

MINUTES OF THE 288th MEETING OF EXPERT APPRAISAL COMMITTEE FOR PROJECTS RELATED TO COASTAL REGULATION ZONE HELD ON 16th FEBRUARY,2022

The 288th meeting of the Expert Appraisal Committee for projects related to Coastal Regulation Zone was held on 16th February, 2022 through Video Conferencing due to prevalent pandemic situation. The list of members presents in the EAC (CRZ) are at **Annexure.**

The deliberations held and the decisions taken are as under:

2.0 CONFIRMATION OF THE MINUTES OF THE LAST MEETING

The Committee having noted that the Minutes of the 287th meeting held on 19th January, 2022 are in order and confirmed the same with suggestions that in case any typographical / grammatical errors are noticed in due course, the same may be corrected suitably.

3.0 CONSIDERATION OF PROPOSALS FOR CRZ CLEARANCE

RECONSIDERATION OF PROPOSALS:

Item No. 3.1

Development of Kalari and Martial Arts Cruise Route along Mahe River, Kannur by the Director, Department of Tourism, Government of Kerala- CRZ Clearance regarding [IA/KL/CRZ/236873/2021] [F.NO. 11/36/2021-IA.III]

“The EAC noted that the Project Proponent has given undertaking that the data and information given in the application and enclosures are true to the best of his knowledge and belief and no information has been suppressed in the EIA/EMP report. If any part of data / information submitted is found to be false / misleading at any stage, the project will be rejected and Environmental and or CRZ Clearance given, if any, will be revoked at the risk and cost of the project proponent.”

The proposal was earlier considered by the EAC (CRZ) in its 282nd meeting held on 8th December, 2021. The Committee after detailed deliberations advised the project proponent to revise the proposal as per extant norms of the CRZ Notification, 2011 and accordingly, the proposal was deferred for consideration at a later stage. The additional information desired by the Committee and response submitted by the PP is as under:

1. Observation no.1: The Committee noted that the instant proposal includes toilet block in NDZ area, which is non-permissible activity as per the extant norms of CRZ Notification, 2011

Response: *The Toilet Block proposed at Peringathur location has been excluded as it is considered as a non-permissible activity as per the extant norms of the CRZ Notification 2011. The revised CRZ Map for Peringathur is submitted and presented.*

2. Observation no.2: The Committee also noted that Boat Terminal with waiting room / area proposed in CRZ-IB & CRZ-IV B. The Committee suggested that there shall be clear reflection of the proposed activity with particular proposed area, which should be as per extant norms of the CRZ Notification, 2011 and as amended from time to time

Response: *Only a single structure of boat jetty with a designated area for waiting is planned and no separate waiting room/area is proposed.*

The Kalari and Martial Arts Cruise Journey starts from New Mahe. The tourists will arrive at New Mahe for boarding the cruise. The cruise journey terminates at Peringathur. There are 4 intermediate locations where the tourists would get an opportunity to explore the village life, food and culture of that region.

The boat jetties are proposed at all the locations to facilitate the cruise journey. It provides embarking and disembarking facilities for the tourist along the cruise route. Waiting area as shown in the picture below is not proposed as a separate facility. It is the portion of the boat terminal that provides a space for the tourists to sit up, relax and also to enjoy the scenic beauty of the river from each location.

3. Observation no.3: The Committee also advised that number of pillars should be reduced, which interrupt water flow, without compromising safety and stability of the project.

Response: *The structural design of all the Boat Terminals have been revised by reducing the number of pillars complying with the safety norms. The table shows the initial and revised number of pillars proposed for the boat terminals at each location.*

Sl.No	Location	Initial no. of	Revised no. of
1	New Mahe	90	62
2	Pathikkal	28	18
3	Kakkadavu	52	34
4	Monthal	21	21
5	Kariyad	50	34
6	Peringathur	21	21
Total		262	190

4. The project proponent and their consultant made a detailed presentation of salient features of the project and informed that:

- i. The proposal is for CRZ Clearance to the project for Development of Kalari and Martial Arts Cruise Route along Mahe River, District Kannur, Kerala by the Department of Tourism, Government of Kerala.
- ii. The proposed project is a part of the Establishment of Malanad Malabar River Cruise Tourism Project. The associated facilities for the cruise route are planned at six locations along the banks of Mahe River, which falls in the CRZ area. The proposed cruise route passes from New Mahe to Peringathur. Thus, the boarding point of the cruise will be at New Mahe and the destination point will be at Peringathur. The salient features of the proposed cruise tourism is to explore village life, inland fishing,

serene riverine features etc. The total length of the cruise route is about 14.4 km. The total cost of the project is Rs.13.95 crores

iii. Details of proposed locations are given below:

S. No	Location	Survey/No	Taluk	Village	District
1	New Mahe	24/10	Thalassery	Chokli	Kannur
2	Pathikkal	15	Thalassery	Chokli	Kannur
3	Kakkadavu	17	Thalassery	Chokli	Kannur
4	Monthal	48/1	Thalassery	Peringathur	Kannur
5	Kariyad	237/1	Thalassery	Peringathur	Kannur
6	Peringathur	13	Thalassery	Peringalam	Kannur

iv. The vessel details of proposed Kalari and Martial Arts Cruise Route are as :

Vessel	Length (m)	Breadth (m)	Draft (m)	Passenger Capacity
Freedom	12.518	2.914	0.50	25
Marivillu	12.518	2.914	0.50	25
Kopravallam	12.00	2.50	0.27	10

v. The details of project facilities at different location along with Built Up Area:

S. No	Location	Proposed Facilities	Built up area (sq.m)	CRZ area
1	New Mahe	Boat Terminal	849.00	CRZ IVB, CRZ III (NDZ)
2	Pathikkal	Boat Jetty	252.53	CRZ IVB, CRZ IB
3	Kakkadavu	Boat Jetty	344.40	CRZ IVB
4	Monthal	Boat Jetty	344.40	CRZ IA (50m mangrove buffer), CRZ IB, CRZ IVB
5	Kariyad	Boat Terminal	442.34	CRZ IVB, CRZ II
6	Peringathur	Boat Jetty	442.34	CRZ IVB

vi. The proposed project layout was superimposed on the approved CZMP of the 1:4000 scale map, which was duly prepared by NCSCM Chennai.

vii. The Kerala Coastal Zone Management Authority has recommended the proposal for CRZ clearance vide its letter No: 1673/A2/20/KCZMA, dated 16/07/2021.

