



ODISHA COASTAL ZONE MANAGEMENT AUTHORITY

Forest & Environment Department, Government of Odisha

Letter No. 55(12)/OCZMA

F.No. OCZMA/11/2018-19

Dt. 12.02.2019

From

Dr. K. Murugesan, IFS
Member Secretary, OCZMA

To

Commissioner-cum-Secretary to Govt. Housing and Urban Development Department, Govt. of Odisha	Member
Commissioner-cum-Secretary to Govt. Fisheries and Animal Resources Development Department, Government of Odisha	Member
Principal Chief Conservation of Forest (WL) and Chief Wildlife Warden, Odisha	Member
Dr. B.R. Subramanian Former Director, ICMAM Chennai	Member
Chairman, State Pollution Control Board, Odisha or Member Secretary, State Pollution Control Board, Odisha	Member
Chief Executive, Odisha Space Application Centre, Bhubaneswar	Member
Chief Executive, Chilika Development Authority, Bhubaneswar	Member
Project Director ICZM Project, Odisha	Member
Chief Conservator of Forests, Regional Office of Ministry of Environment and Forests, Bhubaneswar	Member
Shri Mangaraj Panda Secretary, United Artists Association, Ganjam	Member
Dr. Rabindra Nath Hota, Professor of Geology, Utkal University, Bhubaneswar	Member
Head of Department of Marine Science, Berhampur University, Odisha	Member

Sub: Proceedings of 31st meeting of the Odisha Coastal Zone Management Authority.

Sir,

I would like to transmit herewith the proceedings of 31st meeting of the Odisha Coastal Zone Management Authority held on 25.01.2019 at 11.00 am under the Chairmanship of Additional Chief Secretary, Forest & Env. Department and Chairman, OCZMA in the Conference hall of ICZMP, Odisha, 1st Floor, Administrative Building, Regional Plant Resource Center Campus, Nayapalli, Bhubaneswar.

This is for your kind perusal and necessary action.

Yours faithfully,


Member Secretary, OCZMA

Dt. 12.02.2019

Memo No. 56/OCZMA

Copy submitted to the Private Secretary to Addl. Chief Secretary, Forest & Environment Department for kind information of ACS, F&E Dept.


Member Secretary, OCZMA

Proceedings of 31st meeting of the Odisha Coastal Zone Management Authority (OCZMA) held on 25.01.2019 at 11.00 am.

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The 31st meeting of the Odisha Coastal Zone Management Authority (OCZMA) was held on 25.01.2019 at 11.00 am under the Chairmanship of Additional Chief Secretary to Govt., F&E department, Govt. of Odisha. The list of members present is attached.

A. Confirmation of the minutes of 30th OCZMA Meeting

The minutes of the 30th meeting of OCZMA were sent to all the members vide letter No.9 (12) dated 10.01.2018. Since no comments were received, the proceeding was treated as confirmed.

B. Compliance to the decision taken in the last OCZMA Meeting

The Authority was informed about the action taken on the decisions of the previous meeting regarding the following projects;

Sl. No.	Project	Decision Taken	Compliance	Remarks
1	Laying of petroleum product pipeline (Paradip-Hyderabad pipeline) in the state of Odisha by Indian Oil Corporation Limited (IOCL), Paradip, Odisha.	Authority discussed the matter in detail and decided to recommend the proposal to MoEF& CC, Govt. of India for grant of CRZ clearance	The proposal was recommended to MoEF & CC Govt. of India for grant of CRZ clearance vide letter no.13/ OCZMA dt. 11.01.2018 with a copy to the project proponent vide letter No. 14/OCZMA dt. 11.01.2018.	Noted
2	Laying of pipelines over the existing bridge on Santra Creek for the proposed Ethylene Recovery Unit (ERU)/Mono Ethylene Glycol (MEG) and BS-VI-Motor Spirit (MS)/ High Speed Diesel (HSD) project at IOCL Paradip Refinery at Paradip.	The Authority discussed the Proposal in detail and considered recommending the proposal to MoEF& CC, Govt. of India for grant of CRZ Clearance as per the provision of CRZ Notification, 2011. It was further advised that the project proponent shall take necessary steps to prevent any liquid hydro carbon falling on the water body of the creek from the pipelines (hydro carbon) passing over the bridge of Santra creek by	The proposal was recommended to MoEF& CC Govt. of India for grant of CRZ clearance vide letter no.15/OCZMA dt. 11.01.2018 with a copy to the project proponent vide letter no.16/OCZMA dt. 11.01.2018.	Noted

		creating a tray like barrier below the pipelines which can hold any leakage materials.		
3	Expansion Project of LPG Import facility for LPG Terminal at Paradip of IOCL.	Authority discussed the matter in details and decided to recommend the proposal to MoEF& CC Govt. of India for grant of CRZ clearance	The proposal was recommended to MoEF & CC Govt. of India for grant of CRZ clearance vide letter no. 11/OCZMA dt. 11.01.2018 with a copy to the project proponent vide letter No.12/ OCZMA dt. 11.01.2018. The proposal accorded CRZ Clearance from Govt. of India vide File No.-11-16/2018 IA-III Dt. 16.08.2018	Noted
4	Request for avail the facility declared by MoEF& CC, Govt of India for Hotel Mahodadhi Palace, Puri	The Authority discussed the matter in detail and found that the agreement with OTDC is for investigation, design, renovation, redevelopment, augmentation of the property in to project facility for a heritage look & feel Hotel of the older buildings. CRZ Clearance can be accorded if NOC is obtained from OTDC for construction in the free land within the property. In response, the project proponent has submitted the NOC from OTDC vide letter no. 697/OTDC dt. 03.02.2018.	The decision of the authority was communicated to the project proponent vide Letter No. 17/OCZMA dt.11.01.2018 with a copy to the Planning Member PKDA, Puri, vide Letter No.18/OCZMA dt. 11.01.2018. In response, the project proponent has submitted the NOC from OTDC vide letter no. 697/OTDC dt. 03.02.2018 and the relevant extract of the lease agreement. As per 3.2 (v) of the lease agreement, the lessee will be at liberty to carry out new construction for providing additional rooms or additional facilities in the project facility.	After verification of the record authority decided to grant CRZ Clearance to the Project as per CRZ Notification, 2011
5	Request for modification of the numbers of CRZ approved Water Sports items	The Authority discussed the matter in detail and decided to grant permission for the modification in the nos. of water sports item applied and communicate to the district administration (Puri district) for implementation of the project. The applicant should follow the terms and conditions as given in the earlier CRZ Clearance order.	The Clearance order was Issued vide letter No. 19/ OCZMA dt. 11.01.2018 with a copy to the Collector & District Magistrate, Puri vide Memo No.20 dt.11.01.2018 & a copy to Director Tourism, Tourism & Culture Dept. Govt. of Odisha vide Memo No.21 dt.11.01.2018.	Noted

C. Previous Proposals

1. Construction of Pantha Nivas building at Puri by Odisha Tourism Department Corporation (OTDC)

The proposal was placed in the 29th meeting of OCZMA held on 29.07.2017. It was decided that the following documents are required before taking any decision in this matter.

- (a) Relevant documents of the existing structure especially approval from the competent authority.
- (b) CRZ Map indicating HTL & LTL in 1:4000 scale demarcated by one of the authorized agencies identified by MoEF & CC.

In this connection, the Executive Engineer OTDC, vide letter no. 1590 dt. 14.03.2018, has submitted a CRZ map in 1:4000 scale superimposing the project location which was prepared by NCSCM, Chennai. Regarding approval of the local Planning Authority of the existing building, he has submitted 3 maps showing the drawing & design of the plan prepared by Architecture in the year 1981, 1983 and 1984.

OCZMA discussed the proposal in detail and decided to recommend the project to Government of India for grant of CRZ clearance in favour of the aforesaid project under CRZ Notification, 2011 as per Annexure III of the CRZ Notification 2011.

D. Fresh Proposals

1. CRZ approval of the Development of Stretch from Paradip/Dhamra to Pankapal of NW-5 in the state of Odisha for navigation” by Inland Waterways Authority of India (IWAI) under Ministry of Shipping, Govt. of India.

The Deputy Project, Director, IWAI, Bhubaneswar made a presentation for CRZ clearance for the proposal “Development of Stretch from Paradip/Dhamra to Pankapal of NW-5 in the state of Odisha for navigation”.

