I. ANNEX

ISA Contract for Exploration Public Information Template

NORI NAURU OCEAN RESOURCES INC.	Type of resource: Polymetallic Nodules
	Name of Contractor: Nauru Ocean Resources Inc.
	Contract Start: July 22, 2011
Sponsoring State: **Republic of Nauru**	Contract End: July 22, 2026
	Location: Clarion- Clipperton Zone

Contents

Introduction

The information contained in this ISA Contract for Exploration – Public Information Template is made available to the public in response to the request by the Council of the ISA to make contracts publicly available, subject to restrictions on confidential information, industrial secrets and proprietary data.

The content of the present template is in accordance with the Regulations on Prospecting and Exploration for [*Polymetallic Nodules in the Area*] [*ISBA/19/C/17*] (the "Regulations").

1. Contract Information

Annex III of the Regulations.

Type of resource	Polymetallic Nodules
Name of Contractor	Nauru Ocean Resources Inc.
Contract Start	July 22, 2011
Contract End	July 22, 2026
Location	Clarion-Clipperton Zone
Contract Area (km^2)	74,830

2) Coordinates and Illustrative Chart of the Exploration Area

Schedule 1 of Annex III of the Regulations.

Exploration area located between:

Area A (8,924 Km^2)

	Latitude	Longitude
	13.0000 N	-134.583 W (the point of commencement)
Then to	13.0000 N	-134.250 W
Then to	12.5000 N	-134.250 W
Then to	12.5000 N	-134.067 W
Then to	12.1933 N	-134.067 W
Then to	12.1933 N	-133.833 W
Then to	11.5000 N	-133.833 W
Then to	11.5000 N	-134.377 W
Then to	12.0000 N	-134.377 W
Then to	12.0000 N	-134.583 W
Then to	13.0000 N	-134.583 W (being the point of commencement)

Area B (3,519 Km^2)

	Latitude	Longitude
	14.00000 N	-134.00000 W (the point of commencement)
Then to	14.00000 N	-133.25000 W
Then to	13.86670 N	-133.25000 W
Then to	13.86670 N	-133.20000 W
Then to	13.58010 N	-133.20000 W