5. Deliberations in the EAC:

The Committee made a detailed deliberation on the proposal. The Committee noted that the non-permissible activity proposed in the NDZ area has been excluded and relocated to permissible / outside CRZ area. The project proponent informed the Committee that the Boat Jetty/ Boat Terminal are invariably used to describe the facilities proposed for the boarding / unboarding of the cruise. In boat terminal only a single structure of boat jetty with a designated area for waiting is planned and no separate waiting room/area is proposed. Further, the structural design has been revised by reducing the number of pillars complying with the safety norms. It was also informed to the Committee that no permanent structures are proposed in CRZ IA and only board walking arrangements is provided for entrance. The project proponent has also submitted an undertaking to this effect. The Committee found the additional information submitted by the project proponent to be satisfactory.

6. The Committee after detailed deliberations, considering the submissions made by the project proponent and recommendations of the Kerala CZMA, recommended the proposal for CRZ Clearance, subject to following conditions:

- (i). All construction shall be strictly in accordance with the provisions of the CRZ Notification, 2011 and as amended from time to time.
- (ii). The project proponent shall ensure natural flow of the creek / river water in the project site.
- (iii). No groundwater shall be extracted within CRZ area to meet the water requirements during the construction and / or operation phase of the project.
- (iv). No excavated material during the construction shall be dumped in water bodies or adjacent areas. The site shall be restored to its near original condition after completion of construction of work.
- (v). Any temporary physical infrastructure setup during construction period shall be removed simultaneously with completion of laying of each segment of the project.
- (vi). No permanent labour camp, machinery and material storage shall be allowed in CRZ area.
- (vii). All the conditions stipulated by the Kerala Coastal Zone Management Authority for CRZ clearance vide its letter No: 1673/A2/20/KCZMA dated 16/07/2021 and commitments made by the PP before the CZMA and EAC shall be followed in letter and spirit.
- (viii). All necessary clearance from the concerned authority, as may be applicable should be obtained prior to commencement of project or activity.

Item No. 3.2

Development of Handicraft and Handloom Cruise Operation along Valiyaparamba Backwaters by the Director, Department of Tourism, Government of Kerala- CRZ Clearance regarding [IA/KL/CRZ/237203/2021] [F.NO. 11/37/2021-IA.III]

“The EAC noted that the Project Proponent has given undertaking that the data and information given in the application and enclosures are true to the best of his knowledge and belief and no information has been suppressed in the EIA/EMP

report. If any part of data / information submitted is found to be false / misleading at any stage, the project will be rejected and Environmental and or CRZ Clearance given, if any, will be revoked at the risk and cost of the project proponent.”

The proposal was earlier considered by the EAC (CRZ) in its 282nd meeting held on 8th December, 2021. The Committee after detailed deliberations advised the project proponent to revise the proposal as per extant norms of the CRZ Notification, 2011 and accordingly, the proposal was deferred for consideration at a later stage. The additional information desired by the Committee and response submitted by the PP is as under:

1. Observation no.1: The Committee noted that the instant proposal includes toilet block in NDZ area, which is non-permissible activity as per the extant norms of CRZ Notification, 2011.

Response: *The Toilet Block proposed at Mavilakadappuram location has been excluded as it is considered as a non-permissible activity as per the extant norms of the CRZ Notification 2011. The revised CRZ Map for Mavilakadappuram is submitted and presented.*

2. Observation no.2: The Committee also noted that Boat Terminal with waiting room / area proposed in CRZ-IB CRZ II & CRZ-IV B. The Committee suggested that there shall be clear reflection of the proposed activity with particular proposed area, which should be as per extant norms of the CRZ Notification, 2011 and as amended from time to time

Response: *Only a single structure of boat jetty with a designated area for waiting is planned and no separate waiting room/area is proposed.*

The Handicraft and Handloom Cruise Journey starts from Kottappuram. The tourists will arrive at Kottappuram for boarding the cruise. The cruise journey terminates at Punnakkadavu. There are 3 intermediate locations where the tourists would get an opportunity to explore the village life, food and culture of that region.

The boat jetties are proposed at all the locations to facilitate the cruise journey. It provides embarking and disembarking facilities for the tourist along the cruise route. Waiting area is not proposed as a separate facility. It is the portion of the boat terminal that provides a space for the tourists to sit up, relax and also to enjoy the scenic beauty of the river from each location.

3. Observation no.3: The Committee also advised that number of pillars should be reduced, which interrupt water flow, without compromising safety and stability of the project.

