



Legal and Technical Commission

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Twenty-sixth session

Legal and Technical Commission session, part II

22 March–1 July 2021*

**Status of the implementation of training programmes
under plans of work for exploration and the allocation of
training opportunities**

Selection of candidates for training programmes under plans of work for exploration

Recommendations by the Legal and Technical Commission

1. Between December 2019 and March 2021, the secretariat received or re-advertised training proposals submitted by the following eight contractors pursuant to their contracts for exploration with the International Seabed Authority. The proposal of the Ministry of Earth Sciences of India was re-advertised in order to supplement the selection of 4 of the 10 candidates, and the following seven contractors submitted proposals: China Ocean Mineral Resources Research and Development Association (COMRA) (polymetallic sulphides and nodules contracts), Nauru Ocean Resources Inc. (NORI), Institut français de recherche pour l'exploitation de la mer (Ifremer) (polymetallic sulphides and nodules contracts), the Ministry of Natural Resources and Environment of the Russian Federation, Global Sea Mineral Resources NV (GSR), Tonga Offshore Mining Limited (TOML) and Marawa Research and Exploration Ltd. (see annex I).
2. To accommodate the scheduling demands for the training opportunities offered, the Commission, in accordance with the recommendations of the training subgroup, selected the candidates for the training programme offered by the Ministry of Natural Resources and Environment of the Russian Federation before the commencement of part II of the twenty-sixth session (see annex II).
3. Owing to challenges arising from the coronavirus disease (COVID-19) pandemic, the Commission, in accordance with its recommendations contained in [ISBA/26/C/12/Add.1](#), paras. 5 and 6, invited COMRA (polymetallic sulphides and nodules contracts), NORI and Ifremer (polymetallic sulphides and nodules contracts) to postpone or modify their training schedules in consultation with the secretariat.
4. During the second part of the twenty-sixth session, the Commission, in accordance with the recommendations of the training subgroup, selected the candidates for the remaining three training programmes offered by GSR, Marawa Research and Exploration Ltd. and TOML (see annex III).

* Resumed meetings of part II of the twenty-sixth session of the Legal and Technical Commission, to be held in the virtual format.



5. Candidates were selected on the basis of the criteria provided by all contractors. Due regard was paid to gender balance and equitable geographical distribution, with particular attention given to the interests and needs of landlocked and geographically disadvantaged developing States, as requested by the Council in a decision adopted at the twentieth session ([ISBA/20/C/31](#), para. 6).

Annex I

Training proposals offered by contractors for which selection process was completed¹

<i>Date of receipt</i>	<i>Contractor</i>	<i>Exploration contract</i>	<i>Type of training</i>	<i>Places</i>	<i>Scheduled training time</i>	<i>Duration of training</i>	<i>Applications received</i>
31 December 2019	Ministry of Earth Sciences, India	Polymetallic nodules	At-sea on-board and laboratory training (re-advertised)	4	July–October 2020	3 months	0
28 February 2020	China Ocean Mineral Resources Research and Development Association	Polymetallic nodules	Fellowships	3	Mid-October 2020 to January 2021	3 months	8
			Engineering	7	Mid-October to November 2020	1 month	1
28 February 2020	China Ocean Mineral Resources Research and Development Association	Polymetallic sulphides	Fellowships	2	Mid-October 2020 to January 2021	3 months	4
			Engineering	2	Mid-October to November 2020	1 month	1
7 May 2020	Nauru Ocean Resources Inc.	Polymetallic nodules	Master's degree University of the South Pacific (USP)	1	January 2021	18 months	4
21 May 2020			Engineering internship (re-advertised)	2	2021 (exact date to be confirmed)	4–6 weeks	7
17 June 2020	Institut français de recherche pour l'exploitation de la mer	Polymetallic sulphides	Internships (workshop)	3	29 September to 2 October 2020	4 days	3
17 June 2020	Institut français de recherche pour l'exploitation de la mer	Polymetallic nodules	Internship	1	Mid-October to mid-December 2020	2 months	0
16 July 2020	Ministry of Natural Resources and Environment, Russian Federation	Polymetallic sulphides	Theoretical training (virtual)	4	Mid-October to November 2020	2 weeks	8
18 January 2021	Global Sea Mineral Resources NV	Polymetallic nodules	Seminar training	1	October 2021	2 weeks	8
			Master's degree, marine and lacustrine science and management programme (re-advertised)	2 ^a	September 2021 to June 2023	2021–2023	8
			Master's degree, EMerald programme (re-advertised)	1	September 2021 to June 2023	2021–2023	44

¹ Details of current and past training proposals can be found at <https://isa.org.jm/training/contractor-training>.