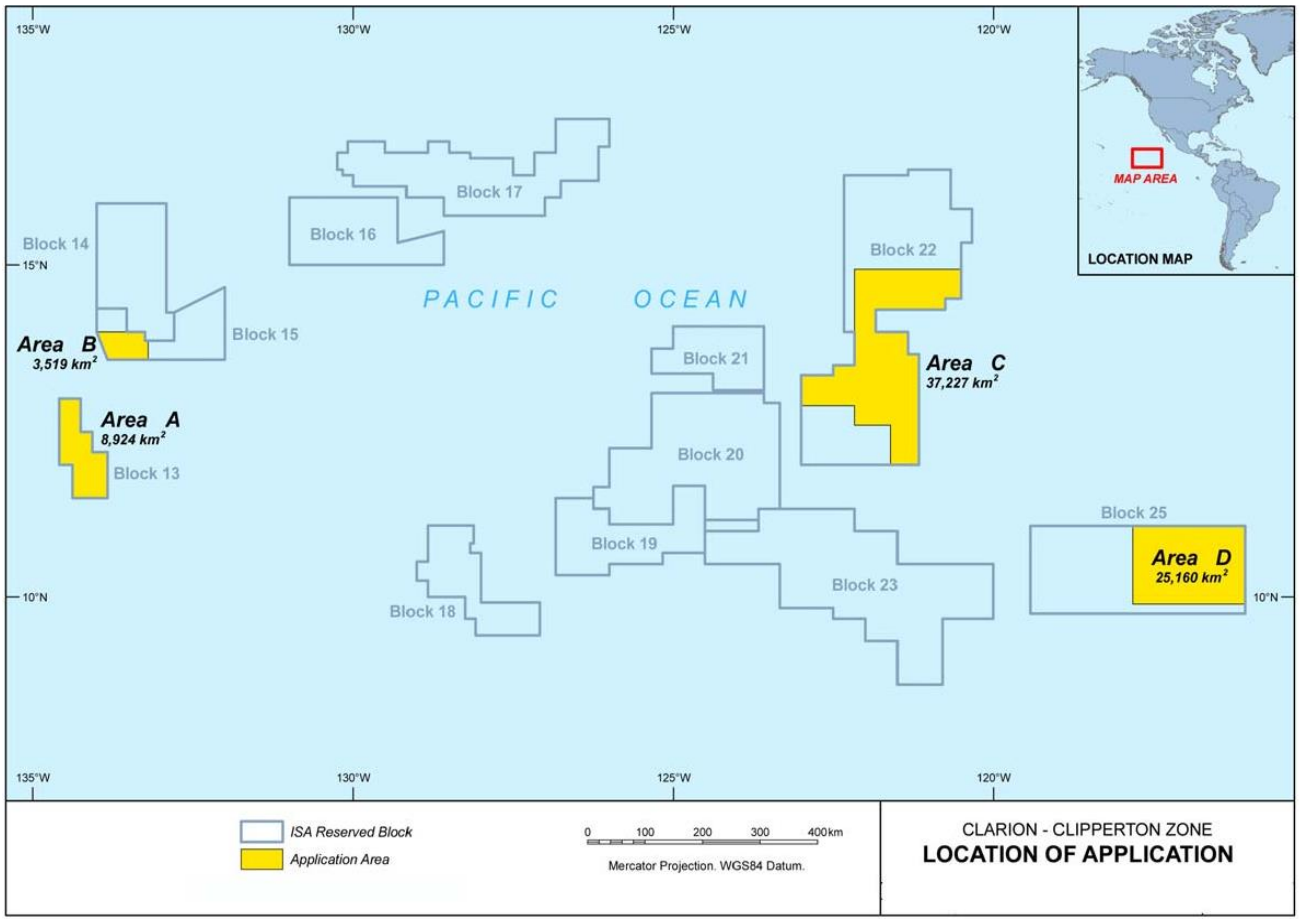
Then to	13.58010 N	-133.83300 W
Then to	14.00000 N	-134.00000 W (being the point of commencement)

Area C (37,227 Km^2)

	Latitude	**Longitude**
	14.9350 N	-122.1667 W (the point of commencement)
Then to	14.9350 N	-120.5000 W
Then to	14.5000 N	-120.5000 W
Then to	14.5000 N	-120.7500 W
Then to	14.3333 N	-120.7500 W
Then to	14.3333 N	-121.8330 W
Then to	14.0000 N	-121.8330 W
Then to	14.0000 N	-121.3330 W
Then to	13.6667 N	-121.3330 W
Then to	13.6667 N	-121.1670 W
Then to	12.0000 N	-121.1670 W
Then to	12.0000 N	-121.6000 W
Then to	12.6000 N	-121.6000 W
Then to	12.6000 N	-122.1670 W
Then to	12.8900 N	-122.1670 W
Then to	12.8900 N	-123.0000 W
Then to	13.3500 N	-123.0000 W
Then to	13.3500 N	-122.5000 W
Then to	13.5000 N	-122.5000 W
Then to	13.5000 N	-122.1667 W
Then to	14.9350 N	-122.1667 W (being the point of commencement)

Area D (25,160 Km^2)

	Latitude	Longitude
	11.08333 N	-117.816670 W (the point of commencement)
Then to	11.08333 N	-116.066667 W
Then to	9.89500 N	-116.066667 W
Then to	9.89500 N	-117.816670 W
Then to	11.08333 N	-117.816670 W (being the point of commencement)



3. Plan of Work

Summary of Plan of Work for Exploration including the Programme of Activities for the first and/or the current 5-year period (Regulation 18).

