

ISA Training Programme

--Current training opportunities and Endowment Fund

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Part I

Current Training Opportunities



Training requirements under the Regulations

- * regulation 27 of the Nodules Regulations
- * regulation 29 of the Sulphides Regulations
- * regulation 29 of the Crusts Regulations
- “Pursuant to article 15 of annex III to the Convention, each contract shall include as a schedule a practical programme for the training of personnel of the Authority and developing States and drawn up by the contractor in cooperation with the Authority and the sponsoring State or States. Training programmes shall focus on training in the conduct of exploration, and shall provide for full participation by such personnel in all activities covered by the contract. Such training programmes may be revised and developed from time to time as necessary by mutual agreement.”



Section 8 of the standard clauses for exploration contracts

- “8.1 In accordance with the Regulations, the Contractor shall, prior to the commencement of exploration under this contract, submit to the Authority for approval proposed training programmes for the training of personnel of the Authority and developing States, including the participation of such personnel in all of the Contractor’s activities under this contract.
- “8.2 The scope and financing of the training programme shall be subject to negotiation between the Contractor, the Authority and the sponsoring State or States.
- “8.3 The Contractor shall conduct training programmes in accordance with the specific programme for the training of personnel referred to in section 8.1 hereof approved by the Authority in accordance with the Regulations, which programme, as revised and developed from time to time, shall become a part of this contract as schedule 3.”



General Questions

- Trained in what?
- Who is to be trained?
- Who decides who is to be trained?
- How is financed?
- How long does training last?
- Where does the Training Programme fit in overall Contractor's schedule
- Who are the key players in this process



Three General Categories of Training

1. At-sea training
2. Bursaries and fellowships
3. Engineering training



Training opportunities in 2013/2014

- TOML
 - ✓ 2013 for 2 trainees, nodules exploration at-sea training
- COMRA
 - ✓ 2014 for 4 trainees, sulphides exploration at-sea training
- BGR
 - ✓ 2014 for 2 trainees, nodules exploration at-sea training



Nomination and Application

- ❖ 30 nominations from 13 States
 - Africa: Cameroon (1), Egypt (1) and Zambia (1)
 - Asia and Pacific: China (2), Cook Islands (3), Indonesia (1) Kiribati (1), Pakistan (2), Papua New Guinea (3), Thailand (6)
 - Latin America and Caribbean: Argentina (6), Jamaica (1) Mexico (2)
- ❖ 37 application in response to general call in Feb. 2012 with 15 expressing interest in the at-sea training



TOML and BGR Training Programme

- ❖ Selection of candidates by the Commission

- TOML

- First-ranked candidates:

1. Dody Darmawan (Indonesia)
2. Paul Poloka (Papua New Guinea)

- Alternates:

1. Syed Waseem Haider (Pakistan)
2. Benjamine Titus (Vanuatu)

- BGR

- First-ranked candidates:

1. Khaled Sinoussy Mohamed (Egypt)
2. Daniel Armando Pérez-Calderón (Mexico)

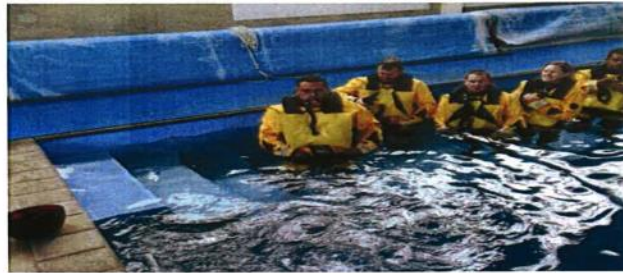
- Alternates:

1. Lei Qiu (China)
2. Renee S. McDonald (Jamaica)



TOML Training Programme

TONGA OFFSHORE MINING LIMITED



Dody (Indonesia) and Paul (Papua New Guinea) attending TOML training programme

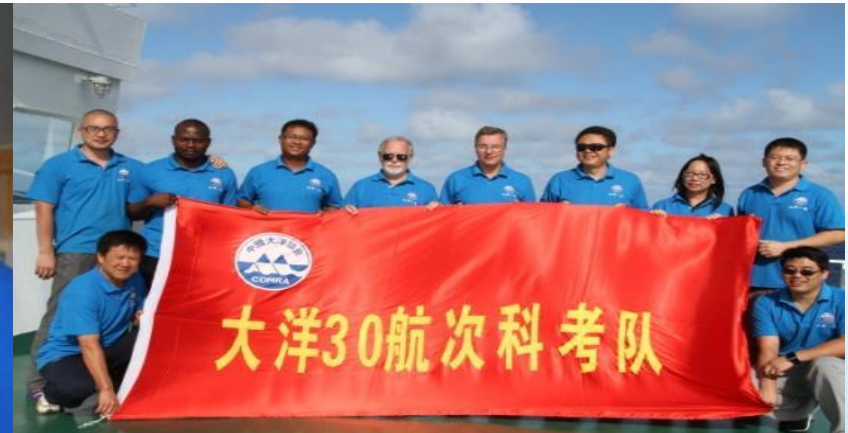
Selection of Candidates by the Commission in July 2013