Response: *The structural design of all the Boat Terminals have been revised by reducing the number of pillars complying with the safety norms. The table shows the initial and revised number of pillars proposed for the boat terminals at each location.*

S.No	Location	Initial no. of pillars	Revised no. of pillars
1	Kottappuram	98	78
2	Mavilakadappuram	38	34
3	Madakkal	14	12
4	Kavvayikalikadappuram	72	60
5	Punnakkadavu	24	20
Total		246	204

4. The project proponent and their consultant made a detailed presentation of salient features of the project and informed that:

- i. The proposal is for CRZ Clearance to the project for Development of Handicraft and Handloom Cruise Route along Valiyaparamba Backwaters of Kannur and Kasargod Districts, Kerala by the Department of Tourism, Government of Kerala.
- ii. The proposed project is a part of the Establishment of Malanad Malabar River Cruise Tourism Project. The associated facilities for the cruise route are planned at five locations along the banks of Valiyaparamba backwaters, which falls in the CRZ area. The proposed cruise route passes from Kottappuram to Punnakkadavu. Thus, the boarding point of the cruise will be at Kottappuram and the destination point will be at Punnakkadavu. The salient features of the proposed cruise tourism is to explore village life, inland fishing, serene riverine features etc. The total length of the cruise route is about 22.90 km. The total cost of the project is Rs.19.03 crores
- iii. Details of proposed locations are given below:

S. No	Location	Survey/No	Taluk	Village	District
1	Kottappuram	654/1	Hosdurg	Nileswaram	Kasargod
2	Mavilakadappuram	99/1	Hosdurg	Valiyaparamba	Kasargod
3	Madakkal	1	Hosdurg	Valiyaparamba	Kasargod
4	Kavvayi Kalikkadappuram	1	Payyannur	Payyannur	Kannur
5	Punnakkadavu	1	Payyannur	Ramanthalli	Kannur

iv. The vessel details of proposed Handicraft and Handloom Cruise Route are as :

Vessel	Length (m)	Breadth (m)	Draft (m)	Passenger Capacity
Freedom	12.518	2.914	0.50	25
Marivillu	12.518	2.914	0.50	25
Kopravallam	12.00	2.50	0.27	10

v. The details of project facilities at different location along with Built Up Area:

S. No	Location	Proposed Facilities	Built up area (sq.m)	CRZ area
1	Kottappuram	Boat Terminal	805.33	CRZ IB,CRZ II,CRZ IVB
2	Mavilakadappuram	Boat Terminal	805.33	CRZ IB,CRZ IVB
3	Madakkal	Boat Jetty	101.58	CRZ III (NDZ), CRZ IVB
4	Kavvayi Kalikkadappuram	Boat Terminal	757.60	CRZ IB,CRZ IVB
5	Punnakkadavu	Boat Jetty	210.85	CRZ IB, CRZ IVB

- vi. The proposed project layout was superimposed on the approved CZMP of the 1:4000 scale map, which was duly prepared by NCSCM Chennai.
- vii. The Kerala Coastal Zone Management Authority has recommended the proposal for clearance vide its letter No: 1673/A2/20/KCZMA, dated 16/07/2021

5. Deliberations in the EAC:

The Committee made a detailed deliberation on the proposal. The Committee noted that the non-permissible activity proposed in the NDZ area has been excluded and proposed to relocate outside CRZ area. The project proponent informed the Committee that the Boat Jetty/ Boat Terminal are invariably used to describe the facilities proposed for the boarding/unboarding of the cruise. The project proponent has also submitted an undertaking to this effect. In boat terminal only a single structure of boat jetty with a designated area for waiting is planned and no separate waiting room/area is proposed. Further, the structural design has been revised by reducing the number of pillars complying with the safety norms. The Committee found the additional information submitted by the project proponent to be satisfactory.

6. The Committee after detailed deliberations, considering the submissions made by the project proponent and recommendations of the Kerala CZMA, recommended the proposal for CRZ Clearance, subject to following conditions:

- (ix). All construction shall be strictly in accordance with the provisions of the CRZ Notification, 2011 and as amended from time to time.
- (x). The project proponent shall ensure natural flow of the creek/river water in the project site.
- (xi). No groundwater shall be extracted within CRZ area to meet the water requirements during the construction and / or operation phase of the project.
- (xii). No excavated material during the construction shall be dumped in water bodies or adjacent areas. The site shall be restored to its near original condition after completion of construction of work.
- (xiii). Any temporary physical infrastructure setup during construction period shall be removed simultaneously with completion of laying of each segment of the project.
- (xiv). No permanent labour camp, machinery and material storage shall be allowed in CRZ area.
- (xv). All the conditions stipulated by the Kerala Coastal Zone Management Authority for CRZ clearance vide its letter No: 1673/A2/20/KCZMA dated 16/07/2021 and commitments made by the PP before the CZMA and EAC shall be followed in letter and spirit.
- (xvi). All necessary clearance from the concerned authority, as may be applicable should be obtained prior to commencement of project or activity.

CONSIDERATION OF FRESH PROPOSALS:

Item No. 3.3

Proposal for Development of “Mangrove Cruise Route” along Kuppam River, Kannur the Director, Department of Tourism, Government of Kerala-CRZ Clearance regarding [IA/KL/CRZ/237781/2022] [F.NO.11/6/2022-IA.III]

“The EAC noted that the Project Proponent has given undertaking that the data and information given in the application and enclosures are true to the best of his knowledge and belief and no information has been suppressed in the EIA/EMP report. If any part of data / information submitted is found to be false / misleading at any stage, the project will be rejected and Environmental and or CRZ Clearance given, if any, will be revoked at the risk and cost of the project proponent.”