NORI is currently in the third five-year period of its fifteen-year exploration contract. The current five-year period runs from 2022 until 2026.

NORI's key objective within this current five-year period is to finalize and submit its application for a plan of work.

To meet its objective, NORI planned to complete the following key activities during its current five-year period:

Exploration Studies

- Complete a Prefeasibility Study

Environmental Studies

- Complete the collection and analysis of environmental baseline data
- Conduct environmental monitoring before, during and post test mining
- Complete an environmental impact assessment

Mining Tests and Proposed Mining Technology

- Conduct test mining of the integrated nodule collection system in NORI-D
- Conduct processing pilot study

Training

- Provide at minimum 10 training opportunities to developing state nationals

Additional detail on the activities conducted annually during all five-year periods is provided under Section 4. II.

4. Programme of Activities and Exploration Expenditure

Section 4.1 of Annex IV of the Regulations and Schedule 2 of Annex III of the Regulations.

I. Agreed 5-year Programme of Activities

5-year Programme of Activities	First	Second	Third	Extension
General Objectives	**Objective**	**Description**		
	Test Mining	NORI will conduct a full system test involving: ▪ deployment and testing of the collector vehicle; ▪ deployment and testing of the airlift system; ▪ collection of 1,000 to 3,000 wet tonnes of nodules The environmental impact of the integrated nodule system test will be closely monitored, before, during, and after the test as outlined in the Collector Test EIS.		
	Environmental Studies	NORI anticipates completing its environmental baseline studies. Three environmental campaigns are planned before, during and after test mining as outlined in the Collector Test EIS. An environmental monitoring campaign may be scheduled to monitor the recovery of the test mining area.		
	Offshore Engineering Studies	Detailed design and engineering will be undertaken based on the results of test mining. A prefeasibility study will be completed. Work will continue on the development of a project digital twin and stakeholder dashboard supporting the development of the Adaptive Management System.		
	Onshore Engineering Studies	A combined pyrometallurgical and hydrometallurgical flowsheet has been selected and pilot tests will be conducted. Site selction will be undertaken and a site is anticpated to be selected.		
	Environmental and Social Impact Assessment	Data collected during NORI's offshore campaigns, as well as the test mining monitoring campaigns, will be integrated using a risk-based ecosystem approach to understand the environmental and social impacts of the proposed NORI project. Mitigation steps will be developed to minimise residual impacts and inform the EMMP.		
	Stakeholder Engagement	An active program of stakeholder engagement is planned to inform and seek feedback from stakeholders.		
	Exploitation Plan of Work Application	An Exploitation Application which conforms to exploitation regulations (currently in draft) is planned to be prepared and submitted.		

II. Results achieved during reported year [2012 – 2023]:

Annual objectives and activities			
Year	**Contract year number**	**Agreed Objectives**	**Objective: Completed, Modified, Postponed or Replaced**
2012	1	**Geology programme** **1.** Polymetallic nodule exploration cruise –NORI planned to conduct an exploration cruise in Area C and Area D of its license area **Offshore Engineering** **2.** Technical review of the project to identify and rank the key engineering areas **Onshore Engineering Programme** **3.** Preliminary chemical analysis and metallurgical studies **Environmental programme** **4.** NORI planned to attend the Informal Consultations with Exploration Contractors on the Biological Component of Environmental Baseline Data in Exploration Areas convened by the International Seabed Authority.	**1. Complete** **2. Complete** **3. Complete** **4. Complete**
2013	2	**Geology programme** **1.** Assessment and interpretation of geophysical and geological data obtained in 2012 exploration cruise **2.** Produce bathymetric maps and nodule distribution model **3.** Produce Geological Model and Resource Estimate for NORI Area **4.** Identification of potential first generation mine site **5.** Geotechnical studies **6.** Nodule geochemistry work **7.** Exploration cruise to map NORI Area A and B **Environmental Programme** **8.** Assessment of environmental data obtained in 2012 exploration cruise **9.** Desktop review of available environmental baseline studies for nodules in the Clarion-Clipperton Fracture Zone **10.** Attend the ISA Workshop on Standardise Megafaunal Taxonomy in Polymetallic Nodules Exploration Contract Areas in the Clarion-Clipperton Fracture Zone **Onshore Engineering Programme** **11.** Nodule processing test work **Offshore Engineering programme**	**1. Complete** **2. Complete** **3. Complete** **4. Complete** **5. Complete** **6. Complete** **7. Complete:** this work scope was originally planned for year 3 but was brought forward to collaborate with another Contractor **8. Complete** **9. Complete** **10. Complete** **11. Complete** **12. Complete:** These studies were planned for 2014 but