The objectives of the project is to provide a sustainable & economically viable & alternate mode of transportation from the ports to the industrial hubs and mining areas with the scope of increasing the country's economy. The proposed National Waterway (NW-5) project has been proposed to be undertaken in two phases: Phase-I is between Pankapal and Dhamara Port & Paradip Port accounting to 201 km for navigation and shipping & Phase –II is between Talcher and Pankapal accounting to 131 km.

For these two phases of development, MoU was signed between Governments of Odisha, Paradip Port Trust, Dharma Port Company Ltd. and IWAI. The proposed projects will be extended from Talcher to Dhamra Port & Paradip Port for shipping of cargo materials from the ports to the terminal at Talcher. The capacities of the cargoes are 1.65 MTPA and mostly iron ore, thermal coal, industrial products and other minerals as well as agricultural products, finished & manufactured goods are shipped. The project runs through three coastal districts i.e. Bhadrak, Jagatsinghpur and Kendrapara and one inland district i.e. Jajpur. The river systems which fall within the project stretch are Brahmani, Kharsua and Dhamara. In phase-I, development of the NW-5 include a navigational fairway with a minimal width of 50m and a LAD of 1.70 m for the movement of cargo vessels of above 1500T and the expected cargo handling capacity is 1.65 MTPA. In Phase-I, the waterway stretch of NW-5 will be used for movement of cargo from Dhamra Port and Paradip Port to Kalinganagar Special Economic Zone (SEZ).

The NW-5 is categorized under Class-III of Inland Water Ways Authority of India which required LAD of 1.70 m, vertical clearance of 6.0 m above NHFL and 50 m Horizontal clearance width and 700 bend radius. Thus to make the water ways navigable the river stretches required dredging/ excavation, river widening, bank protection ,land reclamation and construction of barrages and weirs. Dredging is proposed only in the rivers & the non-tidal stretches where the depth is below the required navigational depth. No dredging is proposed in the tidal influenced stretch as required depth is available in these areas. For the safe movement of the vessels, country boats, buoy, lighted markers and shore beacons and DGPS have been proposed along the waterway. The activities will be undertaken in the CRZ area is maintenance dredging to

maintain the original depth of the river stretch. In proposed Phase-I development of water way involves the establishment of a temporary terminal at Erada & a permanent terminal at Pankapal. The cost of the project is Rs.824.24 Crores.

The proposed project passes through the CRZ-I (mangrove forest & reserve forests, Bhitarkanika Wildlife Sanctuary, Gahiramatha Wildlife Sanctuary area), CRZ-III, CRZ-IVA and CRZ-IVB area.

The proposed development of stretch required clearance from MoEF& CC and is a permissible activity under CRZ Notification 2011 under clauses:

3(i) (a) “those directly related to waterfront or directly needing foreshore facilities”

4(ii) (a) “those activities not listed in the EIA notification, 2006” &

4(ii) (f) “Foreshore requiring facilities for transport of raw materials, facilities for intake of cooling water and outfall for discharge of treated wastewater or cooling water from thermal power plants. MoEF may specify for category of projects such as at (f), (g) and (h)”

OCZMA discussed the proposal in detail and decided that before taking any decision in this matter, a comprehensive report on the following issues and management plan to tackle the problems would be necessary:

- (i) Details of land to be dredged along the stretch and its impact on adjoining areas
- (ii) Total nos. of plant to be destroyed due to the development of stretch
- (iii) Effect of dredging on mangroves and the adjoining river bed which is proposed to be dredged between Paradip-Kharnasi
- (iv) Impact of dredging on flora, fauna especially benthic fauna
- (v) Impact of oil pollution
- (vi) Carry out impact study of the project on flora, fauna and wildlife in the area through an Institute of national repute.

Subsequently, Zonal Office of MoEF & CC in their letter dated 01.02.2019 addressed to the Additional Chief Secretary, Forest & Environment Department have furnished their views especially regarding the impact of excavation of channel wherever required, on adjacent mangroves and vegetation, which is protecting the banks of the creeks, and

on harbouring of migratory birds. Further they are of the view that when sea route is available, opening an additional route is not advisable through creeks. Finally they have proposed to get an impact study done on the above aspects.

In this connection, it may be mentioned that OCZMA has already taken note of these issues and have decided that before taking any decision in this matter, a comprehensive report on all the issues raised by the Zonal office of MoEF&CC is furnished to the Authority.

2. Development of outer Harbour, inner Harbour including western dock and mechanization of existing operational berths at Paradip Port, Odisha by Paradip Port Trust.

The Chairman of Paradip Port Trust made a presentation for the proposal “Development of outer Harbour, inner Harbour including western dock and mechanization of existing operational berths at Paradip Port” for CRZ Clearance.

The proposed project is an expansion & modernization of the existing port facilities. The expansion project includes an all-weather, deep-draft breakwater to protect outer harbour on the shoreline south of its existing southern breakwater which is under the Sagaramala projects of Ministry of shipping, Govt. of India.

The Mechanization of existing berths includes addition of capacity in the eastern dock i.e. 30MTPA and Central Dock will be 20 MTPA including up gradation of the backup stacking areas in which the capacity will enhance from the existing 93.6 MTPA to grand total of 143.6MTPA. This process includes mechanization of the components like ship loaders/ un-loaders, stackers, reclaimers, track hopper/tipper, rapid wagon loading system and up-gradation of stack yard. The operated cargo berths will be mechanized by installing equipment's and closed conveyers system to reduce the dust generation.

The expansion of inner harbour including construction of Western dock with two berths involves additional capital dredging of 8.0 million cum. The proposed capacity creation will be 30 MTPA which will raise the total capacity to 173.6 MTPA.

The existing north breakwater will be expanded from 538m to 1.2 km and the south break water will be expanded from 1273m to 4.2 km. Approx. 9 km of dredged two way approach channel having 300m width, development of suitable sand bypassing system, construction of 15 berths i.e. 8 for bulk export, 3 for import and 4 for multipurpose berths will be proposed. 21.2 Mm³ of capital dredging and 4.6 Mm³ of maintenance dredging will be generated which will be disposed in the suitable offshore location.

Intertidal area will be created by land reclamation process for port back up facilities like stockpiles, covered go-down, silo, bulk tank, covered conveyance system dust suppression system and firefighting system for port. Along with these certain essential utilities and amenities like automotive workshop, gate complex, fire control center, On site office building for control & monitoring, health facility infrastructure, electrical substation, water storage reservoir, storm water drainage network, pump house etc. Construction of one 8 km road and 10 km of railway line within the existing Paradip Port Trust land also proposed in this expansion project.

The geographical location of the proposed expansion projects is 20° 15' 55.44" N & 86° 40' 34.62" E. The expansion facilities will fall in CRZ-I(B), CRZ-II notified port area of Paradip Port, CRZ-III & CRZ-IV(A) area. The total project cost is 12743.18 Cr. The EIA study was carried out by CSIR-National Environmental Engineering Research Institute, Nagpur and the CRZ study was carried out by Institute of remote sensing, Anna University Chennai.

The proposed expansion project is a permissible activity under CRZ Notification 2011 as per Para 3 (iv) (a), "required for setting up, construction or modernization or expansion of foreshore facilities like ports, harbours, jetties, wharves, quays, slipways, bridges, sealink, road on stilts, and such as meant for defence and security purpose and for other facilities that are essential for activities permissible under the notification"

Para 4(i)(a) & (f) "construction and operation for ports and harbours, jetties, wharves, quays, slipways, ship construction yards, breakwaters, groynes, erosion control measures;

Para 8(i)(I) (i)(e) “construction of trans harbour sea link , road on stilts or pillars without affecting the tidal flow of water”

Para 8 (i) (II) (vi) “storage of non-hazardous cargo such as edible oil, fertilizers and food grain within notified ports”

Para 8 (III) B (iv) “storage of nonhazardous cargo such as, edible oil, fertilizers, food grain in notified ports”

The project attracts Environment Clearance under EIA Notification, 2006 and CRZ Notification 2011. The activities in the CRZ areas required clearance from MoEF&CC under 3 (i) (a) and 4(ii) (b) (d) and (f) of the CRZ Notification 2011.