<i>Date of receipt</i>	<i>Contractor</i>	<i>Exploration contract</i>	<i>Type of training</i>	<i>Places</i>	<i>Scheduled training time</i>	<i>Duration of training</i>	<i>Applications received</i>
18 December 2020	Tonga Offshore Mining Limited	Polymetallic nodules	At-sea on-board training	2	November 2021	6 weeks	35
4 February 2021			At-sea on-board training (International Seabed Authority staff)	1	November 2021	6 weeks	—
18 March 2021	Marawa Research and Exploration Ltd.	Polymetallic nodules	At-sea on-board training	2	June 2021 (to be confirmed)	3 weeks	34

^a GSR agreed to fund an additional candidate for 2021, on an exceptional basis.

Annex II

Result of selection of candidates conducted before part II of the twenty-sixth session

Ministry of Natural Resources and Environment of the Russian Federation

<i>Name</i>	<i>Gender</i>	<i>Country of origin</i>
<i>First-ranked candidates</i>		
1. Md Zakaria	Male	Bangladesh
2. Gregorio Díaz Torres	Male	Argentina
3. Ndeenda Ekandjo	Female	Namibia
4. Mst Tania Islam	Female	Bangladesh
<i>Alternates</i>		
Acer Jian T. Figueroa	Male	Philippines

Annex III

Result of selection of candidates conducted during part II of the twenty-sixth session

Global Sea Mineral Resources NV (GSR)

<i>Name</i>	<i>Gender</i>	<i>Country of origin</i>
<i>First-ranked candidate (professional training)</i>		
Mohamed M. A. Elsaied	Male	Egypt
<i>Alternate</i>		
Augustine Brown Ohas	Male	Nigeria
<i>First-ranked candidate (Master's degree, marine and lacustrine science and management programme)</i>		
1. Maria Camila León Duque	Female	Colombia
2. Amina Ochora Makori	Female	Kenya
<i>Alternate</i>		
Jeremy Bairon Donaire Zamora	Male	Chile
<i>First-ranked candidate (EMerald master's programme)</i>		
Iyani Inumi J. S. Muthukuda Arachchige	Female	Sri Lanka
<i>Alternate</i>		
Fuad W. Nawawi	Male	Indonesia

Marawa Research and Exploration Ltd.

<i>Name</i>	<i>Gender</i>	<i>Country of origin</i>
<i>First-ranked candidates</i>		
1. Jude Ofosu	Male	Ghana
2. Patricia Sarcinelli Stelzer	Female	Brazil
<i>Alternates</i>		
1. Md. Mostafa Monwar	Male	Bangladesh
2. Mariana Cullell Delgado	Female	Costa Rica
3. Miriam Chantal Rodríguez Lanza	Female	Mexico
4. Julianto H. Hamonangan	Male	Indonesia

<i>Name</i>	<i>Gender</i>	<i>Country of origin</i>
5. Joaquim Bento	Male	Brazil
6. Ticin Taebo	Female	Kiribati

Tonga Offshore Mining Limited (TOML)

<i>Name</i>	<i>Gender</i>	<i>Country of origin</i>
<i>First-ranked candidates</i>		
1. Paola Andrea Quintero	Female	Colombia
2. Md. Mostafa Monwar	Male	Bangladesh
<i>Alternates</i>		
1. Kilrick Pelobule	Male	Solomon Islands
2. Maria Emilia Bravo	Female	Argentina
3. Ana Carolina Ferreira Dominguez	Female	Brazil
4. Chidinma Nwoko	Female	Nigeria