		12. Mining equipment and technologies studies	were brought forward to 2013
2014	3	**Offshore Engineering programme** **1.** Seafloor harvesting vehicle concept design studies ▪ Riser and Lifting System Concept Design ▪ Production Support Platform Concept Design ▪ Ore Handling Concept Design ▪ OTEC investigation ▪ Investigate New Polymetallic Nodule Exploration Technology **Onshore Engineering programme** **2.** Metallurgical Process Test work **3.** Polymetallic nodule processing plant concept design study **4.** Carry out product studies for key nodules metals **Geology programme** **5.** Update Geological model **6.** Nodule analysis from 2013 cruise **7.** Nodule chemistry study, focusing on REE's **Environmental programme** **8.** Social and environmental sustainability concept study **9.** Co-sponsored workshop on marine imaging	**1. Complete** **2. Complete** **3. Complete** **4. Complete** **5. Complete** **6. Complete** **7. Complete** **8. Complete** **9. Complete**
2015	4	**Offshore Engineering programme** **1.** Scoping Study (economic assessment) **2.** Offshore production system development work **Environmental programme** **3.** Host Environmental Workshop **Onshore Engineering programme** **4.** Product Market Studies **5.** Review of Commodity Markets and Metal Prices **6.** Metallurgical Process Development **7.** Onshore Processing Plant Studies	**1. Complete** **2. Complete** **3. Complete** **4. Complete** **5. Complete** **6. Complete** **7. Complete**
2016	5	**Offshore Engineering programme** **1.** Offshore system Concept Refinement Study **Environmental programme**	**1. Complete** **2. Complete**

		2. Produce an Environmental Inception Report for the planned Collector Test **Onshore Engineering programme** **3.** Metallurgical Process Development and Onshore Processing Plant Studies **4.** De-Risking of Metallurgical Process Flow Sheet **5.** Rare Earth Elements – Technical and Market Overview **6.** Pre-feasibility Execution Plan **7.** Commodity Markets and Metals Prices **Geology programme** **8.** Geological Model and Resource Estimate **9.** Site Selection – Collector Test and Long-term Monitoring stations **10.** Survey Cruise Planning	**3. Complete** **4. Complete** **5. Complete** **6. Complete** **7. Complete** **8. Complete** **9. Complete** **10. Complete**
2017	6	**Environmental programme** **1.** Awaiting feedback on the 2016 environmental inception report **Geology programme** **2.** Investigate the requirements for upgrading part of the NORI Resource to a higher resource category **3.** Continue survey cruise planning **4.** Further refinement of NORI-D site selection **Offshore Engineering programme** **5.** Offshore system engineering studies **Onshore Engineering Programme** **6.** Onshore metallurgical process studies	**1. Complete:** also completed a review of the mooring configurations **2. Complete** **3. Complete** **4. Complete** **5. Complete** **6. Complete**
2018	7	**Environmental Programme** **1.** Continue investigations into commencing long-term environmental studies, including with respect to installing long oceanographic moorings and seasonal studies including conductivity, temperature, depth (CTD) profiles, and sampling of water, plankton, and fish **Geology programme** **2.** Cruise to NORI-D (geology and environmental focus) **3.** Update the NORI Area Geological Model and Resource Estimate to incorporate the results of the 2018 Cruise **4.** Carry out planning for a subsequent cruise to obtain bulk samples of polymetallic	**1. Complete** **2. Complete** **3. Complete** **4. Complete** **5. Complete** **6. Complete**