OCZMA discussed the proposal in detail and considered recommending the proposal only for phase-I to MoEF & CC, Govt. of India for grant of CRZ Clearance under CRZ Notification, 2011, which comprises of the following:

- (i) Enhancing the present capacity of 93.6 MMTPA excluding SBM to 123.6 MMTPA excluding SBM,
- (ii) Capital dredging for expansion of inner harbor including common navigational channel – 18.0. million cum,
- (iii) breakwater extension for inner harbor expansion (~500 mtrs)
- (iv) protection works to existing Breakwaters
- (v) construction of western Dock with quay length of 490 mtrs on opposite arms along with ancillary facilities,
- (vi) Mechanization of existing berths taking the cumulative capacity 173.6 MTPA (existing 93.6 MMTPA + 30 MMTPA in Eastern + 20 MMTPA from Central + 30 MMTPA from western) by mechanization and debottlenecking efficiency in the Eastern and Central Dock (13 berth).
- (vii) Mechanization components are ship loaders/unloaders, Stacker, Reclaimer, Stacker-cum-Reclaimers, Track Hopper/Tipplers, Rapid wagon loading system, development/up-gradation of stack yards and other ancillary facilities required for handling cargo by mechanized means.

3. NOC for capacity expansion of BPCL for installing 2x250 KL Ethanol and 1x858 KL of Biodiesel within the premises of M/s Bharat petroleum Corporation Limited at Paradip, Jagatsinghpur, Odisha.

The Project Leader, Bhubaneswar of Bharat Petroleum Corporation Limited made a Presentation for the proposal “capacity expansion of BPCL for installing 2x250 KL Ethanol and 1x858 KL of Biodiesel within the premises of M/s Bharat petroleum Corporation Limited at Paradip, Jagatsinghpur, Odisha” for NOC, with special reference to the distance of the project from the nearest HTL.

Having gone through the CRZ Map (1:25,000 scale prepared by ORSAC & Sponsored by F&E Dept. Govt. of Odisha), 1:4000 Scale CRZ Map indication the existing and proposed expansion project location and different CRZ Zones prepared by Institute of Remote Sensing Anna University, Chennai, it is evident that the proposed new storage tanks of BPCL, Paradip Coastal Installation are 1316 m away from the nearest HTL Line of the Creek/River. Thus the proposed capacity expansion project site of BPCL is outside the CRZ area.

OCZMA discussed the proposal and decided to grant NOC in favour of the project. However, there should not be any discharge to the sea or river from the plant.

4. Supply, installation, operation and maintenance of composting plant at Nehru Bangla at Paradip under Integrated Coastal Zone Management Project.

The Executive cum Nodal Officer, ICZMP, Paradip Municipality made a presentation for the proposal “Supply, installation, operation and maintenance of 3TPD of Composting plant at Nehru Bangla (CRZ-II) at Paradip” for CRZ Clearance.

The objective of the project is to generate awareness and motivate the local people regarding the domestic solid waste management and the benefits thereof. The proposed Solid Waste Management project will cover the entire municipality area and the adjoining households in the industrial areas of Paradip area.

The activity is permissible under Para 3 (v) (c) “treatment of waste and effluent arising from hotels, beach resorts and human settlements located in CRZ area other than CRZ-I and disposal of treated wastes and effluents”. The details about the proposals is given below:

Name of the Project	Site Address and location	Land Status	CRZ status & CRZ condition	Permissible CRZ condition	Construction activity and other facilities	Cost of the Project (INR)	Scrutiny Fees
Supply, installation, operation and maintenance of 3TPD Composting plant at Nehru Bangla	Wordno.1, KhataNo.27, plotno.180 At-Nehru Bangla, Paradip Municipality Dist- Jagatsinghpur Location of the area: 20°17'8.66"N, 86°42'23.96"E 20°17'9.73"N 86°42'25.71"E 20°17'7.72"N 86°42'27.08"E 20°17'6.81"N 86°42'25.27"E	1.0Ac.of vacant fallow land allotted by the Tahasildar of Kujanga Tahasil under Jagatsinghpur District.	CRZ-II area of Paradip (CZMP approved CRZ map sheet no.45,map no.73L/11/SE in 1:25000 scale)	Para3(v)(c) “treatment of waste and effluent arising from hotels, beach resorts and human settlements located in CRZ area other than CRZ-I and disposal of treated wastes and effluents”	The capacity of the proposed decentralized solid waste (organic) Composting plant is 3 Tonns Per Day. For the composting plant a civil shed of 750sq.m, will be constructed which includes the unloading platform, storing area, and concrete structures like Fencing & internal road will be constructed within the acquired 1Ac of land. Water requirement- 500Lt/day Power requirement- 50 KVA from CESU.	Rs.54,72,850/-	Rs.25,000/-

OCZMA discussed the proposal and decided to grant CRZ clearance to the aforesaid project under CRZ Notification, 2011.

5. Supply, installation, operation and maintenance of composting plant at Kansaripatia near IOCL gate of Paradip Municipality under Integrated Coastal Zone Management project.

The Executive cum Nodal Officer, ICZMP, Paradip Municipality made a presentation for the proposal “Supply, installation, operation and maintenance of 3TPD Composting plant at IOCL gate (CRZ-III) at Paradip “for CRZ Clearance.

The objective of the project is to generate awareness and motivate the local people regarding the domestic solid waste management and the benefits thereof. The proposed Solid Waste Management project will cover the entire municipality area and the adjoining households of industrial establishments of Paradip area.

The activity is permissible under Para 3 (v) (c) “treatment of waste and effluent arising from hotels, beach resorts and human settlements located in CRZ area other than CRZ-I and disposal of treated wastes and effluents”. The details about the proposals are given below:

Name of the Project	Site Address and location	Land Status	CRZ status & CRZ condition	Permissible CRZ condition	Construction activity and other facilities	Cost of the Project (INR)	Scrutiny Fees
Supply, installation, operation and maintenance of 3TPD Composting plant at Kansaripatia near IOCL gate of Paradip Municipality	Wordno.1, Khata No. 33, plot no. 35At-Nehru Bangla, Paradip Municipality Dist Jagatsinghpur Location of the area: 20°14'41.59"N 86°37'33.34"E 20°14'42.21"N 86°37'37.85"E 20°14'41.18"N 86°37'38.14"E 20°14'39.50"N 86°37'33.69"E	1.0Ac. of vacant fallow land allotted by the Tahasildar of Kujanga Tahasil under Jagatsinghpur District.	CRZ-III area of Paradip (CZMP approved CRZ map sheet no.42, map no. 73L/11/S Ein 1:25000 scale)	Para 3 (v) (c) “treatment of waste and effluent arising from hotels, beach resorts and human settlements located in CRZ area other than CRZ-I and disposal of treated wastes and effluents”	The capacity of the proposed decentralized solid waste (organic) Composting plant is 3 Tonns Per Day. For the composting plant a civil shed of 750sq.m, will be constructed which includes the unloading platform, storing area, and composting plant. Other concrete structures like Fencing & internal road will be constructed within the acquired 1Ac of land. Water requirement- 500Lt/day Power requirement-50 KVA from CESU	Rs.940718 0/-	Rs.25,000/-

OCZMA discussed the proposal and decided to grant CRZ clearance to the aforesaid project under CRZ Notification, 2011.

6. Construction of Hotel Building over Khata No. 142/139 & 142/140 Plot No. 312/668 & 312/669 Mz. Sipasurubuli, Puri by Panda Resorts Pvt. Ltd.

The Director of Panda Resorts Pvt. Ltd made a presentation for the proposal “Construction of Hotel Building over Khata no.142/139 & 142/140 Plot No. 312/668 & 312/669 in Mz. Sipasurubuli of Puri district” for CRZ Clearance.

As per the application the proposed project is for construction of a B+G+2 upper floors hotel building. The land area acquired for this proposed project is 2857 sq.m of Bagayat-III kissam land under Khata no. 101 and Plot no.-312 in Sipasurubuli Mauza of Puri District.

The ground coverage of the building will be 1122.00 sq.m and the built up area of each floor is 1096.00 sqm including Basement of 4424.00 sq.m. The depth of the basement

is 1.52 m and the height of the building is 10.50m. For open parking an area of 1000 sq.m is allotted.

