



## Legal and Technical Commission

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### Twenty-seventh session

Legal and Technical Commission session, part II

Kingston, 4–15 July 2022

Agenda item 5

### 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. Since Part I of the twenty-seventh session of the Commission, 31 training placements have been successfully implemented for the benefit of candidates from developing States.<sup>1</sup> A total of 20 placements are currently in progress and 10 are pending, while 4 were not filled owing to the unavailability of trainees. A total of 20 selected placements continue to be affected by travel restrictions and other challenges related to the coronavirus disease (COVID-19) pandemic.

2. Of the training opportunities, 16 were for at-sea on-board training, 7 were degree programmes and 8 were for internships and professional training, while 39 were for theoretical training (2 on-site and the rest conducted virtually owing to travel restrictions related to the pandemic. A further breakdown of the figures shows that, regionally, 32 trainees were from Africa, 27 from Asia and the Pacific, 9 from Latin America and the Caribbean and 2 from observer States. Nine of the placements went to candidates from least developed countries, six from small island developing States and three from countries classified as both least developed countries and small island developing States. From a gender perspective, 38.6 per cent (27) of all trainees were women.

3. Since March 2022, a total of 15 training opportunities were offered by five contractors pursuant to their contracts for exploration with the Authority. Among these were: four multidisciplinary training placements by Interoceanmetal Joint Organization (IOM), one internship by Ocean Mineral Singapore Private Limited (OMS), one undergraduate scholarship by Nauru Ocean Resources Inc. (NORI), two at-sea on-board placements by the Government of Poland and seven internship placements by Institut français de recherche pour l'exploitation de la mer (Ifremer)

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<sup>1</sup> See [ISBA/26/LTC/3](#), [ISBA/26/LTC/9](#) and [ISBA/27/LTC/5](#).



(one under the contract for nodules and six under the contract for sulphides) (see annex I).

4. In addition, the selection that was pending for the eight placements offered by Companhia de Pesquisa de Recursos Minerais S.A. (CPRM)<sup>2</sup> was finalized (see annex I).

5. To accommodate the scheduling demands for the training programmes, the Commission, on the basis of the recommendations of the training subgroup, selected candidates for the IOM, NORI and Government of Poland programmes prior to the commencement of Part II of the twenty-seventh session (see annex II). The selections for the latter two were done using the fast-track method outlined in paragraphs 11 to 13 of [ISBA/20/LTC/13](#). Conversely, owing to the low number of applications, the OMS internship was recommended for re-advertisement.

6. During Part II of the twenty-seventh session, the Commission, on the basis of the recommendations of the training subgroup, selected the candidates for the three remaining training programmes offered by Ifremer (contacts for nodules and sulphides) and CPRM (see annex III).

7. Candidates were selected on the basis of the criteria provided by contractors. Due consideration was given to gender balance and equitable geographical distribution, with particular attention given to the interests and needs of the least developed countries, landlocked developing countries and small island developing States, as requested by the Council in a decision adopted at the twentieth session ([ISBA/20/C/31](#), para. 6) and reiterated in the decision of the Assembly relating to the implementation of a programmatic approach to capacity development ([ISBA/26/A/18](#)), adopted at the twenty-sixth session.

8. A breakdown of the selection figures shows that, regionally, of the 22 candidates selected, 10 were from the African group, 4 from the Asia-Pacific group and 8 from the group of Latin American and Caribbean States. One selected candidate was from a least developed country, one was from a landlocked developed country and two were from small island developing States. Among the candidates, 45.5 per cent (10) were women (see annexes II and III).

9. Contractors continue to contribute positively to the implementation of the Women in Deep-Sea Research project. For the current reporting period, three of the seven contractors (NORI, CPRM and Ifremer) pledged 50 per cent of their training opportunities to women (see annex I).

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<sup>2</sup> See [ISBA/27/LTC/5](#).

## Annex I

Training proposals offered by contractors for which selection process was completed<sup>a</sup>

<i>Date of receipt</i>	<i>Contractor</i>	<i>Exploration contract</i>	<i>WIDSR pledge</i>	<i>Type of training</i>	<i>Places</i>	<i>Scheduled training time</i>	<i>Duration of training</i>	<i>Applications received</i>
14 December 2021	Companhia de Pesquisa de Recursos Minerais S.A.	Cobalt-rich ferromanganese crusts	Yes	At-sea on-board training	8	November 2022	25 days	31 <sup>b</sup>
17 January 2022	Interoceanmetal Joint Organization	Polymetallic nodules	–	Multidisciplinary training	4	September–October 2022	6 weeks	18
24 January 2022	Ocean Mineral Singapore Private Limited	Polymetallic nodules	–	Internship (virtual)	1	May–August 2022	3 months	1
14 March 2022	Nauru Ocean Resources Inc.	Polymetallic nodules	Yes	Undergraduate scholarship	1	March 2022	3 years	– <sup>c</sup>
4 June 2021	Government of Poland	Polymetallic sulphides	–	At-sea on-board training	2	August 2022	35 days	– <sup>d</sup>
28 April 2022	Institut français de recherche pour l'exploitation de la mer	Polymetallic nodules	Yes	Internships (environmental studies)	1	Mid-October–mid-December 2022	2 months	4
28 April 2022	Institut français de recherche pour l'exploitation de la mer	Polymetallic sulphides	Yes	Internships (workshop)	6	3–7 October 2022	5 days	14

*Abbreviation:* WIDSR, Women in Deep-Sea Research project.

