

Minutes of the 1st meeting of the State Level Environment Impact Assessment Authority Andaman & Nicobar (SEIAA), Andaman and Nicobar held on 15-12-2021(Wednesday) at 11:00 AM under the Chairmanship of Dr. P.M. Mohan, Chairman, SEIAA in the Mini Conference Hall of Secretariat, Andaman and Nicobar Administration.

The list of persons present in the meeting and Attendance Sheet are placed at Annexure-I.

At the outset, the Member Secretary, SEIAA welcomed the Chairman and the members of the Committee. Thereafter he gave a brief overview of the pending projects submitted by project proponents in PARIVESH (Pro Active and Responsive facilitation by Interactive and Virtuous Environmental Single Window Hub) portal and submitted to ANPCC offline for Environmental Clearance-

S.No	Proposal No.	Project Name	Category of Project	Project Proponent
1	SIA/AN/IND2/215092/2021	Offshore Oil & Gas Exploration, Development & Production in Oil and Gas Exploratory Block : AN-OSHP 2018/1 (EAST)	Category- B2 1(b) Offshore and onshore oil and gas exploration, development & production	Oil India Limited (OIL)
2	SIA/AN/IND2/215427/2021	Oil and Gas Exploration, Development and Production in Block : AN-OSHP-2018/2 (WEST)	Category- B2 1(b) Offshore and onshore oil and gas exploration, development & production	Oil India Limited (OIL)
3	Not applied in PARIVESH portal	Extension of RCC Jetty at Campbell Bay in Great Nicobar.	Category-B 7(e) Ports, Harbours, break waters, dredging.	Andaman Lakshadweep Harbour Works (ALHW)
4	Not applied in PARIVESH portal	Extension of Breakwater at Campbell Bay in Great Nicobar.	Category-B 7(e) Ports, Harbours, break waters, dredging.	Andaman Lakshadweep Harbour Works (ALHW)

Agenda No. I: Sr. No. 1 Offshore Oil & Gas Exploration, Development & Production in Oil and Gas Exploratory Block : AN-OSHP 2018/1 (EAST)

Sr. No.2 Oil and Gas Exploration, Development and Production in Block: AN-OSHP-2018/2 (WEST)

The project proposals were duly appraised in the 4th State Expert Appraisal Committee (SEAC), Andaman and Nicobar meeting held on 14-09-2021.

The applicant M/s Oil India Limited (OIL) was invited to give presentation before the Committee. The Chief General Manager (HSE & Admin) Dr. B.N.Sahoo gave brief details of the projects and proposed Environment Management Plan(EMP) through powerpoint presentation. The details are as under-

1. The Oil India Limited (OIL) has been awarded two blocks : AN-OSHP 2018/1 and AN-OSHP 2018/2 in Andaman basin under Open Acreage Licensing Policy (OALP)-Bid Round-II by Ministry of Petroleum & Natural Gas (Exploration Division), Government of India vide letter No.O-12017(11)/25/2018-ONG-II dated 30-08-2019. The area details are as follows-

SI No	Basin	Block Name	Round	Total Area (Sq Km)	Offshore Area (Sq Km)	Onland Area (Sq Km)
1	ANDAMAN BLOCKS	AN-OSHP-2018/1 (EAST)	Open Acreage Licensing Policy (OALP)-Bid Round-II	3669.25	3438.61	230.64
2		AN-OSHP-2018/2 (WEST)		5947.45	5928.78	18.67

2. The project is a part of exploratory endeavor of Government of India, to explore and develop hydrocarbon presence. The objective of the project is
 - i. To drill, evaluate and determine hydrocarbon potential of designated prospects.
 - ii. To decide optimum locations of wells to be drilled based on geological models, geotechnical investigations and geological mapping.
3. M/s Oil India Limited (OIL) intends to engage exploratory drilling operations and testing of 04 wells in the block based on location proposed on the basis of interpretation of acquired 2D seismic data of 4386.925 LKM.
4. The typical flow of events in planning and executing an exploratory well drilling activity comprises of the following steps-
 - i. Exploration (searching for the oil and gas deposits)
 - ii. Appraisal (investigation of oil and gas volume parameters)
 - iii. Development (installation of oil ring equipment and drilling of well)
 - iv. Production (Oil Extraction)
 - v. Abandonment (Removing surface facilities and plugging the well)
5. The Mitigation measures proposed w.r.t Air Environment, Noise Environment, Water Environment were described. Drill cuttings (subsurface rock fragments) which will be generated during drilling operation will be separated from the mud using solid separation equipment like shale shakers and centrifuges and the cuttings will be discharged offshore intermittently as per guidelines of MoEF notification G.S.R. 546 (E) dated 30th August 2005.

The Authority noted that drill cuttings will be generated during drilling operation and suggested that a condition shall be added making it mandatory for the Project proponent to submit every month drill study report to ANPCC for future observations.