The Project proponent got NOC from PHEO for water supply to meet their requirement. The electricity requirement is 250 kw which will be met from central electricity supply utilities (CESU) & also they have provision for DG Set for backup power supply. The solid waste generated will be segregated at source and the non-biodegradable waste will be routed to the municipality waste collection agency and biodegradable waste will be composted to use in the greenbelt and lawn area. For the treatment of effluent there will be provision of STP and the treated water from the STP will be utilized in the greenbelt area. For the development of greenbelt 575 sqm area is allocated.

The geographical location of the project is 19⁰ 47' 11.9" N & 85⁰ 47' 40.7"E. Superimposing the project location in CRZ Map indicated that the project is coming under CRZ-II area of Puri (Sheet No. 25, Map No.E 45B/13/SW in 1:25, 000 scales, & 1:4000 scale map). The total cost of the project is Rs. 4, 70, 00,000/-.

The proponent has submitted CRZ map of 1:4000 scale prepared by IRS, Chennai. The Google map of the site shows that the proposed project site is located on the landward side of the marine drive road. Thus it is a permissible activity under CRZ Notification 2011 under Para 8 (i) (II) CRZ-II (i) of CRZ Notification, 2011, "buildings shall be permitted only on the landward side of the existing road, or on the landward side of existing authorized structures". The project does not attract Environment Clearance under EIA Notification, 2006.

OCZMA agreed to consider the project for submission to Government India for grant of CRZ clearance after submission of the following documents:

- (i) Documents on RoR**
- (ii) Land ownership as per the Sabik records**
- (iii) NOC from the Collector regarding sole ownership**

Local town planning norm will be applicable to the project.

7. CRZ Clearance for construction of holiday home-cum-guest house over plot no. 305/416 (part) Mz. SipasurubuliMouza, Puri by M/s Prabhukrupa Estates and Properties, Bhubaneswar.

The proprietor of M/s. Prabhukrupa Estates and Properties, Bhubaneswar made a presentation for the proposal “construction of holiday home cum guest house over plot no. 305/416 (part) Mz. Sipasurubuli Mouza of Puri district” for CRZ Clearance. The proposed project is a holiday home cum guest house to provide affordable housing solutions for the holy city of Puri. These homes featured a hall cum bed room, a bath room and a kitchen. The land area acquired for the proposed project is 1982.90 sqm under Khata no. 67 and Plot no.-305/ 416 (Part), Patita kissam land in Sipasurubuli Mauza of Puri District.

As per the application the proposed project is for construction of 2B+G+7 upper floors having plinth area of 1450sqm, 230 sqm of land scape area. Area for waste water treatment will be 112 sqm & area for parking will be 190 sqm. The ground coverage will be 74.69% of the total plot area. The total built up area including Basement is 14349.25sqm. The proposed construction consists of 202 double rooms, two nos. of restaurant 100 Pax. each, three banquet Hall (1000Pax., 500 Pax. & 300 Pax.), one Gym & Spa and a swimming pool of 500cub m³ on terrace. The FAR of the proposed construction is 5.8. The basement will be constructed at a depth of 1.52 m. the height of the building will be 25.60 sqm.

The water requirement will be 90 KLD which will be met from PHEO supply. The electricity requirement is 500 kw which will be met from central electricity supply utilities (CESU) & also provision for DG Set for backup power supply. The solid waste generated will be segregated at source and the non-biodegradable waste will be routed to the municipality waste collection agency and biodegradable waste will be composted to use in the greenbelt and lawn area. For the treatment of effluent there will be provision of STP of capacity and treated water from the STP will be utilised in the greenbelt area.

The geographical location of the project is 19^o 47' 11.0"N & 85^o 47' 29.0"E. The location of the project is coming under CRZ-II area of Puri as per the location marked in CZMP approved CRZ map in 1:25,000 scale map & 1:4000 scale map by Institute of

Remote Sensing , Chennai. The total cost of the project is Rs. 4.98 Crores

The project proponent has indicated that the proposed activity is permissible under:

Para 8 (i) (II) CRZ-II (i) of CRZ Notification, 2011, “buildings shall be permitted only on the landward side of the existing road, or on the landward side of existing authorized structures”.

Also it was informed that PKDA has filed a Writ Appeal No 608 of 2015 before the Hon’ble High Court of Orissa challenging the order of the Hon’ble High Court of Orissa passed in W.P.(C) No. 2816 of 2000 regarding building norms.

OCZMA agreed to consider the project for submission to Government India for grant of CRZ clearance after submission of the following:

- (i) Documents on RoR**
- (ii) Land ownership as per the Sabik records**
- (iii) NOC from the Collector regarding sole ownership**

However, the decision of the OCZMA is subject to final outcome of writ appeal pending before the Hon’ble High Court of Orissa.

8. CRZ Clearance for construction of holiday home cum guest house over plot no. 307 (part) Mz. Sipasurubuli Mouza, Puri by M/s Prabhukrupa Estates and Properties, Bhubaneswar.

The proprietor of M/s. Prabhukrupa Estates and Properties, Bhubaneswar made a presentation for the proposal “construction of holiday home cum guest house over plot no.305/416(part) Mz. Sipasurubuli Mouza of Puri district” for CRZ Clearance. The proposed project is a holiday home cum guest house to provide affordable housing solutions for the holy city of Puri. These homes featured a hall cum bedroom, a bathroom and a kitchen. The land area acquired for the proposed project is 1092.53 sqm under Khata No.101 and Plot no.-307 (Part), sthitiban land in Sipasurubuli Mauza

of Puri District.

As per the application the proposed project is for construction of 2B+G+7 upper floors having plinth area of 815sqm, landscaping area will be 221sqm, water treatment area will be 56sqm. The total ground coverage will be 74.60% of the total plot area. Total built up area including Basement will be 7983.37sqm. The proposed construction consists of 50nos. of double room, 3nos. of Hall /conference Hall (300Pax., 200Pax. and 100 Pax.) 2nos. of Restaurants (50 Pax., & 40 Pax) one Bar of 50 Pax and a swimming pool of 300m³ capacity on terrace. The FAR of the proposed construction is 5.81. The water requirement will be met from PHEO supply (letter no.3777 dt.18.05.2018). The electricity requirement is 500KW which will be met from central electricity supply utilities (CESU) & also provision for DG Set for backup power supply. The solid waste generated will be segregated at source and the non-biodegradable waste will be routed to the municipality waste collection agency and biodegradable waste will be composted to use in the green belt and lawn area. For the treatment of effluent there will be provision of STP of capacity and treated water from the STP will be utilized in the greenbelt area.

The location of the project is coming under CRZ-II area of Puri (Sheet No. 25, Map No.E 45B/13/SW in 1:25,000 scales, prepared by ORSAC and sponsored by F&E, Govt. of Odisha as per the existing CZMP, Odisha). The total cost of the project is **Rs.4.98, Crores.**

The project proponent has indicated that the proposed activity is permissible under:

Para-8(i)(II)CRZ-II(i) of CRZ Notification, 2011 “buildings shall be permitted only on the landward side of the **existing road**, or on the landward side of **existing authorized structures**”.

Also it was informed that PKDA has filed a Writ Appeal No 608 of 2015 before the Hon’ble High Court of Orissa challenging the order of the Hon’ble High Court of Orissa passed in W.P.(C) No. 2816 of 2000 regarding building norms.

OCZMA agreed to consider the project for submission to Government India for

grant of CRZ clearance after submission of the following:

- (iv) Documents on RoR**
- (v) Land ownership as per the Sabik records**
- (vi) NOC from the Collector regarding sole ownership**

However, the decision of the OCZMA is subject to final outcome of writ appeal pending before the Hon'ble High Court of Orissa.

9. Construction of building of tourism department over plot no.172 of Mouza Bankimuhana (unit-26) at Puri by OTDC

The Director & Addl. Secretary to Govt. Dept. of Tourism, Govt. of Odisha made presentation for the proposal for CRZ Clearance for "Construction of building over plot no. 172 of Bankimuhana mouza (unit-26) at Puri for Tourism Department".