		nodules necessary for larger scale metallurgical process studies **Offshore Engineering Programme** **5.** Produce a 3D/4D interactive computer model of the offshoresystem **Onshore Engineering Programme** **6.** Onshore metallurgy studies including development of flowsheet with a zero-waste potential	
2019	8	**Environmental Programme** **1.** Conduct environmental cruises to deploy oceanographic moorings & commence physical & chemical oceanographic sampling. **Geology Programme** **2.** Update Preliminary Economic Assessment. **Offshore Engineering Programme** **3.** Offshore engineering plans included technology reviews of plume reduction as well as nodule offloading, an upgrade to vortex simulation, as well as building a Harvester Vehicle Water Dredge pick-up and discharge Model **Onshore Engineering Programme** **4.** NORI did not anticipate conducting significant onshore work in 2019	**1. Completed:** 3 environmental baseline campaigns **2. Complete -** In addition to the updating of the Preliminary Economic Assessment, NORI conducted two geology and environmental sampling campaigns to the NORI-D license area **3. Complete:** in addition, Allseas was contracted to develop an integrated nodule collection system **4. Complete:** while NORI, did not have a comprehensive onshore programme in 2019, it completed a significant work programme including: Complete the PEA and associated cost reductions and risk profile improvements of the new flowsheet; • Benchscale production of metal alloy; • Site selection benchmarking and identification of several sites which meet or exceed the PEA assumptions; and Identification and concept development of a lower capital cost processing scenario.
2020	9	**Environmental programme** **1.** NORI will host an ESIA technical workshop and a Stakeholder Engagement Workshop.	**1. Complete**

		2. NORI intends to make the ESIA Scoping Report and Terms of Reference available to the public and present them to the ISA. **3.** Develop an EISA for the collector test. **4.** A percentage of the benthic biological samples collected during NORI's previous campaigns will be analyzed in 2020. NORI is also expecting data from the 300 sediment chemistry samples to be completed in Q2 of 2020. **5.** Conduct a campaign focused benthic biological and biogeochemical studies and a campaign to continue chemical oceanography sampling, change out mooring instrumentation, and download data. **Onshore Engineering Programme** **6.** Prefeasibility framing phase **Geology programme** **7.** Update the resource and release an updated resource statement **Offshore Engineering Programme –** **8.** Conduct a bulk sampling operation in Q1 2020. **9.** Develop design data and the final pilot mining system designs and test plans.	**2. Complete:** the Scoping Report was completed and submitted to the ISA. NORI had planned to make it public after receiving feedback from the ISA **3. Ongoing:** the work continued throughout 2020 **4. Complete** **5. Complete** **6. Complete** **7. Complete** **8. Complete** **9. Complete**
2021	10	**Environmental Programme –** **1.** Campaign 5D - Collect data on the benthic biology, sediment geochemistry, and surface biology of NORI-D using box-core, multicore, and floating hydrophones **2.** Campaign 4E - Scheduled annual servicing of moorings on NORI-D site **3.** Campaign 5C – Seasonal repeat of Campaign 5B. **4.** Campaign 5E – ROV focused campaign to obtain benthic and pelagic images and specimens. **5.** Integrated nodule system test EIS submitted **Geology Programme** **6.** Focus will be on mine planning and production forecasting ahead of the collector test in 2022 **Offshore Engineering Programme**	**1. Complete** **2. Complete** **3. Complete** **4. Complete** **5. Complete** **6. Complete** **7. Complete**

