

## 4 REPORTING

The outcomes and findings of the Collector Test monitoring program will inform the commercial ESIA and the design of the commercial collector system, details of which will be included in the commercial EIS submitted to the ISA as part of NORI's application for an exploitation license at NORI-D. Interim reporting of monitoring results and findings will be distributed to the ISA and stakeholders in several forms:

1. The post-campaign report will be developed within 3 months of demobilization which will include details of sample and data collection for verification monitoring, and a summary of the compliance monitoring outcomes.
2. A summary of the post-campaign reports will be provided to the ISA in the 2022 Annual Report submitted by NORI.
3. Each sub-contractor will submit a technical report to within NORI 6-months of demobilization which includes details of the data analysis and findings. A summary of the technical reports will be provided to the ISA in the 2023 Annual Report submitted by NORI. All final QA/QC'd data will also be submitted for inclusion into the ISA's DeepData portal. In addition, the technical reports will be incorporated as appendices into the commercial EIS that will be submitted to the ISA as part of NORI's exploitation license application.
4. Following receipt of the technical reports, and prior to the submission of the commercial EIS, NORI will hold a stakeholder workshop to disseminate the findings of the Collector Test monitoring program.

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## 6 APPENDIX 1 - ROLES AND RESPONSIBILITIES

No	Institution	Name	Title	Role/Responsibility
<b>MARINE CREW</b>				
1	Ocean Infinity (OI)	TBA	Captain	Ultimately responsible for all persons onboard and in charge of the vessel as a whole.
2	Ocean Infinity (OI)	TBA	Offshore Manager	Manages project from the OI side, mob/demob, equipment deployment, and all vessel related issues. Interface between Maersk and DG
3	Ocean Infinity (OI)	TBA	Project Superintendent	Supports Offshore Manager on a 12-hour shift roster
4	Ocean Infinity (OI)	TBA	ROV Supervisor	Oversees the planning and execution of ROV missions. Liaises with scientists and NORI representatives in the development of mission plans to meet stated objectives.
5	Ocean Infinity (OI)	TBA	ROV Pilot 1	Pilots ROV under supervision of ROV Supervisor to execute agreed upon mission plans. On roster with ROV Pilot 2 and 3.
6	Ocean Infinity (OI)	TBA	ROV Pilot 2	Pilots ROV under supervision of ROV Supervisor to execute agreed upon mission plans. On roster with ROV Pilot 1 and 3.
7	Ocean Infinity (OI)	TBA	ROV Pilot 3	Pilots ROV under supervision of ROV Supervisor to execute agreed upon mission plans. On roster with ROV Pilot 1 and 2.
8	Ocean Infinity (OI)	TBA	ROV Engineer 1	Performs routine maintenance and repairs to the ROV in support of mission executions. Changes out tooling of ROVs between missions and conducts all safety checks. On roster with ROV Engineers 2 and 3.
9	Ocean Infinity (OI)	TBA	ROV Engineer 2	Performs routine maintenance and repairs to the ROV in support of mission executions. Changes out tooling of ROVs between missions and conducts all safety checks. On roster with ROV Engineers 1 and 3.
10	Ocean Infinity (OI)	TBA	ROV Engineer 3	Performs routine maintenance and repairs to the ROV in support of mission executions. Changes out tooling of ROVs between missions and conducts all safety checks. On roster with ROV Engineers 1 and 2.
11	Ocean Infinity (OI)	TBA	AUV Supervisor	Oversees the planning and execution of AUV missions. Liaises with scientists and NORI representatives in the development of mission plans to meet stated objectives.
12	Ocean Infinity (OI)	TBA	AUV Technician 1	Plans and programs AUV missions, calibrates and programs sensors.
13	Ocean Infinity (OI)	TBA	AUV Technician 2	
14	Ocean Infinity (OI)	TBA	AUV Engineer 1	Performs routine maintenance and repairs to the AUV in support of mission executions. Changes out tooling of AUVs between missions and conducts all safety checks. On roster with AUV Engineers 2 and 3.
15	Ocean Infinity (OI)	TBA	AUV Engineer 2	Performs routine maintenance and repairs to the AUV in support of mission executions. Changes out tooling of AUVs between missions and conducts all safety checks. On roster with AUV Engineers 1 and 3.
16	Ocean Infinity (OI)	TBA	AUV Engineer 3	Performs routine maintenance and repairs to the AUV in support of mission executions. Changes out tooling of AUVs between missions and conducts all safety checks. On roster with AUV Engineers 1 and 2.
17	Ocean Infinity (OI)	TBA	AB 1	Assist with all deck activities including equipment deployment and retrieval, equipment preparation and relocation of samples and science equipment between lab vans and deck space. Assist in identifying, reporting and rectifying any work behaviours that may compromise safety of any POB. 12-hour roster