The objective of the proposed project is to provide new kind of infrastructure for the tourists like food court, game zone and other recreational facilities. The site is located at plot no. 172, Khata no. 88 of Mouza Bankimuhan (unit-26), Puri. The total plot area is 3642 sqm and it is in possession of OTDC. An old building is present in the land which is totally damaged and now the proponent wants to construct a new building over this land by clearing the dilapidated building. The proposed construction includes two parts i.e the main building and the Annexure building. The main building will be constructed with 3 floors; the ground floor covers 825.76 sq.m, which includes the food court, shops & cafe. The first floor will cover 774.5 sq.m in which 3 meeting halls will be proposed & the second floor will cover 823.82 sq. m in which 4 rooms, one office room and one staff quarter. There is a kiosk area of 59.4 sq.m. The height of the total building is 9 m. The Annexure building will cover 2 floors where the ground floor and first floor will cover 143 sq. m each. The total built up area of both the building will be 2769.48 sq.m. The FAR of the building is 0.76. The ground coverage is 28 % of the total plot area.

The water requirement during operation phase is 5 KLD, which will be met from Municipality source. The power requirement is about 25 KW, which will be met from Central Electricity Supply Utility (CESU) and 2x 10 KVA capacities DG Set

will be kept for emergency use. The solid waste generated during operational phase will be collected through collection bins and will be handed over to the Puri Municipal Authority. The liquid effluent generated will be treated through STP.

The geographical location of the plot is 190 48' 3.52"N & 850 50' 14.65"E. The site is located in the CRZ –II area of Puri. The cost of the proposed project is Rs.10 Crores.

The proposed site is located on the landward site of the existing authorised structure. (Construction of youth hostel, railway guest house etc.)

The proposed activity is permissible under the Para 8 (i) (II) CRZ-II (i) of CRZ Notification, 2011, "buildings shall be permitted only on the landward side of the existing road or on the landward side of the authorised structures". The proposed project does not attract Environmental Clearance under EIA Notification, 2006

PKDA in their Memo No. 258 dated 10.4.2018 has requested the Member secretary, OCZMA to take appropriate action under Environment (Protection) Act, 1986 against the Officer concerned of Tourism dept. for the existing old unauthorized building as well as a new building being constructed over the old building.

OCZMA discussed the proposal in detail and decided to grant CRZ Clearance to the aforesaid proposal under CRZ Notification, 2011 with a request to the concerned Planning Authority to permit construction as per their existing provision.

10. CRZ clearance of "Water Sports Activities in the Puri Beach" by Puri Sea Sports Pvt. Ltd., Chakratirtha Road, Nuasahi, Puri.

The Managing Director, Puri Sea Sports Pvt. Ltd., made a presentation for the proposal "Water Sports Activities in the Puri Beach" for CRZ clearance. The main objective of the proposed project is to provide a safe water sport facilities to the beach tourists visiting the holy place Puri & to provide alternate livelihood to the coastal fishing community of Puri area.

The Proposed project will provide following water sports facilities for the beach tourism near Digabarini to Bankimuhan of Puri beach:

- (1) Jet sky - 5 nos. 2 seated
- (2) Speed boats – 04 nos.4 seated
- (3) Bacardi - 02 nos. 10 seated
- (4) Bumper Tube - 04 nos. 6 seated
- (5) Banana Tube – 02 nos. 6 seated

For all the operations, necessary safety provision like jackets, crash helmet, first-aid kits and fire extinguisher and UHF/ GPS for communication will be provided. The proponent is interested to operate the water sports activity near Digabarini of Puri beach (From 190 47'43.64" N & 850 49' 39.56"E to 190 47' 51.50" N & 850 50' 7.75" E). The water sports activity will cover offshore area within 1 nautical mile from shore near Digabarini to Bankimuhan of Puri beach. The cost of the proposed project is Rs. 1.10 Cr.

The proposed water sport activity is planned to operate in the offshore area within 1 nautical mile from shore near Digabarini to Bankimuhan of Puri, which is coming within 12 nautical miles (territorial water of the country) under CRZ-IV (A) (Sea water body) as per the CRZ Notification, 2011. The proposed activity will also operate in CRZ-I (B) (Intertidal area) for boarding and landing purpose.

The proposed activity is related to "water front" as it will operate water sport craft / small vessels and no construction is proposed. Therefore, proposed activity can be considered as permissible under para 3 (i) (a) "these directly related to water front or directly needing foreshore facilities" of CRZ Notification, 2011. The proposed project does not attract Environmental Clearance under EIA Notification, 2006.

OCZMA discussed the proposal and decided to grant CRZ clearance to the aforesaid project under CRZ Notification, 2011 and communication to the district administration, Puri for implementation of the project subject to the following terms and conditions:

- (i) Construction of any permanent structure in CRZ area in strictly prohibited.

- (ii) Operation of proposed water sport activities shall not be allowed along the coastal stretches of main bathing area of the tourist. The district administration is to decide such area of operation indicating the latitude and longitude of it.
- (iii) Operation of watersport activities allowed only in day time or as decided by the district administration
- (iv) No such activity will be allowed in Sanctuary area.

The district administration is to develop a common safety plan for the operation of coastal water sports from sea shore area up to 3 nautical miles.

11. CRZ clearance of “Water Sports Activities at Chandrabhaga beach of Konark” by Akela Adventure Pvt. Ltd.”

The Director, of Akela Adventure Pvt. Ltd., Konark made a presentation for the proposal “Water Sports Activities at Chandrabhaga Beach of Konark” for CRZ clearance. The objective of the proposed project is to provide a safe water sport facilities to the beach tourists & to provide livelihood support to the nearby coastal community.

The Proposed project will provide following water sports facilities for the beach tourism about an area of 500 m off shore area and 1 km inside sea.

- (i) Jet sky-3 nos. with 1-3 person capacity
- (ii) Speed boats– 02 nos. each of 6 person capacity
- (iii) Banana Tube–01 nos. with 3-6 person capacity
- (iv) Flying Banana Boat: 01 nos. with 4 person capacity
- (v) Bumper Tube-01 nos. with 3 person capacity
- (vi) All-terrain vehicle(ATV):-3 Nos. with a seating capacity of 2 person each

For all the operations, necessary safety provisos like jackets, crash helmet, first-aid kits and fire extinguisher and UHF/ GPS for communication will be provided to the tourist. Well trained persons are engaged for all the water sports activities.

The GPS Coordinates of the operational area of the water sports activities area 19°51'54.35"N; 85°06'42.28"E to 19°51'58.25"N; 86°06'55.94"E on beach area and 19°51'26.49" N; 85°07'26"E to 19°51'32.90"N; 86°07'15.19"E on sea of Konark area within 1 nautical miles from shore.

The proponent has provided a Disaster Management Plan and a general EIA report. The proponent has provided a brief safety plan for the proposed water sport activity. In bad weather condition and storm rainy days the activities will be stopped. All the activities will be operated in the day time. The cost of the proposed project is Rs. 1.10 Cr.

As per the CRZ Notification, 2011 the proposed activities will be operated in CRZ-I(B) inter tidal area & CRZ-IV (A) (Sea water body). The proposed activity is related to "water front" as it will operate water sport craft / small vessels and no construction is proposed. Therefore, proposed activity can be considered as permissible under para 3 (i) (a) "these directly related to water front or directly needing foreshore facilities" of CRZ Notification, 2011.

OCZMA discussed the proposal in detail and decided to grant CRZ clearance to the aforesaid project under CRZ Notification, 2011 and communication to the district administration, Puri for implementation of the project subject to the following terms and conditions:

- (i) Construction of any permanent structure in CRZ area is strictly prohibited.
- (ii) Operation of proposed water sport activities shall not be allowed along the coastal stretches of main bathing area of the tourist. The district administration is to decide such area of operation indicating the latitude and longitude of it.
- (iii) Operation of watersport activities allowed only in day time or as decided by the district administration.
- (iv) The district administration is to develop a common safety plan for the operation of coastal water sports from sea shore area upto 3 nautical miles.

(v) No such activity will be allowed if it comes within Sanctuary area.

12. CRZ clearance for operation of water sports activities, training and camping facilities at Ramachandi, Puri by Go Right Adventure Resorts LLP.

The partner, Go Right Adventure Resorts LLP made a presentation for the proposal “operation of water sports activities, training and camping facilities at Ramachandi, Puri” for CRZ Clearance.