		7. Collector vehicle factory commissioning **8.** Collector vehicle harbor dip test **Onshore Engineering Programme** **9.** Pilot plant campaign **10.** Advance site selection and logistics of nodule transport	**8. Complete** **9. Complete** **10. Complete**
2022	11	**Environmental programme** **1.** NORI planned to conduct two environmentally focused campaigns in 2022 **2.** Begin operational environmental and social impact assessment (ESIA) **Geology programme** **3.** NORI planned the following resource work during the integrated nodule system test: ▪ Confirm short-range nodule grade, abundance and size and shape variability ▪ Evaluate collector system nodule recoveries ▪ Evaluate collector system resource use, and ▪ Evaluate collector system speed and maneuverability. **Offshore engineering programme** **4.** NORI plans to conduct the integrated. Nodule collection system test in NORI-D **Onshore Engineering programme** **5.** To continue and complete a refinery bench scale **6.** To continue test work around refining other non-matte products and to identify potential customer. **7.** To develop relationships with and assess strategic partners.	**1. Complete:** due to logistics and operational considerations, NORI monitored the integrated nodule collection system test over five campaigns not two as originally planned. **2. Ongoing** **3. Complete** **4. Complete** **5. Complete** **6. Complete** **7. Complete**
2023	12	**Environmental programme** **1.** NORI planned to conduct two post-disturbance monitoring campaigns **2.** Operational environmental and social impact assessment (ESIA) **Geology programme**	**1. Completed:** NORI's campaigns were obstructed by Greenpeace's activities impacting its ability to complete its full scope of planned work.

		3. NORI will use the learnings from the mine test to design and develop its mine plan	**2. Ongoing**
		4. NORI will undertake the following resource evaluation work: ▪ Evaluate short-range nodule grade, abundance, and size and shape variability ▪ Evaluate collector system nodule recovery ▪ Evaluate collector system resource utilization, and ▪ Evaluate collector system speed and maneuverability.	**3. Ongoing** **4. Ongoing** **5. Ongoing**
		5. Conduct analysis and define reserves for NORI-D	**6. Complete**
		Offshore engineering programme	
		6. Apply learnings from the test mining to refine production system for operations	**7. Ongoing**
		7. Progress Test Mining report	**8. Complete**
		Onshore programme	
		8. Plans to continue and complete the ongoing refinery bench-scale test work programme	**9. Complete**
		9. Plans to continue to evaluate other products and by-products and to identify potential customers	

5. Training Programme

Schedule 3 of Annex III of the Regulations.

I. 2012 – 2016 Training Programme

Type of training	**At-sea exploration training programme** (4 opportunities)	**Fellowship programme** (2 opportunities)	**Engineering training programme** (2 opportunities)
Institutions	Training opportunity will be provided by NORI and its contractors	University of Hawaii, University of the South Pacific, Imperial College	NORI's engineering department or contractor
Duration	Dependent on at-sea cruise length	5 months	4 – 6 weeks
Scope	Geological exploration, geophysical survey or environmental baseline studies	Graduate training based on the candidates educational background	Assist with NORI's offshore engineering programme
Fields	Marine geology, environment, oceanography	Marine, biology/ecology/environment	Engineering
Qualification required	Undergraduate or Masters degree in a relevant degree such as marine geology, geophysics, marine environment, oceanography	Bachelor degree in science marine, biology/ecology/environment or an equivalent education	Bachelor or Masters degree in mechanical, electrical, mining or marine engineering
Financing	NORI will cover all costs associated with the training opportunity	NORI will cover all costs associated with the training opportunity	NORI will cover all costs associated with the training opportunity