1. The project proponent and their consultant made a detailed presentation of salient features of the project and informed that:
 - i. The proposal is for CRZ clearance to the project for Development of Mangrove Cruise Route along Kuppam River of Kannur District, Kerala by the Department of Tourism, Government of Kerala.
 - ii. The proposed project is a part of the Establishment of Malanad Malabar River Cruise Tourism Project. The associated facilities for the cruise route are planned at eight locations along the banks of Kuppam River, which falls in the CRZ area.
 - iii. The proposed cruise route passes from Pazhayangadi to Kattampallikkadavu. Thus, the boarding point of the cruise will be at Pazhayangadi and the destination point will be at Kattampallikkadavu. The salient features of the proposed cruise tourism is to explore village life, inland fishing, serene riverine features etc.
 - iv. The total length of the cruise route is about 30.18 km. The total cost of the project is ₹17.60 crores.
 - v. Details of proposed locations are given below:

S. No	Location	Survey/No	Taluk	Village	District
1	Pazhayangadi	114/7B	Talipparamba	Madayi	Kannur
2	Pazhayangadi Muttukandi	120/1	Talipparamba	Ezhome	Kannur
3	Thavam	2	Talipparamba	Cherukunnu	Kannur
4	Cherukunnu	331/9A,331/3	Talipparamba	Cherukunnu	Kannur
5	Pattuvam Muthukuda	254/1	Talipparamba	Pattuvam	Kannur
6	Pattuvam Mangalasseri	436/1	Talipparamba	Pattuvam	Kannur
7	Kuppam	33/1,33/2,34(b),34/10	Talipparamba	Talipparamba	Kannur

8	Kattampallykkadavu	132	Talipparamba	Kooveri	Kannur
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vi. The vessel details of proposed Mangrove Cruise Route are as :

Vessel	Length (m)	Breadth (m)	Draft (m)	Passenger Capacity
Freedom	12.518	2.914	0.50	25
Marivillu	12.518	2.914	0.50	25
Kopravallam	12.00	2.50	0.27	10

vii. The details of project facilities at different location along with Built Up Area:

Sl. No	Location	Proposed Facilities	Built up area (sq.m)	CRZ area
1	Pazhayangadi	Boat Terminal	563	
2	Pazhayangadi Muttukandi	Boat race Gallery	1188	CRZIA(50 m mangrove buffer), CRZ IB, CRZ IVB
		Pearl Spot Floating Restaurant	275	CRZ IB, CRZ IVB
3	Thavam	Boat Jetty	87	CRZ IB, CRZ IVB
4	Cherukunnu	Minor Boat Terminal Type B	114	CRZ IB, CRZ IVB
5	Pattuvam Muthukuda	Boat Jetty	87	CRZ IB, CRZ IVB
		Erumadam	16	
6	Pattuvam Mangalasseri	Major Boat Terminal	157.83	CRZ IVB
7	Kuppam	Major Boat Terminal 1	145.50	CRZ IVB
		Major Boat Terminal 2	84.70	
		Erumadam	16	
		Biotoilet and Septic tank	32.24	CRZ II
		Natural Rough Paving Stone Paved Parking Yard - 10000sqft	735.74	CRZ II
8	Kattampallykkadavu	Boat Jetty	94.72	CRZ IVB

- viii. The proposed project layout was superimposed on the approved CZMP of the 1:4000 scale map, which was duly prepared by NCSCM Chennai.
- ix. The proposed project / activities are permissible as per para 3(i)(a) and 4 (i) (f) of the CRZ Notification, 2011
- x. The Kerala Coastal Zone Management Authority has recommended the proposal for clearance vide its letter No: 1673/A2/20/KCZMA, dated 16/07/2021.

2. Deliberations in the EAC:

The Committee deliberated on the proposal and noted that the project proponent has not provided the CRZ area status of Pazhayangadi wherein Boat Terminal in an area of 563 Sq.m is proposed. The Committee also observed that there is no mention of the proposed location in the Kerala CZMA recommendations too and that a clarity is required on the floating restaurant. The Committee also desired to have revised/composite map of the proposed locations.

3. *The Committee, after detailed deliberations, deferred the proposal for want of the following information and advised the project proponent to revise the proposal as per the extant norms of the CRZ Notification, 2011:*

- (i). *The CRZ area status of Pazhayangadi wherein in a Boat Terminal is proposed shall be provided.*
- (ii). *Recommendations of Kerala CZMA for the proposed activities in the CRZ area.*
- (iii). *Details of the floating restaurant, its location, mobility, safety features, etc.*
- (iv). *Revised/composite map of the proposed locations.*
- (v). *Non-permissible activity in NDZ area, if any, as per the extant norms of CRZ Notification, 2011 shall be relocated to permissible area/outside CRZ area and details shall be provided.*
- (vi). *The number of pillars should be minimum, as not to interrupt the water flow, without compromising safety and stability of the project.*

Item No. 3.4

Proposal for the extension of P-Xylene pipeline (approx-340 meters) on the western side of Hooghly River at Haldia Duck Complex, District-Purba Medinipur, West Bengal by MCPI Private Limited - CRZ Clearance [IA/WB/CRZ/250513/2022] [F.NO.11/2/2022-IA.III]

“The EAC noted that the Project Proponent has given undertaking that the data and information given in the application and enclosures are true to the best of his knowledge and belief and no information has been suppressed in the EIA/EMP report. If any part of data / information submitted is found to be false / misleading at any stage, the project will be rejected and Environmental and or CRZ Clearance given, if any, will be revoked at the risk and cost of the project proponent.”

1. The project proponent made a detailed presentation of salient features of the project and informed that:
 - (i) The proposal is for CRZ clearance to the project for extension (approx. 340 meters)

of Para-Xylene Pipeline (within Port area) from the running 18-inch over-ground pipeline to the Outer Terminal (OT-II) of Haldia Dock Complex (HDC) through an existing 'T' connection.