The objectives of the project is to develop ecotourism in Odisha, Provide a new kind of adventure tourist facilitation, employment opportunities to the local community, i.e. traders, tourist guide, tour operators, vendors and various service providers.

The proposed proposal is for operation of various water sports activities and provides facilities for training and camping.

The water sport activities include:

- Two jet skies of YAMAHA make wave runner with VX700S & XL700.
- Two nos. of speed boats with Yamaha two stroke 40 hp engine. One is 8 seated and another is 15 seated.
- One battery operated Donut boat with 5 seated capacity
- One kayaking & sailing with 4 seated capacity
- One 4 seated pedal boat
- One water roller having 1-3 person capacity.
- One banana ride with 6 person capacity.
- One Zorbing with 2 person capacity.

In Training & camping facilities Mostly lifesaving training with CPR & first aid, Boat operator & maintenance and under water rescue operator training is proposed. The training comprises of five modules i.e swimming, rescue & lifesaving, scuba diving, boat operation & maintenance, communication & soft skill which is approved by National Institute of Water sports, govt. of India and is in the line with present industrial practice.

For all the operations, necessary safety provisos like jackets, rib vests, crash helmet, first-aid kits and fire extinguisher and UHF/ GPS for communication will be provided to the tourist, provision of first aid, well trained persons are engaged for all the water sports activities as well as training purpose.

The location of the training camp is proposed over Plot No-1205, near Ramachandi Temple, Ramachandi, Puri. A meeting was held on dt 05.11.2018 under the chairmanship of Collector, Puri Where it was decided to allowed 20 meters of area adjacent to the land allotted for fire service for the proposed operation of training & water sports activities.

The geographical location of the site is 19° 51'24.9"N 86° 04' 14.43"E to 19° 51'14.72"N 86°03' 38.84"E will be operated at a distance of 2 km length area in Khusabadra river & 19° 51'05.13"N 86° 04' 48.22"E to 19° 51'13.25"N 86° 04' 19.19"E i.e. 500 m offshore area within 1 nautical mile from sea shore.

For the training purpose only tent houses will be proposed and no construction of any structures will be proposed in this project.

The proponent has provided EIA report, Disaster management plan, risk assessment and management plan. The proponent has provided a brief safety plan for the proposed water sport activity. In bad weather condition and storm rainy days the activities will be stopped. All the activities will be operated in the day time. The solid waste generated will be very less amount which will be disposed in the designated site. **The cost of the proposed project is Rs. 4.0 Cr.**

As per the CRZ Notification, 2011 the proposed activities will be operated in CRZ-I(B) inter tidal area & CRZ-IV (A) (Sea water body).

The proposed activity is related to "water front" as it will operate water sport craft / small vessels and no construction is proposed. Therefore, proposed activity can be considered as permissible under para 3 (i) (a) "these directly related to water front or directly needing foreshore facilities" of CRZ Notification, 2011.

The proposed project does not attract Environmental Clearance under EIA Notification, 2006.

OCZMA discussed the proposal in detail and decided to grant CRZ clearance to the aforesaid project under CRZ Notification, 2011 and communication to the district administration, Puri for implementation of the project subject to the following terms and conditions:

- I. Construction of any permanent structure in CRZ area is strictly prohibited.
- II. Operation of proposed water sport activities shall not be allowed along the coastal stretches of main bathing area of the tourist. The district administration is to decide such area of operation indicating the latitude and longitude of it.
- III. Operation of watersport activities allowed only in day time or as decided by the district administration.
- IV. The district administration is to develop a common safety plan for the operation of coastal water sports from sea shore area upto 3 nautical miles.
- V. No such activity will be allowed if the area is within the Balukhand Sanctuary.

13. Regularization of Panthanivas building of Gopalpur by OTDC

The manager of Gopalpur Panthanivas made a presentation for the proposal for regularization of the existing panthanivas building of Gopalpur by OTDC as per the MoEF & CC Notification for post facto clearance of permissible activity.....” which was valid up to June 30th of 2018. The existing panthanivas building is for establishment of Tourist complex and integrated development at Gopalpur under Gopalpur Destination scheme of tourism department.

The panthanivas building is constructed over plot no. 166/254 & 166/300, khata no. 102 in Udayapur village of Kanisi Tahasil. The site is coming under Gopalpur NAC area. The total plot area of the panthanivas building is 3.750 Ac. The building has 10 rooms, 1 restaurant, 10 nos. of cottages and one conference hall. The height of the building is 10.92 meters.

The Tahasildar Konisi, Ganjam, informed vide letter no. 3773 dt. 14.7.2015 that the building area (plots no. 166/254 & 166/300 under khata no. 102) is coming under HTL line and hence it requires CRZ Clearance.

The GPS Coordinates of the site is 19⁰ 15' 13.22"N & 84⁰ 54 5.34"E. The Panthanivas building is located in CRZ-II area of Gopalpur. The proposed site is located on the landward side of the existing authorized structure. (Youth hostel)

The activity is permissible under the Para 8 (i) (II) CRZ-II (i) of CRZ Notification, 2011, "buildings shall be permitted only on the landward side of the existing road or on the landward side of the authorised structures".

OCZMA discussed the proposal in detail and decided to regularize the aforesaid project by granting CRZ Clearance.

14. Development of Park, public rain shelter and other tourist amenities at Chandrabhaga beach by ICZMP, Odisha

The Project Director, ICZMP made a presentation for the proposal for "Development of Park, public rain shelter and other tourist amenities at Chandrabhaga beach" for CRZ Clearance.

The objective of the proposed project is to provide infrastructure facilities for the tourists coming to Chandrabhaga Beach. Under this project, an identified area will be developed which is located inside a plantation area adjacent to road by filling the area with sand where the tourists can get the feel of the sea view. Few public rain shelters will be developed in the area along with two bio-toilets; one for gents and another for ladies. One entrance gate on the land ward side of the marine drive road is proposed which leads to the rain shelters. A gallery for tourist in the beach adjacent to the Puri-Konark marine drive road has been proposed from where the tourists can enjoy

panoramic view of the sea from a distance. There will be no cutting of trees in the area, rather plantation will be taken up in three sides of the designated area.

The geographical locations of the site is 19⁰ 51'54.93" N & 86⁰ 6' 32.52"E. The Project site superimposed on the CZMP Map (sheet no. 27) indicates that the all the developmental activities are coming within CRZ –III (A) & (B) area. Cost of the proposed project is Rs. 1.5 crores (appx).

All the activities proposed for the Chandrabhaga Beach are coming within 500m of the HTL Line and the activities, proposed under the project, are permissible in CRZ-III area as per Para 8 (III) CRZ-III A(iii)(a) "agriculture, horticulture, gardens, pasture, parks, play field, and forestry;

Para 8 (III) CRZ-III A(iii) (j) construction of dispensaries, schools, public rain shelter, community toilets, bridges, roads, provision of facilities for water supply, drainage, sewerage, Crematoria, cemeteries and electric sub-station which are required for the local Inhabitants may be permitted on a case to case basis by CZMA; Para 8 (III) CRZ-III B (viii) Construction of public rain shelters, community toilets, water supply drainage, sewerage, roads and bridges by CZMA who may also permit construction of schools and dispensaries for local inhabitants of the area for those panchayats, the major part of which falls within CRZ if no other area is available for construction of such facilities.

OCZMA discussed the proposal and decided to grant CRZ Clearance to the aforesaid project under CRZ Notification, 2011 with a condition that the structures for viewing the sea shall be made up of wood /wooden ply with gaps in between.

15. Development of Pilot Blue Flag Beach at Puri beach" by ICZMP, Odisha

The Project Director, ICZMP made a presentation for the proposal for "Development of pilot blue flag beach at Puri beach" for CRZ Clearance.

MoEF& CC, Govt. of India has decided to sponsor at least one beach from each coastal state to get the Blue Flag Certification. ICZMP in consultation with the Project Management Consultant, appointed by MoEF & CC have identified Puri beach from Raj Bhawan to May Fair Hotel for development of pilot Blue Flag Beach. Project cost is approximately Rs 1.5 crores. Entire expenses towards developing blue flag beach will be met by MoEF&CC, GoI.