➤ COMRA

- First-ranked candidates:
 1. Dieudonne Tchokona Seuwui (Cameroon)
 2. Gerald Mwila (Zambia)
 3. Tearinaki Tanielu (Kiribati)
 4. Analia Veronica Serra (Argentina)
- Alternates:
 1. Apichai Kanchanapant (Thailand)
 2. Tiena Rongo (Cook Islands)
 3. Apitida Wasuwatcharapong (Thailand)
 4. Robert Kibiwot (Kenya)



COMRA Training Programme



- Tchokona (Cameroon) and Apicha (Thailand) attending COMRA at-sea exploration for sulphides



Recommendations by the Commission

- Recommendations for the guidance of contractors and Sponsoring States relating to training programmes under plans of work for exploration (ISBA/19/LTC/14)
- ✓ The contractors should, as a minimum, provides for the training equivalent of at least 10 trainees during each five-year period of the contract.
- ✓ Identify additional training opportunities that may arise during the contract period.



Contracts and Applications

Contracts/Approved Applications	Year	Pending Applications	Year
NORI	2011	Russian Federation	2013
TOML	2012	UK SRL II	2013
COMRA	2012	India	2013
Russian Federation	2012	Singapore	2013
UK SRL I	2013	CIIC	2013
MARAWA	2012 (a)	BGR	2013
G-TEC	2012	CPRM	2013
Republic of Korea	2012(a)		
IFREMER	2012 (a)		
COMRA	2013 (a)		
JOGMEC	2014		



Anticipated Training Opportunities

- Between 2011 and 2015, 18 contracts have been or will be signed with the Authority.
- Every five-year period of work programme of each contract will provide 10 training opportunities.
- Between 2012 to 2020, 180 training opportunities will be provided.



JOGMEC Training Programme in 2015

- Japan Oil, Gas, and Metals National Corporation (JOGMEC) is scheduling an at-sea exploration training programme in 2015 for three trainees from the developing States, according to the contract for exploration for cobalt-rich ferromanganese crusts between the International Seabed Authority and JOGMEC.
- **Dates and duration of training**
 - ✓ The training programme is planned between May and June in 2015 for duration of 40 days: 3 days for the pre-cruise training, 30 days for the at-sea training and 7 days for the post-cruise training.



JOGMEC Training Programme in 2015

➤ Contents of the training programme

The training programme will have three phases: pre-cruise training, at-sea training and post-cruise training.

- Pre-cruise training will consist of the planning of research activities and on-board works.
- At-sea training will include rock core sampling, handling and analysis of samples as well as research report writing.
- Post-cruise training will be provided in cooperation with Japanese institutions which are specialized in marine geology, deep sea mineral resources, with a view to give the trainees more detailed analytical experience of geochemical components and physical properties for rock samples which are acquired during the research cruise.



➤ JOGMEC Training Programme in 2015

➤ **General qualifications of candidates**

- ✓ Hold a graduate degree in science or engineering in the relevant field of geology, geophysics, mineral processing, mining or have an equivalent educational background;
- ✓ Have at least one year of work experience in the relevant field;
- ✓ Have sufficient knowledge of English for daily conversation and training;
- ✓ Have a good mental and physical health, suitable to work at sea;
- ✓ Be less than 40 years of age; and
- ✓ Have seagoing experience.

➤ **Cost-bearing**

- ✓ A round-trip airline ticket (economy class)
- ✓ Local travel, meals and accommodations in Japan and on-board within the scope of the training programme
- ✓ Travel insurance with medical coverage.



UKSRL Training Programme

- At least two (2) students who are citizens of developing nations through a four (4) year PhD course at the world-renowned Plymouth University Marine Institute
- Each sponsored student would be enrolled in Plymouth's Doctoral Training Centre (DTC) in Marine Science and Engineering (MSE).
- Total per-student anticipated costs will be £100,000 inclusive of tuition fees, a student stipend, and bench fee.
- The details of the PhD training programme to be publicized in due course



COMRA Training Programme in 2015/16

- ❖ Schedule 3 of Sulphides Contract
 - Five-month graduate training fellowships for 2 developing State nationals (timing not specified)
 - deep-sea engineering training programme for 2 engineers from developing countries with duration between 4-6 weeks



How to Apply

➤ **Nomination**

- ✓ An Nomination Form completed by the nominating government;
- ✓ An Application Form completed by the candidate;

Nomination and application forms can be downloaded from the ISA website (<http://www.isa.org.jm/training>).