- (ii) The major portion of the pipeline (264 meters) will be underground in the landward side (24.3 meters away from the HTL). Thereafter the pipeline will run over the OT-II trestle of length about 76 meters (under advanced stage of construction), the jetty trestle being about 8.7 meters above the ground level CD. The total length of 340.0567 m pipeline falling in CRZ area, the details are as under:

Sl. No.	Description	Length (in meters)	Percentage
1	Total length of proposed pipeline	340.0567	100.00
2	CRZ – IA (Mudflat)	8.2202	≈ 2.42
3	CRZ – IB (Intertidal)	8.2766	≈ 2.43
4	CRZ – II (Developed Area)	263.8714	≈ 77.60
5	CRZ – IVB (Water)	59.6885	≈ 17.55

- (iii) No land is required to be acquired. Pipeline will be laid on undeveloped land within port area and will pass through the fixed pipeline corridor, earmarked by HDC.
- (iv) The Total power requirement will be 3 KVA for construction of pipeline.
- (v) One time 100 KL water will be required for Hydro testing of pipeline during implementation of the project. During operation, about 100 liters per day water will be required only during unloading of Para-xylene from ship to plant through pipeline.
- (vi) No effluent will be generated during operation of the proposed project.
- (vii) The reusable solid wastes will be sold periodically and non-reusable wastes will be used for landfilling purposes in the dock premises or will be disposed-off in consultation with the concerned Civic body. During operational phase, no such solid waste will be generated.
- (viii) As such no hazardous wastes will be generated during construction phase. In case any hazardous waste is generated, it will be disposed off through Treatment, Storage & Disposal Facility (TSDF) at Haldia.
- (ix) The estimated project cost is ₹2.9 crores.
- (x) During construction phase, 25 persons temporarily, and during operation phase (unloading of Para-Xylene from ship to Plant through pipeline), 2 persons will be engaged permanently.
- (xi) MCPI Private Limited has received Way Leave Permission for laying such Para-Xylene Pipeline from Haldia Dock Complex vide letter No: Ad/E/996/MCPI/OT-2/2105 dated 24th August 2021.
- (xii) MoEF&CC had issued Environmental Clearance (EC) and CRZ Clearance for construction & operation of Cargo Handling in Outer Terminal II (OT II) of Haldia Dock Complex dated 30th October 2018.
- (xiii) The proposal is a permissible activity as per para 3(i) (a) and requires approval from the Ministry under para 4(ii)(d) of the CRZ Notification, 2011.
- (xiv) Recommendation from West Bengal State Coastal Zone Management Authority (WBSCZMA) was granted (vide letter no. 2144-EN/T/II-4/30/2021 dated 07-12-2021).

2. Deliberations in the EAC:

The Committee made a detailed deliberation on the proposal. The Committee noted that the proposed project is for laying of Para-Xylene Pipeline (within Port area) from the running 18-inch over-ground pipeline to the Outer Terminal (OT-II) of Haldia Dock Complex (HDC) through an existing 'T' connection. Total length of proposed pipeline will be 340.0567 meters. The Committee noted that laying of pipeline is a permissible activity in the CRZ area and the recommendations of the West Bengal CZMA has been obtained as per the CRZ Notification, 2011. The Committee noted that, HDC has already earmarked a dedicated land corridor for all industries to lay their pipelines and the proposed 340 m pipeline design of MCPI follows the same dedicated land corridor as provided by HDC. The Committee after detailed deliberations and considering the submissions made by the project proponent, recommended the proposal for CRZ Clearance, subject to following conditions:

- (i). All construction shall be strictly in accordance with the provisions of the CRZ Notification, 2011 and as amended from time to time.
- (ii). The Haldia Dock Complex (HDC) has already earmarked a dedicated land corridor for all industries to lay their pipelines and the proposed pipeline shall also be laid on the same dedicated land corridor.
- (iii). To prevent any leakage and corrosion of underground portion of pipeline, periodic monitoring and inspection in pipeline shall be undertaken, measuring pipe-to-soil potential value of test lead point.
- (iv). The firefighting equipment & spill control equipment during unloading of para-xylene at jetty shall also be ensured.
- (v). No groundwater shall be extracted within CRZ area to meet the water requirements during the construction and / or operation phase of the project.
- (vi). Excavated material during the construction shall not be dumped in water bodies or adjacent areas.
- (vii). The site shall be restored to its near original condition after completion of construction of work.
- (viii). Any temporary physical infrastructure setup during construction period shall be removed simultaneously with completion of laying of each segment of the project.
- (ix). All the conditions stipulated by the West Bengal Coastal Zone Management Authority vide CRZ recommendation letter dated 07/12/2021, and commitments made by the PP before the CZMA shall be followed in letter and spirit.
- (x). All necessary clearance from the concerned authority, as may be applicable should be obtained prior to commencement of project or activity.

Item No. 3.5

Proposal for Construction of Additional Approach and wharf at Hutbay in Little Andaman by M/s Andaman Lakshadweep Harbour Works(ALHW), Port Blair-CRZ Clearance-regarding.

[IA/AN/CRZ/183680/2020] [F.NO.11/3/2022-IA.III]

“The EAC noted that the Project Proponent has given undertaking that the data and information given in the application and enclosures are true to the best of his knowledge and belief and no information has been suppressed in the EIA/EMP report. If any part of data / information submitted is found to be false / misleading at

any stage, the project will be rejected and Environmental and or CRZ Clearance given, if any, will be revoked at the risk and cost of the project proponent.”