Puri beach has been identified for the proposed Blue Flag Beach. The beach selected for Blue Flag Beach is from Hotel Raj Bhawan to Hotel May Fair at Puri and the area selected is 730 m X 70 m. The geographical co-ordinates of the beach is 190 47' 46.20"N & 85049'42.51"E, 190 47' 53.39"N & 850 50' 5.83"E, 190 47' 44.00"N & 850 49' 43.24"E and 190 47' 50.91"N & 850 50' 7.07"E.

The Activities proposed for the Pilot Blue Flag Beach includes:

- Toilet blocks: The Stainless Steel Cladded Toilet blocks housed in a container and with bamboo work. The Gents block comprising of 3 seats (1no IWC+ 2nos. EWC) & 5 urinals and the Ladies block comprising of 6 seats (3nos.IWC + 3nos. EWC). All the toilet blocks are bio-digester type.
- Container based Changing room with attached shower panel: It comprising of 6 Cabins 3 each for gents & ladies separately. All the cabins are attached with shower panels placed outside the container.
- Grey water treatment plant: One grey water treatment plant will be set up for the recycling of shower, wash basin & urinals.
- Treated bamboo house work: A bamboo enclosure housing for the container based toilets, changing rooms and other facilities.
- Solar power plant: One off grid solar power plant of 40KW, 300/320 WP complete PV Cell.
- Drinking water facilities: There will be provision of one purified drinking water vending units with serving cups.
- Stainless Steel dustbins: There will be Provision of 50 nos. of SS Dustbin.
- Seating Bench: There will be Provision of 8 nos of seating bench made out of

wood and bamboo.

- Waste management plant & composting units: There will be Provision of one Waste management plant & composting units for recycling of solid waste. The plant comprises of a segregation unit, conveyer belt, hopper, hot air dryer and automatic composting machine of capacity 50 kg/day.
- Sit out umbrella that ch: Proposal for 4nos. of sit-out umbrella made of wooden poles & treated thatch.
- Recliner chairs: 8 no's of recliner chairs will be proposed
- LED Street lights with pools: provision of 50nos of LED street lights with pools for lightening the area.
- Pathways / jogging track: There will be provision of a noval shaped jogging track (800m length X 1 m width)made up of inter linked paved block with grouting.
- Outdoor fitness equipment's: The outdoor fitness equipment's includes one seated chest press/lateral pull, one triple horizontal bars, one leg press, one parallel bars, 2 nos of children slide pair, one swing pair seater and 4 nos of Hammock.
- Amphibious wheel chairs: For the disable people there will be provision of amphibious wheel chairs.
- Safety flags: Provision of colour coded safety flags as per the ISO 20712.
- CCTV Cameras: For security & surveillance provision of CCTV Cameras with control room.
- Cleaning machinery: Provision of ones and cleaning machine having mechanical surf raking with cleaning standards of A+ & A grades.
- Watch Tower: For security & surveillance provision of there will be provisions of watch towers.
- Information Board: the information board is with the complete details about the beach and its surrounding ecosystems etc.
- Beach map display panel:
- Five numbers Do's & Don't kiosks: 5 nos. for public information.

- Environmental Education & Safety Slogans: Provision of 20nos. of Environmental Education & Safety Slogans kiosk in the strategic location all over the beach in consultation with the project manager/ Nodal Officer/Local authorities.
- Life guards, security guards: This includes life jacket, life ropes, buoyantrings, spine board, rescue cans, rescue tubes, life hooks & whistle.
- First Aid Kit
- Binoculars of good quality with high resolution.
- Provision of site office made of prefab structures duly equipped with storage racks, computer system & its peripherals for staff attendance & event data logging.

None of these activities require concrete construction work. The site is located in the CRZ-II area of Puri as per the CZMP approved CRZ Map, sheet no. 25.

As per the CRZ Notification, 2011, OCZMA considers construction of Building in CRZ-II areas and grants CRZ clearance. In this particular project, the activities proposed for the Blue flag beach do not involve construction of building.

OCZMA discussed the proposal in detail and decided to grant Clearance in favour of the project.

E. Additional Agenda

(i) Allegation against one organization namely Purvasha under appropriate section for serious and gross violation of Coastal Regulation Zone Notification.

NOC was granted in favour of the Chief Executive Officer, Society for Development of Rural Literature, Jay Durga Nagar for construction of Purvasha Folk and Tribal Museum on the bank of Chilika at Barkul by Purvasha Art Museum vide order no. 28/OCZMA dtd.20.07.2018.

An allegation was received in the Forest & Environment Department from Advocate Somendra Ghosh, Advisor, Chilika Motor Boat Association addressed to Hon'ble Chairman NGT, New Delhi stating therein that the project has violated the provisions of CRZ notification since it has constructed a hotel adjacent to the bank of Chilika. The complaint was forwarded to the Collector & DM, Khurda to get the matter inquired into and furnish a details report including action taken to the Forest & Environment Department vide F & E Deptt. Letter No. EE/08/2018/6071/F&E dtd. 15.03.2018. A copy of the allegation petition along with the NOC granted in favour of the Project proponent is enclosed. Response has not yet been received.

The Chief Executive, CDA inspected the site along with the Engineer of Chilika Development Authority to see if there is any violation of CRZ notification vis-à-vis the conditions imposed in the NOC granted in favour of the project. The report submitted by Chief Executive, CDA is enclosed herewith.

Having gone through the report, it is evident that the project proponent has violated the conditions imposed in the NOC thereby various provisions of CRZ Notification, 2011 in the following manner:

- i. The project proponent has constructed a road in the CRZ area which was not envisaged in the NOC granted.
- ii. A masonry wall has been constructed around one part of the project which is inside the Coastal Regulation Zone. No permission has been granted for this construction.
- iii. A natural drainage channel which was running adjacent to the project area including the Coastal Regulation Zone area of the museum has been blocked by the project proponent, which is also unwarranted and illegal.

OCZMA discussed the above matter and decided to issue a show-cause notice to the project proponent for clarification on the above allegation. Further action will be taken on receipt of response.

(ii) Revised Master Plan development of Dhamra Port in Bhadrak District of Odisha by Dhamra Port Company Ltd.

The Chief Executive Officer, Dhamra Port Company Ltd. made a presentation for the proposal “Revised master plan development of Dhamra Port in Bhadrak District of Odisha”for CRZ Clearance.

As per the proposal submitted by the applicant, the Revised Master Plan development will be carried out in a total area of 2013.4 ha, which includes existing Phase I and Phase II totaling to 690 hector. Additionally they have planned to acquire 1075.7 ha by way of Reclamation of sea/submerged intertidal area& 247.7 ha of vacant Government land, for which they have applied for. Total Reclamation will be carried out within a period of 5 years keeping the vision of 30 years. With a view to optimize the waterfront area, utilize the maximum marine development potential and Increasing backup area usage to accommodate future cargo projections and business requirement, DPCL proposes to develop Revised Master Plan based on Five (05) Year and Thirty (30) Year Development perspective.

Revised master plan development (05 years):– Total quay length will be 6032 m to handle Multi-Purpose and Liquid/Gas/Cryogenic cargoes. Total cargo handling capacity will be approximately 169.5 MMTPA along with increased backup facilities. For easy evacuation of cargo, a new rail, road and utilities corridor (12 km x 125 m wide) is proposed from Northern side development of Dhamra Port. The Project Cost in line to 5 year Revised Master Plan development is INR 17158 Crores.

Revised master plan development (30 years):– Total quay length will be increased to 11750 m (cumulative) to handle Multi-Purpose and Liquid/Gas/Cryogenic cargoes. Total cargo handling capacity will be approximately 314 MMTPA (Cumulative) by the end of 30 years. The Project Cost in line to 30 year Revised Master Plan development is INR 31415 Crores (additional).