II. 2017-2021 Training Programme

Type of training	**At-sea exploration training programme** (2 opportunities)	**Environmental Workshop** (4 opportunities)	**Study / research relating to seafloor minerals and the environment** (4 opportunities)
Institutions	Training opportunity will be provided by NORI and its contractors	Training opportunity will be provided by NORI and its environmental contractors	Not specified
Duration	Dependent on at-sea cruise length	4 – 5 days	Not specified
Scope	Geological exploration, geophysical survey or environmental baseline studies	Participation in technical and stakeholder workshops to plan and discuss NORI's environmental social impact assessment programme	Support relevant research to the seafloor minerals industry
Fields	Marine geology, geophysics, marine environment, oceanography	Marine, biology/ecology/environment	Environmental science, engineering or geology
Qualification required	Undergraduate or Masters degree in a relevant degree such as marine geology, geophysics, marine environment, oceanography	Bachelor degree in science marine, biology/ecology/environment or an equivalent education	Bachelor or Masters degree
Financing	NORI will cover all costs associated with the training opportunity	NORI will cover all costs associated with the training opportunity	NORI will cover all costs associated with the training opportunity

III. 2022-2026 Training Programme

Type of training	**AUV training and Deep Dive Level 2**[1] (3 opportunities)	**National Expert Deployment (NED) and Deep Dive Level 2** (2 opportunities)	**Study / research relating to seafloor minerals and the environment** (6 opportunities)	**Deep Dive Level 2 – standalone training** (1 opportunity)
Institutions	AMC Search ISA Deep Dive	ISA	University of the South Pacific in Suva, Fiji	ISA Deep Dive
Duration	20 days + duration of Deep Dive Level 2	6 or 12 months + Duration of Deep Dive Level 2	2-4 years (depending on programme)	Dependant on number of modules
Scope	AUV technical training – theory and in-field training E-learning on various aspects of UNCLOS	To be agreed upon with ISA Secretariat E-learning on various aspects of UNCLOS	Support relevant research to the seafloor minerals industry	E-learning on various aspects of UNCLOS
Fields	Marine technology/underwater robotics	Any aspects related to UNCLOS	Environmental science, engineering or geology	Legal, technica land scientific aspects of UNCLOS
Qualification required	Degree in marine science, engineering, environmental science, or a related field.	Dependent on scope of NED	Bachelor or Masters degree	A Bachelor's degree in a relevant discipline (with full transcript) and/or 1-2 years of relevant work experience. No previous knowledge

[1] Negotiated with Secretariat as at-sea equivalent training in 2024

				of ISA and law of the sea is required
Financing	NORI will cover all costs associated with the training opportunity	NORI will cover relevant costs as per NED fee schedule outlined by ISA	NORI will cover all costs associated with the training opportunity	NORI will cover tuition costs

IV. Trainings conducted up to 2023

Start Year	End Year	Name of Trainee	Nationality	Gender	Type of Programme	Details	Duration
2012	2016	Mr. Sankey Deluckner	Nauruan	Male	Educational – University of South Pacific, Fiji	Undergraduate degree in engineering	4 years
2012	2015	Ms. Marlaina Aroi	Nauruan	Female	Educational – University of South Pacific, Fiji	Undergraduate degree in environmental science – did not complete	3 years
2013	2013	Dody Darmawan	Indonesian	Male	At-sea	Geophysical survey & nodule sampling	October 2013
2014	2014	Dody Darmawan	Indonesian	Male	Cruise report writing	Trainee assisted with cruise report writing	March 2014
2015	2015	Ms. Renee McDonald	Jamaican	Female	Environmental Workshop	Participation in workshop	11 – 12 Dec 2015
2015	2015	Bamidele Oresajo	Nigerian	Male	Environmental Workshop	Visa denied to enter UK	11 – 12 Dec 2015
2019	2019	Aganze Baciyunjuze Gloire	Congolese	Male	At-sea	Exploration & biological cruise – box core and gravity cores	23 August - 1 October
2019	2019	Lucia Villar Munoz	Chilean	Female	At-sea	Metocean, seasonal study campaign & deployment of	9-23 October