Decision of SEIAA: Based on the presentation and document furnished by the project proponent, The State Level Environment Impact Assessment Authority (SEIAA) Andaman and Nicobar considering the appraisal and recommendations of SEAC recommended that EC be accorded with General Conditions and Specific Conditions of Environmental Clearance incorporating the points discussed during this SEIAA meeting.

Agenda No. II: Sr. No. 3 Extension of RCC Jetty at Campbell Bay in Great Nicobar.

Sr. No.4 Extension of Breakwater at Campbell Bay in Great Nicobar.

The project proposals were duly appraised in the 3rd State Expert Appraisal Committee (SEAC), Andaman and Nicobar meeting held on 02-11-2020 for approval of ToR. The project proponent submitted the Draft EIA report incorporating the SEAC recommendations and Brief Summary of project on 16-08-2021 for the conduct of Public Hearing. Based on recommendations of SEAC, a Public Hearing was conducted on 10-11-2021 at 11:00 AM under the Chairmanship of Assistant Commissioner (Campbell Bay) at Community Hall, Gram Panchayat Campbell Bay for Environmental Clearance of these projects.

The applicant M/s Andaman Lakshadweep Harbour Works (ALHW) was invited to give presentation before the Committee. The Chief Engineer and the Administrator Shri T.N Krishnamoorthy gave brief detail of the projects through powerpoint presentation.

The details of project proposal mentioned at Sr. No. 3 "Extension of RCC Jetty at Campbell Bay in Great Nicobar" is as under-

1. The proposed project (Sr No. 3) is an extension of RCC jetty over bored pile of 800mm dia of size 50m long*20m width from existing RCC jetty at Campbell Bay at Great Nicobar Island of Andaman & Nicobar Islands.
2. Due to massive earthquake followed by the Tsunami which was occurred on 26th December 2004, out of 201.00 mtrs of the approach jetty, 116.00 mtrs was washed away and remaining 85.00 mtrs approach jetty had also suffered structural damages. Thereafter a proposal was sent to Ministry for extension of existing jetty.
3. The proposed project involves construction and developmental activities into the sea and in inter tidal zone and hence clearance as per Coastal Regulation Zone (CRZ) Notification is required but no land acquisition certificate required for the proposed project.
4. The new jetty after extension shall cater to vessel of 10,000 DWT with the designed live load of 1.50 T / Sq.m with IRC Class AA vehicular traffic which will enable existing berthing jetty to be utilized by lesser drafted vessels after attending extensive repairs.

5. The proposed activities in the Extension of RCC jetty involves
 - i. Extension of Berthing Jetty on board pile of size 50 m x 20 m with both side berthing wall.
 - ii. Special repairs with micro concrete to the existing Jetty.
6. This project is vital for enhancing feasibility of Inter Island passenger ships and cargo vessels and will also make it possible for two ships to berth together and handling of passengers ship and cargo simultaneously.
7. The anticipated impacts to the environment and the proposed mitigation measures were also explained in detail.

The details of project proposal mentioned at Sr. No. 4 "Extension of Breakwater at Campbell Bay in Great Nicobar" is as under-

1. The proposed project is an extension of rubble mound Breakwater of size 300m from the tip of existing breakwater at Campbell bay in Great Nicobar Island of Andaman & Nicobar Islands.
2. Due to subsidence of landmass occurred due to devastating earthquake and subsequent Tsunami on 26th December 2004, the Rubble Mound Break Water of 680m constructed by ALHW during 1987 at Campbell Bay was poorly damaged. After conducting Hydraulic model studies & wave flume studies etc and with the technical report submitted by Central Water Power Research Station, Pune, it was decided to extend the breakwater by 300mtr.
3. The proposed project involves construction and developmental activities into the sea and in inter tidal zone and hence clearance as per Coastal Regulation Zone (CRZ) Notification is required but no land acquisition certificate required for the proposed project.
4. The proposed activities in the Extension of Breakwater at Campbell bay involves-
 - a) Raising the existing rubble mound breakwater at Campbell Bay in Great Nicobar
 - i. Dismantling of CC 1:3:6 top capping
 - ii. Casting of 8-ton tetrapod
 - iii. Conveying and placing of 8 T Tetrapod
 - iv. Lifting/removing of 4-ton tetrapod from lee side of B/W
 - v. Quarrying, collection, conveying and dumping of various sizes of Stone boulders.
 - vi. Top capping and wall with RCC M30 concrete
 - vii. Providing steel shuttering
 - viii. Fabrication and fixing of reinforcement
 - ix. Conveying and placing of 4T tetrapod
 - x. PCC 1:3:6 under capping concrete
 - xi. Cast of tetrapod mould
 - b) Extension of the Breakwater for a length of 300 m
 - i. Quarrying, collection, conveying and dumping of various sizes of stone boulders.
 - ii. Casting of 10-ton tetrapod
 - iii. Casting of 12-ton tetrapod
 - iv. Conveying and placing of 10 T to 12 T tetrapods
 - v. Top capping and wall with RCC M30 concrete
 - vi. Providing steel shuttering