➤ **Submission**

- ✓ In one of the official languages of the Authority
- ✓ In electronic format to: training@isa.org.jm

➤ For JOGMEC Training Programme in 2015

- Nominations should be received by 15 June 2014.
- Nominations received after that date will not be considered for this training programme, but would be taken into consideration for other future training opportunities of this kind.



Part II

Endowment Fund



Establishment and Purpose

- ❖ The Assembly of the Authority adopted a Resolution establishing an endowment fund for marine scientific research in the Area (ISBA/12/A/11), on 16 August 2006.
- ❖ The purpose of the Fund
 - To promote and encourage the conduct of marine scientific research in the Area for the benefit of mankind as a whole, in particular by supporting the participation of qualified scientists and technical personnel from developing countries in marine scientific research programmes and by providing them with opportunities to participate in international technical and scientific cooperation, including through training, technical assistance and scientific cooperation programme.



Advisory Panel

- Six to nine eminent persons in the law of the sea and its implementation
- Appointed by Secretary-General for periods of three years
- For the purpose of evaluating applications and making recommendations for the award of assistance from the Fund
- The Secretary-General will provide financial assistance from the Fund on the basis of the recommendation of the Advisory Panel



Membership of the Advisory Panel

- ❖ Membership of the Advisory Panel
 - Composed of
 - a) Permanent representatives to the Authority
 - b) Representatives of educational institutions or organizations of an international character
 - c) Individuals closely associated with the work of the Authority
 - Panel for 2011-2014:
 - ✓ Dr. Gregory Cherkashov (Russian Federation)
 - ✓ Dr Yves Fouquet (France)
 - ✓ H.E. Lim Kimo (Republic of Korea)
 - ✓ H.E. Clesa Nuño (Spain)
 - ✓ H.E. Iva Camille Gloudon (Trinidad and Tobago)
 - ✓ H.E. Mathu Joyini (South Africa)
 - ✓ Dr Gordon Paterson (UK)



11th Meeting of the Panel

- Held on 10 February 2014 at the Headquarters of the Authority
- Agenda
 - ✓ Review of the implementation of previous decisions
 - ✓ Selection of candidates for SWIR training programme
 - Ms Renee McDonald (Jamaica)
 - Mr. Abulkarim Rabiou (Nigeria)
 - ✓ Review and consideration of new application from Rhodes Academy of Ocean Law and Policy



Financial Status

❖ Financial Status (as of March 31 2014)

➤ Total Capital	3,407,038
✓ Initial capital as of August 18 th 2006	2631,803
✓ UK contribution, 16 May 2008	29,800
✓ Mexico contribution, 6 Oct 2008	2,500
✓ Spain contribution, 5 Nov 2008	25,514
✓ Norway contribution, 25 Aug 2009	250,000
✓ FDR Germany application fee & interest	276,719
✓ UK contribution, 22 Mar 2010	15,253
✓ Interest not spent (2009,2010)	22,949
✓ Nigeria contribution, 22 Jun 2011	10,000
✓ Mexico contribution, 7 Sep 2011	2,500
✓ Japan contribution, 15 Sep 2011	100,000
✓ UK contribution, 17 Jan 2012	20,000
✓ Mexico contribution, 8 Nov 2012	5,000
✓ UK Contribution, 18 July 2013	10,000
➤ Mexico contribution, 10 Sep 2013	5,000
➤ Total cumulated interest	468,485
➤ Total expenditure	413,932
➤ Available funds to be used	54,554
➤ Scheduled expenditure in 2014	50,000



Summary of Projects

Project	Number of Beneficiaries	Countries of Beneficiaries
InterRidge I	1	India
Rhodes I	9	Bangladesh, China, Egypt, Guyana, Indonesia, Mauritania, Philippines, Thailand, Vietnam
TAP-MAR I	3	Argentina, Nigeria, Sri Lanka
SMS	1	Papua New Guinea
TAP-MAR II	4	Costa Rica, Egypt, Papua New Guinea, South Africa
Rhodes II	6	Brazil, Columbia, Egypt, Jamaica, Madagascar, Palau
InterRidge II	3	Cameroon, India, Mauritius
Rhodes III	8	China, Indonesia, Malta, Philippines, Sierra Leone, Suriname, Trinidad
InterRidge III	3	Mauritius, India



Summary of the Projects

Project	Number of Beneficiaries	Countries of Beneficiaries
Rhodes IV	6	China, Fiji, Namibia, Peru, Philippines, Tunisia
INDEEP	6	Brazil, Columbia, India, Mauritius, Namibia, Russia
InterRidge IV	3	China, India, Papua New Guinea
Rhodes V	4	Bolivia, Cook Island, Indonesia, Vietnam
InterRidge V	2	China, India
SWIR	2	Jamaica, Nigeria (in June 2014)
TOTAL	61	34



Challenges for the Fund

- More Funding
- More Projects
- More Candidates



THANK YOU

Any Question?

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