Rapporteur for Group One: Rose Lesley Kautoke, Legal Counsel, Permanent Mission of Tonga to the United Nations</p> <p>Moderator for Group Two: Pedro Madureira, Portuguese Task Group for the Extension of the Continental Shelf</p> <p>Rapporteur for Group Two: Tomoko Tauchi, Deep Ocean Resources Development Co. Ltd.</p>
14h55-15h45	<p>Plenary: Moderator: Solomon Korbieh, Permanent Mission of Ghana to the United Nations</p> <p>Feedback from WS4 (Rose Lesley Kautoke, Legal Counsel, Permanent Mission of Tonga to the United Nations) (15 mins);</p> <p>Feedback from WS4 (Tomoko Tauchi, Deep Ocean Resources Development Co. Ltd.) (15 mins)</p> <p>Facilitated discussion on process (20 mins)</p>
15h45-16h05	<i>Comfort break</i>
16h05-16h55	<p>Panel discussion: facilitated discussion on Pulling it all together (30 min)</p> <p>Wrap-up / key takeaways, key issues for ISA Council and Commission consideration</p> <p>Moderator: Mehdi Remaoun, First Secretary, Permanent Mission of Algeria to ISA</p> <p>Chris Williams United Kingdom Seabed Resources (Panel member)</p> <p>Diva Amon Deep Ocean Stewardship Initiative (Panel member)</p> <p>Malcolm Clark National Institute of Water & Atmospheric Research Ltd, New Zealand (Panel member)</p> <p>Mark Alcock Geoscience Australia (Panel member)</p> <p>Tevita Suka Mangisi, Deputy Permanent Representative of Tonga to the United Nations (Panel member)</p> <p>Urs Engels, Deputy Head of Division, Federal Ministry of Economic Affairs & Energy, Germany (Panel member)</p> <p>Q&A (20 mins)</p>

16h55-17h10	<p>Closing remarks (15 mins):</p> <ul style="list-style-type: none">• Mr. Michael W. Lodge, Secretary-General, ISA• Ms Lindiwe Mekwe, Acting Chief Executive Officer, Petroleum Agency, RSA• Mr Mosa Mabuza, Chief Executive Officer, Council for Geoscience, RSA
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* The Provisional Agenda is subject to further adjustments.