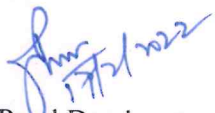
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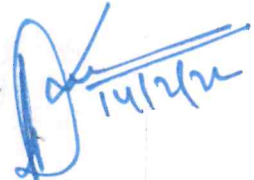
- vii. Fabrication and fixing of reinforcement
 - viii. Removal and stacking of 10 T of tetrapods
 - ix. PCC 1:3:6 under capping concrete
 - x. Cast of tetrapod mould
5. The extension of Breakwater will provide better protection against the effect of waves as to provide safe berthing for fishing vessels at Jetty after its extension and will also enhance feasibility of Inter Island passenger ships and cargo vessels.
6. The anticipated impacts to the environment and the proposed mitigation measures were also explained in detail.


The Authority noted that the following-

- i. The project proponent has not applied their project proposals online in PARIVESH portal till date and further the authority made it clear about the mandatory requirement of processing all the applications online only through PARIVESH portal as per MoEF &CC Office memorandum F.No. 22-37/2018-I.A.III dated 30-08-2019 and F.No.22-37/2018-IA IIII dated 19-04-2021. It was further made clear that only after receipt of the online application in PARIVESH portal, EC for the projects will be issued and directed the applicant to apply the project proposal in PARIVESH portal immediately.
- ii. There is no specific information ~~are~~ available on erosion, deposition at shore and data on long shore currents. The authority explained about the necessity of periodic monitoring of these parameters to protect the sensitive ecosystem of ANI. In this regard, the authority directed the project proponent that compiled 1-year Coastal data shall be submitted to the ANPCC along with regular Monthly monitoring report on Erosion, Deposition, Current pattern for future compliance.

Decision of SEIAA: Based on the presentation and document furnished by the project proponent, The State Level Environment Impact Assessment Authority (SEIAA) Andaman and Nicobar considering the appraisal and recommendations of SEAC, recommended that EC shall be accorded with General Conditions and Specific Conditions of Environmental Clearance incorporating the points discussed during this SEIAA meeting only after the submission of application for EC online in PARIVESH portal.


Mrs. Pearl Devdas
(Member SEIAA)


Shri. V.V Dinesh Kumar, Director(S&T)
(Member Secretary SEIAA)


Dr. P.M. Mohan
(Chairman SEIAA)

Annexure-I

List of the persons attended the meeting:

1. Shri V.V Dinesh Kumar, Director(S&T) cum Member Secretary ANPCC.
2. Mrs. Pearl Devdas, Associate Professor & Head Department of Geography, Jawaharlal Nehru Rajkeeya Mahavidyalaya (JNRM), Port Blair.
3. Dr. B.N Sahoo, Chief General Manager (HSE & Admin), Oil India Limited (OIL) [Online participation]
4. Shri T.N Krishnamoorthy, Chief Engineer and Administrator, Andaman Lakshadweep Harbour Works (ALHW)
5. Shri K. Palanichamy, Assistant Engineer, Andaman Lakshadweep Harbour Works (ALHW)
6. Shri Abhiman Chandru, Scientist, Andaman and Nicobar Pollution Control Committee (ANPCC)



अंडमान तथा निकोबार प्रशासन
ANDAMAN & NICOBAR ADMINISTRATION
प्रदूषण नियंत्रण समिति
POLLUTION CONTROL COMMITTEE
DEPARTMENT OF SCIENCE AND TECHNOLOGY
Dolly Gunj, Port Blair-744 103 Tel/Fax 250370
e-mail: dstpcc-andamans@nic.in

No. 2-11/PCC/EIA Notfn./2021(I)/ 1354

Port Blair, dated: 23-01-2022

To:

1. Dr. P.M.Mohan ,Chairman, SEIAA, Professor, Department of Ocean Studies and Marine Biology, Pondicherry University Off Campus, Brookshabad, Port Blair – 744112 – Andaman and Nicobar Islands.
2. Mrs. Pearl Devdas, Associate Professor & Head Department of Geography, Jawaharlal Nehru Rajkeeya Mahavidyalaya (JNRM), Port Blair.

Copy to:

1. Dr. B.N Sahoo, Chief General Manager (HSE & Admin), Oil India Limited (OIL), Email: bnsahoo@oilindia.in
2. Shri T.N Krishnamoorthy, Chief Engineer and Administrator, Andaman Lakshadweep Harbour Works (ALHW), Mohanpura, Port Blair
3. Addl. Principal Chief Conservator of Forests (C), Ministry of Env., Forest and Climate Change, Regional Office (SEZ), Ist and IInd Floor, Handloom Export Promotion Council, 34, Cathedral Garden Road, Nungambakkam, Chennai - 34
4. Shri Raj Babu, Technician, ANPCC with a direction to upload the minutes in departmental website.

Member Secretary, ANPCC

Member Secretary
Pollution Control Committee
Andaman & Nicobar Islands
Dollygunj, Port Blair