1. The EAC requested to Project Proponent / Consultant before made detailed presentation of the project first present the chorology of the project and informed that:

- (i) The project is for the construction of Additional Approach and wharf at Hutbay in Little Andaman by M/s Andaman Lakshadweep Harbour Works(ALHW), Port Blair.
- (ii) ANCZMA recommended the project proposal dated 29/12/2021 *vide* letter No. APCCF/EPA/239/491.
- (iii) The ToR was granted by SEAC *vide* No. 2-1/PCC/EIA/Notifn/2015/259 dated 24-08- 2017.
- (iv) CRZ demarcation work was completed in January 2017 by IRS, Anna university (Proposed site falls under the ICRZ – Ib, III and ICRZ IV (i) category).
- (v) The proposal was submitted for CRZ Clearance & EC Clearance dated 13th December 2017 respectively.
- (vi) Project was considered in A&NCZMA meeting for CRZ clearance on 29th January 2018. The deliberation of minutes recorded that the proposed site falls under Category ICRZ -I (b), III and IV (i) and as per IPZ Notification, 2011 para III D 1(b)(ii), para III D 3(a) (i) and para III D 4 it's a permissible activity. Hence, the Members of the Authority approved recommending the project proposal to NCZMA.
- (vii) Project was considered in A&NCZMA meeting for CRZ clearance in April 2018 and the deliberation of minutes recorded that the Member Secretary, ANCZMA informed that the representation received from Executive Engineer, ALHW was place in the ANCZMA meeting held 29/01/2018 wherein, the Authority were of the view that since, the project proposal have been sent to NCZMA that ANCMZA is competent enough to accord approval for the proposal, hence we may first seek clarification whether the project could be approved at the level of ANCZMA.

Further also recorded minutes in April 2018 that the Director(CRZ), MOEFCC informed that for any proposal requires composite approval under CRZ & EC, then, project fall under Cat A and may be sent to NCZMA with recommendations of ANCZMA and *if project falls under Cat B then proposal may sent to SEIAA / SEAC with recommendations of ANCZMA for approval.*

- (viii) The SEIAA in its meeting held on 09.05.2018 for approval of Environmental Clearance and recommendation of SEAC was accorded *vide* No.2-11/PCC/EIA/Notifn/2015/259 dated 24-08- 2017.
- (ix) The 40th MOEF meeting to be on 18 March 2020 (under Expert Appraisal Committee Nuclear, Defence, and Related projects and the meeting was postponed due to pandemic (corona virus) spread.
- (x) 40th MOEF meeting dated 2nd April 2020 (under Expert Appraisal Committee Nuclear, Defence, and Related projects - conducted online).
- (xi) 41st MOEF meeting dated 15 July 2020 (under Expert Appraisal Committee Nuclear, Defence, and Related projects - conducted online)- Members said project was cleared but MoM awaited.
- (xii) Afterword in December 2020, the PP uploaded on Parivesh Portal for CRZ clearance as an incomplete proposal and the Ministry raised EDS on 04/12/2020,

- 01/04/2021, 20/12/2021 and 27/12/2021 and suggested to upload all statutory documents for the instant proposal as per para 4.2 of the CRZ Notification, 2011.
- (xiii) The PP uploaded all statutory documents for the instant proposal as per para 4.2 of the CRZ Notification, 2011 on 03/01/2022 and project placed before the EAC for consideration of CRZ clearance.

2. Deliberations in the EAC:

The Committee made a detailed deliberation on the proposal. The Committee noted that the project involves activities requiring composite clearance (EC+ CRZ) and the SIEAA has granted environmental clearance in July, 2017 subject to clearance on CRZ angle. The Project Proponent has submitted the proposal with the EAC (Nuclear, Defence, and Related projects) two-three years after getting the EC, which was heard by the Committee on 2nd April 2020 and 15th July 2020 and no decision was taken. Reasons for the same are not stated.

The instant project is for CRZ clearance as per the IPZ Notification 2011. As per the A&NCZMA minutes of the meeting for CRZ clearance on April 2018, it was recorded that **“that the Director (CRZ), MOEFCC informed that for any proposal requires composite approval under CRZ & EC, then, project fall under Cat A may sent to NCZMA with recommendations of ANZMA and if project falls under Cat B then proposal may sent to SEIAA / SEAC with recommendations of ANZMA for approval”**. Which implies that that the instant Category ‘B’ project require composite clearance from SEIAA based on the recommendations of the CZMA.

The Committee opined that the project is related to EC+CRZ clearance and as the project falls under category B. However, project proponent stated that the proposed work is already completed. It is currently beyond scope of the Committee to recommend further course of action as the case may constitute post facto mater. Ministry may take a view of the same.

Item No. 3.6

Proposal for Construction of Beach Park at Sy.No.331 of Suryaraopeta, Tammavaram Village, Kakinada Rural Mandal, Kakinada, East Godavari District, Andhra Pradesh by Godavari Urban Development Authority (GUDA) - CRZ Clearance [IA/AP/CRZ/254454/2022] [F.NO.11/4/2022-IA.III]

“The EAC noted that the Project Proponent has given undertaking that the data and information given in the application and enclosures are true to the best of his knowledge and belief and no information has been suppressed in the EIA/EMP report. If any part of data / information submitted is found to be false / misleading at any stage, the project will be rejected and Environmental and or CRZ Clearance given, if any, will be revoked at the risk and cost of the project proponent.”

The project proponent submitted documents and made a detailed presentation of salient features of the project and informed that:

(i) The proposal is for CRZ Clearance for the construction of Beach Park 3.0 Acres. Govt. land area available at Sy.No.331 of Suryaraopeta, Tammavaram Village, Kakinada Rural Mandal, Kakinada, East Godavari District, Andhra Pradesh.