No	Institution	Name	Title	Role/Responsibility
18	Ocean Infinity (OI)	TBA	AB 2	Assist with all deck activities including equipment deployment and retrieval, equipment preparation and relocation of samples and science equipment between lab vans and deck space. Assist in identifying, reporting and rectifying any work behaviours that may compromise safety of any POB. 12-hour roster
19	Ocean Infinity (OI)	TBA	Marine Crew 1	Vessel operations crew including engineers, chefs and others POB to ensure safe and efficient operation of the vessel.
20	Ocean Infinity (OI)	TBA	Marine Crew 2	
21	Ocean Infinity (OI)	TBA	Marine Crew 3	
22	Ocean Infinity (OI)	TBA	Marine Crew 4	
23	Ocean Infinity (OI)	TBA	Marine Crew 5	
24	Ocean Infinity (OI)	TBA	Marine Crew 6	
25	Ocean Infinity (OI)	TBA	Marine Crew 7	
26	Ocean Infinity (OI)	TBA	Marine Crew 8	
27	Ocean Infinity (OI)	TBA	Marine Crew 9	
28	Ocean Infinity (OI)	TBA	Marine Crew 10	
29	Ocean Infinity (OI)	TBA	Marine Crew 11	
30	Ocean Infinity (OI)	TBA	Marine Crew 12	
31	Ocean Infinity (OI)	TBA	Marine Crew 13	
32	Ocean Infinity (OI)	TBA	Marine Crew 14	
33	Ocean Infinity (OI)	TBA	Marine Crew 15	
34	Ocean Infinity (OI)	TBA	HSE/ Medic	Provides HSE/medical support to crew
<b>NORI</b>				
35	NORI	Katie Allen	Client Rep	Ratify decisions related to schedule and scope changes. Sign off of on work progress and represent TMC in matters that may impact the delivery of the campaign objectives.
36	NORI	TBA	Offshore data officer (ODO)	Work with science teams and liaises with NORI rep to execute Data Management procedures.
37	NORI	Frazer Mann	NORI engineer	Provides engineering advice to OI marine crew and NORI client Rep. On 12 hour roster with client rep.
36	NORI	Bryan O'Malley	Science Assistants Team Lead	Supervises team of science assistants to in the collection of samples for Meiofauna, Foraminifera, eDNA and Thorium234 analysis.



No	Institution	Name	Title	Role/Responsibility
37	NORI	TBA	Science Assistant 1	Provides assistance to academic work streams
38	NORI	TBA	Science Assistant 2	
37	NORI	TBA	Science Assistant 3	
38	NORI	TBA	Science Assistant 4	
39	NORI	TBA	Science Assistant 5	
38	NORI	TBA	Science Assistant 6	
39	NORI	TBA	Science Assistant 7	
40	NORI	TBA	Science Assistant 8	
Sub-Contractors				
41	Gravity Marine	Claire Dagleish	Science Operations Coordinator 1	Manage all science related back deck operations. Coordination of sample recovery and symops. On 12-hour roster with winch SOC 2.
42	Gravity Marine	Toby Adamson	Science Operations Coordinator 2	Manage all science related back deck operations. Coordination of sample recovery and symops. On 12-hour roster with winch SOC 1.
43	University of Hawaii	TBA	Work stream lead - Sediment Particle Analysis	Manager of contractor team, liaises with TMC rep, Offshore manager and Science Leads on all aspects of the project.
44	University of Hawaii	TBA	UoH Science Assistant	Assist UoH work stream lead. Assist other science workstreams where required under the direction of UoH and SOC
45	University of Hawaii	TBA	UoH Science Assistant	Assist UoH work stream lead. Assist other science workstreams where required under the direction of UoH and SOC
46	Texas A&M University	TBA	Work stream lead - Trace Metals Analysis	Lead for trace metals analysis work stream. Will also supervise the collection of water samples for the Whole Effluent Toxicity study.
47	Texas A&M University	TBA	TA&M science assistant	Assist TA&M work stream lead. Assist other science workstreams where required under the direction of TA&M and SOC
48	Texas A&M University	TBA	TA&M science assistant	Assist TA&M work stream lead. Assist other science workstreams where required under the direction of TA&M and SOC
49	Natural History Museum	TBA	Work stream lead - Macrofauna Analysis and sample processing	Lead for offshore processing and analysis of macrofauna samples.
50	Natural History Museum	TBA	Macrofauna analysis and sample processing	On 12-roster with macrofauna workstream lead.
51	Heriott Watt University	TBA	Work stream lead - Benthic Landers	Lead for offshore deployment and recovery of benthic landers to analyse sediment oxygen and scavenger diversity
52	Heriott Watt University	TBA	HWU science assistant	Assist HWU work stream lead. Assist other science workstreams where required under the direction of HWU and SOC
53	Heriott Watt University	TBA	HWU science assistant	
54	DHI	TBA	Work stream lead - Plume monitoring program	Oversees execution of plume monitoring plan
55	DHI	TBA	Technical support - Plume monitoring program	Provides technical assistance for plume monitoring plan
56	CSA	TBA	Work stream lead	Oversees deployment and recovery of plume monitoring equipment
57	CSA	TBA	Technical Support 1	Provides technical assistance for deployment and recovery of plume monitoring equipment
58	CSA	TBA	Technical Support 2	

No	Institution	Name	Title	Role/Responsibility
59	CSA	TBA	Technical Support 3	
60	Three 60 Energy	TBA	Work stream lead	Lead for geological / geotechnical box core sample analysis.
61	Three 60 Energy	TBA	Technical Support 1	12-hr roster with geology workstream lead
Observers				
62	ISA Representative	TBA	ISA trainee	Provides regulatory oversight of the Collector Test monitoring on behalf of the ISA
63	ISA Representative	TBA	ISA observer	Provides regulatory oversight of the Collector Test monitoring on behalf of the ISA
64	Nauru Representative	TBA	Nauru Rep.	Provides regulatory oversight of the Collector Test monitoring on behalf of Nauru



Nauru Ocean Resources Inc. is a wholly owned subsidiary of The Metals Company. TMC is on a mission to source the minerals required for the clean energy transition by collecting polymetallic nodules from the Clarion Clipperton Zone of the Pacific Ocean.

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