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

<sup>b</sup> See para. 4 above. Training was rescheduled after Part I to November 2022.

<sup>c</sup> See para. 5 above.

<sup>d</sup> Ibid.

## Annex II

### Result of selection of candidates conducted before Part II of the twenty-seventh session

#### Interoceanmetal Joint Organization (IOM)

<i>Name</i>	<i>Gender</i>	<i>Country of origin</i>	<i>Country classification</i>
<i>First-ranked candidates</i>			
1. Tremaine Bowman	Female	Trinidad and Tobago	SIDS
2. Georges M. Kasay	Male	Democratic Republic of the Congo	LDC
3. Josiah Stephen	Male	Nigeria	
4. Bunyaminu Isah	Male	Nigeria	
<i>Alternates</i>			
1. Hermes Martín García Rodríguez	Male	Mexico	
2. Rajib Kumar Saha	Male	Bangladesh	LDC
3. M. Mostafa Monwar	Male	Bangladesh	LDC
4. Jeffrey Mensah Woode Nketiah	Male	Ghana	

#### Nauru Ocean Resources Inc. (NORI)

<i>Name</i>	<i>Gender</i>	<i>Country of origin</i>	<i>Country classification</i>
<i>First-ranked candidate</i>			
1. Ometa Tauru	Female	Kiribati	SIDS

#### Government of Poland

<i>Name</i>	<i>Gender</i>	<i>Country of origin</i>	<i>Country classification</i>
<i>First-ranked candidates</i>			
1. David E. Mbaga	Male	United Republic of Tanzania	
2. Taspiya Hamid	Female	Bangladesh	LDC
<i>Alternates</i>			
1. Muhyideen Hamza	Male	Nigeria	
2. Joel Olayide Amosun	Male	Nigeria	

## Annex III

### Result of selection of candidates conducted during Part II of the twenty-seventh session

#### Institut français de recherche pour l'exploitation de la mer (Ifremer) (polymetallic nodules)

<i>Name</i>	<i>Gender</i>	<i>Country of origin</i>	<i>Country classification</i>
<i>First-ranked candidate</i>			
1. Santosh Gaikwad	Male	India	
<i>Alternates</i>			
1. Abdulqadir Omar Ziyad	Male	Somalia	LDC
2. Rajib Kumar Saha	Male	Bangladesh	LDC

#### Institut français de recherche pour l'exploitation de la mer (Ifremer) (polymetallic sulphides)

<i>Name</i>	<i>Gender</i>	<i>Country of origin</i>	<i>Country classification</i>
<i>First-ranked candidates</i>			
1. Chidinma Jecinta Nwoko	Female	Nigeria	
2. Thamsanqa Wanda	Male	South Africa	
3. Kiamuke Itiowe	Male	Nigeria	
4. Francis Ngonyo Gandi	Male	Kenya	
5. Ndeenda Ekandjo	Female	Namibia	
6. Solomon Mordi	Male	Nigeria	
<i>Alternates</i>			
1. Popoola Samuel Olatunde	Male	Nigeria	
2. Joel Amosun	Male	Nigeria	

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**Companhia de Pesquisa de Recursos Minerais S.A. (CPRM)**


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<i>Name</i>	<i>Gender</i>	<i>Country of origin</i>	<i>Country classification</i>
<i>First-ranked candidates</i>			
1. Carmen Astrid Lopez Castillo	Female	Mexico	
2. Clemence T. Mudzema	Male	Zimbabwe	LLDC
3. Iliesa Bacita	Male	Fiji	SIDS
4. Teresa Vidal Vidal-Juarez	Female	Mexico	
5. Emmanuel Angel Cabrera Navarrete	Male	Mexico	
6. Eric Alonso Rubi Vite	Male	Mexico	
7. Lavoisiane F. Souza	Female	Brazil	
8. Narelle Maia de Almedia	Female	Brazil	
<i>Alternates</i>			
1. Alwin Jay D. Robel	Male	Philippines	
2. Veronica J. Silva	Female	Brazil	
3. Mauro S. Koga	Male	Brazil	
4. Lucas M. Guimaraes	Male	Brazil	

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*Abbreviations:* LDC, least developed country; LLDC, landlocked developing country; SIDS, small island developing State.

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