(ii) The proposed project site is about 170 m from the High Tide Line (HTL) and falls under CRZ-III category as per CRZ Notification, 2011. The part of the proposed Beach Park falls within No Development Zone – upto 200m from HTL (CRZ –III) and part of it falls in CRZ – III between 200-500m from HTL. The project attracts the provision of the CRZ 2011 Notifications and permitted activity under clause 8 III Para A (iii) a.

SN	Description	CRZ Area
1	Upto 200m from HTL	5573 Sq.m
2	Beyond 200m from HTL	4367 Sq.m

(iii) The Co-ordinates for the project components are as:
 - Latitude: 17°0'57.420"N, Longitude: 82°17'19.824"E
 - Latitude: 17°0'56.772"N, Longitude: 82°17'22.020"E
 - Latitude: 17°0'52.416"N, Longitude: 82°17'20.580"E
 - Latitude: 17°0'53.100"N, Longitude: 82°17'18.312"E

(iv) The construction activity involves of proposed beach park are: temporary construction of 3 pedestals and Platform around (11.0 m x 9.0 m) to erect the decommissioned Air craft, pathways with paver tiles and kerb stones, prefabricated compound wall (height 1.50 m) all round the Site (110 m x 70 m), drive-in with 15 food courts, Interpretation Centre and Tourist amenities center, yard lighting and a central high mast light & Interpretation Centre and Tourist amenities centre. Adequate Landscaping and Hardscaping would be developed in the area to augment the Tourism activity.

(v) As of now compound wall, site preparation and walkways constructed within the proposed site premises. Due to agreement with the Ministry of Defence (Indian Navy) and have to lift - Decommissioning Air Craft to our site by February 2021. But, due to Covid-19 pandemic issues, we unable to complete procedural activities and we have been forced to take up the Aircraft and there is no option for us to place at site on temporary structures. Since the structures proposed have no structural importance, only shallow foundations at 1.50 m below ground level are proposed.

(vi) It is proposed to have landscape development along the periphery of the site and also to develop lawn and greenery inside the project area. The vegetation for the greenbelt will be selected from the native species adapted to the local environment

Particular	Area (Sq. m)
Total site area	12140.57
Ground Coverage area	1604.68
Landscaping/Greenbelt	3535.57
Open area	7000.32

(vii) The PP intimated that since the proposed Total Built Up Area of the project is Sq.m (< 20,000 Sq.m), the proposed project does not attract Environmental Clearance under EIA notification, 2006.

(viii) The water requirement will be 3.0 KLD. Water for construction purpose will be outsourced and will be around 10 KLD. During Operation Phase, the water requirement for drinking water facility for the visitors, drive-in and for landscape development will be 5.0 KLD met from private tankers. No surface or subsurface water is proposed for drawl.

(ix) Total 30 Kg/day Solid waste (Garbage- 25 Kg/day + Landscaping waste- 5 Kg/day) will be generated and disposed-off as per standard procedure.

(x) Sewage generated (3.2 KLD) during the occupation phase will be routed to septic tank followed by soak pit

(xi) During Construction and Operation Phase, power will be provided by 3KWH power will be required which will be used via connection by APEPDCL. Power requirement will be met from APEPDCL.

(xii) Total cost of the proposed Beach Park is ₹2.50 crores.

(xiii) The Andhra Pradesh Coastal Zone Management Authority has send the recommendations of No Objection to MoEFCC, for the proposal for CRZ clearance *vide* letter No. 196/CRZ/IND/20204 dated 1st February, 2021.

2. Deliberations in the EAC:

The Committee made a detailed deliberation on the proposal. Committee noted that the Project proponent has not provided the details about total buildup area on each proposed construction activities i.e. 15 food courts, Interpretation Centre and Tourist Amenities Center, pathways with paver tiles and kerb stones, prefabricated compound wall (height 1.50 m) all round the Site (110m x 70m), yard lighting and a central high mast light & Interpretation Centre and Tourist amenities centre. Adequate Landscaping and Hardscaping would be developed in the area to augment the Tourism activity.

The PP intimated that since the proposed Total Built Up Area of the project is < 20,000 Sq.m. the proposed project does not attract the provisions for Environmental Clearance as per the EIA Notification, 2006. The Committee desired to know the details of the total built up area in the proposed project. The Committee also desired that the SCZMA recommendation shall clearly mention the permissibility of the activity, mentioning para / clause as per the CRZ Notification, 2011 and details of the approving authority (MoEFCC or SIEAA), and the recommendations shall be forwarded to the concerned authority accordingly.

The Committee noted that the area is already cleared for decommissioned aircraft and it appears that the aircraft has also been placed in the proposed project site, which falls within No Development Zone upto 200m from HTL (CRZ –III). All the facilities / activities to be mapped on 1:4000 scale with details of facilities falling under NDZ and Non NDZ areas.

The Committee also desired to have detailed Disaster Management Plan (DMP) as the project is located in CRZ-III and cyclone prone area.

The proposal was accordingly deferred for the needful and for consideration at a later stage.

Item No. 3.7

Proposal for Construction of Seawater Reverse Osmosis Plant (Desalination Plant) with Capacity of 15 MLD by M/s Coromandel Internal Limited, Post Box No.1116, Sriharipuram, Malkapuram Post, Visakhapatnam, Andhra Pradesh-CRZ Clearance [IA/AP/CRZ/254209/2022] [F.NO.11/5/2022-IA.III]

“The EAC noted that the Project Proponent has given undertaking that the data and information given in the application and enclosures are true to the best of his knowledge and belief and no information has been suppressed in the EIA/EMP report. If any part of data / information submitted is found to be false / misleading at any stage, the project will be rejected and Environmental and or CRZ Clearance given, if any, will be revoked at the risk and cost of the project proponent.”