						3 environmental monitoring moorings	
2019	2019	Raphael Di Carlo Silva dos Santos	Brazilian	Male	At-sea	Metocean, seasonal study campaign & deployment of 3 environmental monitoring moorings	9-23 October
2020[2]	2020	Matheus Bose	Brazilian	Male	Environmental Workshop	Environmental Workshop	3-6 February
2020	2020	Troy Franklin	Jamaican	Male	Environmental Workshop	Environmental Workshop	3-6 February
2020	2020	Sereima Koli	Fijian	Female	Environmental Workshop	Environmental Workshop	3-6 February
2020	2020	Bamidele Oresajo	Nigerian	Male	Environmental Workshop	Denied VISA to the US, so unable to attend	3-6 February
2020	2020	Toluwanimi Victory Afolayan	Nigerian	Female	Environmental Workshop	Denied VISA to the US, so unable to attend	3-6 February
2020	2020	Titie Afuhia Kaufusi	Tongan	Male	At-sea	Nodule bulk sampling campaign	6 January – 6 February
2021	2021	Javiera Rivera Lemee	Chile	Female	At-sea	Environmental baseline campaign	2 months

[2] Four trainees were selected by the LTC to participate in NORI's offshore benthic biology and geochemistry campaigns in 2020. However, all declined due to COVID-19 concerns. NORI voluntarily created a number of young science professional roles for the campaign and selected its own candidates, selecting 11 young scientists listed here:

- Mikaela McCarthy – US
- Corie Boolukos – US
- Nicole Schmidt – US
- Jannie Smye – UK
- Audrey Proenca – Brazil
- Noelie Benoist – UK
- Lucia Villar – Chile
- Bran O'Malley – US
- Elisa Baldrighi – Italy
- Ann Dunlea – US
- Maia Medeiros - US

2021	2021	Ana Carolina Ronda	Argentina	Female	At-sea	Environmental baseline campaign	2 months
2022	present	Ometa Tauro	Kiribati	Female	Undergraduate scholarship – Sciences	University of the South Pacific	3 years
2022	present	Sera Lewanuya	Fiji	Female	Masters scholarship - sciences	University of the South Pacific	2.5 years
2022	2022	Bhine Amatari	Nigeria	Male	At-sea	Collector test - engineering	3 weeks
2022	2022	Jameal Magno	Philippines	Male	At-sea	Collector test – engineering	2 months
2023	2024	Fidelis Onah	Nigeria	Male	At sea	Environmental baseline campaign	2 months
2023	2024	Biteiti Kimaere	Kiribati	Male	Undergraduate scholarship – Sciences	University of the South Pacific	1 year
2023	present	Blessing Onoja	Nigeria	Female	Undergraduate scholarship – Sciences	University of the South Pacific	3 years
2023	present	Sheila Veijune	Tonga	Female	Undergraduate scholarship – Sciences	University of the South Pacific	3 years

V. Completed Trainings per Year

	At-sea	Engineering Training	Fellowship Programme	Environmental Workshop	Study / research relating to seafloor minerals and the environment
Year 1 (2012)			2 completed – at USP		
Year 2 (2013)	1 training opportunity offered – include cruise report writing in 2014				

Year 4 (2015)				2 training opportunities offered (NORI Env Workshop) however 1 was denied due to VISA issues	
Year 5 (2016)					2 training opportunities offered (University of South Pacific)
Year 8 (2019)	3 training opportunities offered				
Year 9 (2020)		2 Training opportunities advertised for 2020		6 Training opportunities offered however 2 were denied due to VISA issues	1 completed – sampling campaign
Year 10 (2021)	2 completed – environmental baselining				
Year 11 (2022)	2 completed – collector test engineering		2 implemented – studies ongoing at USP		
Year 12 (2023)	1 completed – environmental baseline campaign		3 implemented– studies ongoing at USP		

6. Standard clauses

Annex IV of the Regulations.