The project proponent made a detailed presentation of salient features of the project and informed that:

- (i) The proposal is for CRZ clearance to the project for construction of Seawater Reverse Osmosis Plant (Desalination Plant) with Capacity of 15 MLD by M/s Coromandel Internal Limited, Sriharipuram, Malkapuram Post, Visakhapatnam, Andhra Pradesh.
- (ii) Major source of water for GVMC, the Channel Originates from Meghadri Gedda Reservoir and flows into the Bay of Bengal via Harbour Basin of Visakhapatnam Port. Outfall from SWRO Joins the Meghadri Gedda surplus course near the creek confluence point. Upstream Fresh Water Inflow and Tidal fluctuation in the creek ensure adequate dilution of outfall from the facility.
- (iii) Pipeline from intake channel to proposed site 191m and 24 Inch Dia, pipeline from proposed site to outfall channel 136m and 24 Inch Dia SWRO facility area is 5 Acres (vacant land) within the existing facility and all Proposed facilities fall under Non CRZ area.
- (iv) The sea water intake will be 40,000 m³/day, recovery efficiency 37.5%, permeate 15000 m³/day, reject 25000 m³/day.
- (v) The proposed developments are falling in the CRZ area as follows:

SI. No	Proposed Facilities	Length (m)	CRZ Classification
1	Sea Water Intake Pump Existing and proposed	-	CRZ-IV B
2	Existing Sea Water Intake Channel	21.43	CRZ-II

3	Existing Sea Water Intake Channel	3835.57	Outside CRZ
4	Proposed Sea Water Intake Pipeline	191	Outside CRZ
5	Proposed SWRO Plant	5 Acres	Outside CRZ
6	Proposed Brine Outfall Pipeline	136	Outside CRZ
7	Existing Outfall Channel	1340	Outside CRZ

- (vi) Existing pump-house, intake and outfall channels are operational since 1967, existing pump house capacity: 4500 m³/hr (84,600 m³/day), additional proposed pump capacity: 1670 m³/hr (40,000 m³/day), existing channel capacity: 24,333 m³/hr (5,84,002 m³/day).
- (vii) The CRZ map of 1:4000 scale was prepared by National Centre for Sustainable Coastal Management (NCSCM) Chennai.
- (viii) Municipal Solid waste generated during construction waste from labours will be 36.5 Ton/annum and will be disposed *via* authorised vendors and recyclers.
- (ix) The electrical power for running the SWRO plant will be sourced from the existing approved contract demand by APGPCL and APEPDCL (Grid) and Internal power generation.
- (x) The total cost of the project is ₹140 crores.
- (xi) The Andhra Pradesh Coastal Zone Management Authority has recommended the proposal for clearance vide its Letter No. 307/CRZ/IND/2021, dated 18/01/2022.

2. Deliberations in the EAC:

The Committee made a detailed deliberation on the proposal. The Committee noted that the existing and proposed sea water intake pump and existing sea water intake channel is in CRZ-IVB and CRZ-II respectively. It was also noted that existing pump-house, intake and outfall channels are operational since 1967, existing pump house capacity: 4500 m³/hr (84,600 m³/day). The proposed project/activity is permissible as per para 3 (i) (c) and 4 (h) of the CRZ Notification, 2011.

The Committee after detailed deliberations and considering the submissions made by the project proponent, recommended the proposal for CRZ Clearance, subject to following conditions:

- (i). All construction shall be strictly in accordance with the provisions of CRZ Notification, 2011 and as amended from time to time.
- (ii). No storage reservoir for sea water shall be permitted and only pipelines conveyance system shall be installed.
- (iii). No groundwater shall be extracted within CRZ area to meet water requirements during the construction and / or operational phase of the project.
- (iv). No excavated material during the construction shall be dumped in water bodies or adjacent areas. The site shall be restored to its near original condition after completion of construction.
- (v). Any physical infrastructure setup during construction period shall be removed simultaneously with completion of laying of each segment of the project.

- (vi). All the conditions stipulated by the Andhra Pradesh Coastal Zone Management Authority for CRZ clearance vide its letter No: 307/CRZ/IND/2021 dated 18/01/2022, and commitments made by the PP before the CZMA and EAC shall be followed in letter and spirit.
- (vii). All necessary clearance from the concerned authority, as may be applicable should be obtained prior to commencement of project or activity.

EXTENSION OF VALIDITY

Item No. 3.8

Augmentation of Seawater intake and Desalination facilities at Sikka, Jamnagar, Gujarat by M/s Reliance Industries Limited-Extension of validity in CRZ Clearance

[IA/GJ/CRZ/252209/2022] [F.NO.11-63/2013-IA.III]

The project proponent informed the Ministry about their inability to attend the meeting and requested to be considered in next meeting.

4.0 Any other item with the permission of the Chair.

The meeting ended with a Vote of Thanks to the Chair.

List of the Expert Appraisal Committee (CRZ) Members participated during Video Conferencing (VC) Meeting held on 16th February, 2022

S. No.	Name of Members	Designation
1.	Dr. Deepak Arun Apte	Chairman
2.	Dr. Manoranjan Hota	Member
3.	Shri Manmohan Singh Negi	Member
4.	Shri Sham Wagh	Member
5.	Prof. Ashok Kumar Pachauri	Member
6.	Shri S. Jeyakrishnan	Member
7.	Prof. V.K Jain	Member
8.	Dr. M.V. Ramana Murthy	Member
9.	Shri. R.P.S Verma	Member
10.	Dr. Niraj Sharma	Member
11.	Dr. H. Kharkwal	Member Secretary
MoEF&CC		
11.	Dr. Abhilasha S. Mathuriya	Scientist 'D'
12.	Dr. Nobi E. P	Scientist 'B'