As the berths are proposed to be Multipurpose, the various cargos to be handled are combined into TWO broad categories i.e Multi-Purpose (including Liquid) and Liquid/Gas/ Cryogenics as represented below:

Facility/ Component		Immediate Development (MoEF&CC Approved which is under implementation)	Revised Master Plan (First 5 Years)	Revised Master Plan (30 Years)
Capacity (Cumulative)		99.6 MMTPA	169.5 MMTPA	314 MMTPA
Cargo Handling capacity	Multipurpose (including Liquid)	Multipurpose (including Liquid)	62.08	62.4
	Liquid/Cryogenic/ Gas	Liquid/Cryogenic/ Gas	12.5	7.5

Along with berths, trans-loading facilities, Multi-purpose backup facilities and independent port craft facilities, waste reception facilities, conveyor systems, drainage, water supply, electrical works, internal roads, railway works and other utilities, amenities and bunkering will be developed to accommodate all multipurpose cargo such as Liquid, Bulk, Break Bulk, Project Cargo, General Cargo, Container, Ro – Ro & Automobiles and any other non-hazardous cargo,& Liquid/ Gas / Cryogenics (Upto 162 degree Celsius) including All Class A, B, C petroleum products, excluded petroleum products, Non - Classified Chemicals & Petroleum products Hazardous, Toxic and Non Hazardous chemicals/Liquids and other Liquid cargos. External road, rail (double line) and utility corridor are proposed. Dredging, Reclamation, Navigational Channel Widening/Deepening will also be carried out Desalination and LNG Regasification Plant Intake/Outfall facilities. Outfall System for treated water disposal. ETP/STP on Modular Basis. FSRU for handling of LNG & FSO for handling LPG is also being proposed

The area available for the proposed expansion is flat with ground level ranging from +1.0 m CD to +3.5 m CD and will be reclaimed up to +5.0 to + 7.0 m CD. Area about 1075.7 ha of shallow sea/submerged intertidal land will be reclaimed. Approx. 110 MCM of dredging material will be used for reclamation/ ground improvement.

Maintenance dredging will be carried out to the tune of 16 -20 MCM/year.

As per the report of National Institute of Oceanography, Goa Dhamra port “Revised Master Plan” facilities falls in CRZ I(B), CRZ-III & CRZ IV(A). The proposed evacuation corridor (road/rail/pipeline/utility) on the north side is partly passing through mangroves i.e coming under CRZ-I A).

As per the approved Coastal Zone Management Plan, “Revised master Plan” facilities falls in CRZ I(A),CRZ I(B), CRZ-III & CRZ IV(A).

The EIA study for the revised master plan was carried out by L&T Infrastructure Engineering Ltd. and the CRZ study was carried out by NIO, Goa. As per the EIA Report the amount of solid waste generated will be 7.92 TPD for 5 years development and 14.4 TPD for 30 years. Out of the total solid waste generated about 60% will be bio degradable and 40% will be non-biodegradable which will be handled inline. The hazardous waste like used oil, spent oil, waste/residue oil, process waste, discarded containers and cargo residue, ballast water containing oil and used battery will be collected and disposed to OSPCB/CPCB approved vender. E waste will be collected and transported to authorized recyclers. For the effluent treatment 1 STP for 5 years development plan and 2 STP for 30 years development plan will be proposed and the treated water from STP will be used for dust suppression and greenbelt area.

The water requirement for the construction phase will be 1.95 MLD which will be sourced from the Matai River. During operation phase the water demand i.e 21.4 MLD for 5 years and 40 MLD for 30 years will be met from the desalination plant.

The proposed revised master plan development is a permissible under CRZ Notification 2011 as per:

Para 3 (iv) (a), “required for setting up, construction or modernization or expansion of foreshore facilities like ports, harbours, jetties, wharves, quays, slipways, bridges, sealink, road on stilts, and such as meant for defence and security purpose and for

other facilities that are essential for activities permissible under the notification”

Para 4(i)(a) &(f) “construction and operation for **ports and harbours**, jetties, wharves, quays, slipways, ship construction yards, breakwaters, groynes, erosion control measures;

Para 8(I)(i) (b) &(c) “pipelines, conveying systems including transmission lines; &

Para 8 (III) B (ii), (iii) & (iv) “facilities for receipt and storage of petroleum products and liquefied natural gas as specified in Annexure-II; (iii) facilities for regasification of liquefied natural gas subject to conditions as mentioned in sub-paragraph (ii) of paragraph 3 (iv) storage of non-hazardous cargo such as, edible oil, fertilizers, food grain in notified ports

The project attracts Environment Clearance under EIA Notification, 2006 and CRZ Notification 2011. The activities in the CRZ areas required clearance from MoEF& CC under 3 (i) (a) and 4(ii) (b) (d) and (f) of the CRZ Notification 2011.

Regarding Kanika Island the CEO of Dhamra Port said that Kanika Island will not be affected and the northern channel which feed the mangroves will not be blocked. In response to a question regarding probable erosion in the northern part due to proposed groyens, he replied that accretion and erosion will not happen in the northern side due to existing tranquility in the area.

Mr A.K. Banerjee, EIC of Water Resources Department, who was invited to offer his opinion on the project, submitted a Letter no. 2378/ dt 25.01.2019) in response to the report of NIO, Goa, a brief of which is given below:

- The flood water of Dhamra River may not have any significant effect on Kanika Island after construction of proposed extension of Dhamra Port
- Construction of extension work of Dhamra port may not affect discharge of flood water of Dhamrariver through its mouth into the sea.

OCZMA discussed the proposal and agreed to recommend the project proposal to MoEF& CC, Govt. of India for grant of CRZ Clearance under CRZ Notification, 2011 after submission of the following documents:

- I. Impact of the project on Kanika island and wheeler island
- II. IUCN report and Berhampur University report
- III. Report on Loss of Benthic sessile flora & fauna
- IV. Undertaking from DPCL to the effect that Mangroves in the northern side shall not be blocked from 3 sides and kept open channels for free tidal flow of water which is crucial for survival of existing mangroves.
- V. Undertaking to take adequate steps for conservation of river Banks & Kanika Island, so that they are not affected during or after the project is expanded.
- VI. DPCL will not damage any existing mangrove forest/vegetation during execution of the project.

Subsequently, Zonal Office of MoEF&CC in their letter dated 01.02.2019 addressed to the Additional Chief Secretary, Forest & Environment Department have furnished their views especially raising two issues:

- a) Regarding taking measures for conservation of Kanika Island and observed that the compliance to this condition is not satisfactory. Therefore, the project may be asked to prepare a Time bound Action Plan along with implementation, for the development and conservation of Kanika Island.
- b) The project proponent may take up more studies to analyse the impact on both riverine as well as marine ecology.

Regarding (a) above, the specific conditions imposed by the MoEF&CC at para (viii) and (xiv) of the EC letter dated 01.01.2014 are given below verbatim:

- “(viii) Commitment for all the recommendation provided by OCZMA and NIO for protection of Kanika Island and earmark specific amount for the conservation plan. The plan can be prepared in consultation with the OCZMA and Forest Department”
- (xiv) All the recommendations and conditions stipulated by Odisha Coastal Zone Management Authority (OCZMA) No OCZMA-1/2012-13 dated 20.12.2012 shall be complied with.”

In this context, Forest and Environment Department after repeated consultation process with the Wildlife Wing approved the proposal for implementation of the Conservation Plan of Kanika Island and asked Dhamra Port Company Ltd to place an amount of Rs 325 lakhs with DFO, Bhadrak wildlife Division vide F&E Dept letter No EE-16/2018/10054 dated 01.05.2018. It is verified from DFO, Bhadrak that an amount of Rs 40 lakhs has been deposited by DPCL and the process of implementation of the Conservation Plan has started.

Regarding (b) above, it may be mentioned that OCZMA has already taken note of these issues during the presentation and accordingly have asked for necessary documents as conveyed by the zonal office of MoEF&CC in their present letter. However, DPCL may be asked to prepare another comprehensive report on the impact of the project on both riverine and marine ecology of the area and issues raised by the Zonal office of MoEF&CC.

F. Any other issue with the permission of the Chair

The issue of non-submission of 1:4000 scale maps by private parties seeking CRZ clearance for construction of residential building for their own use was placed before the Authority. This matter was discussed earlier in the previous meetings but could not be decided. In fact, 1:4000 scale maps are required to be prepared and authenticated by one of the authorized agencies of MoEF & CC and these authorized agencies are charging very high price for preparation of 1:4000 maps, which is beyond the scope of individual non-commercial housing projects. Accordingly, the Authority agreed to waive/exempt the requirement of 1:4000 scale maps for this kind of non-commercial housing projects. But this exemption will not be applicable to any commercial housing projects. further GOI may be moved to engage one authorised agency from Odisha State.

1. CRZ Clearance for construction of residential building at Gopalpur by Sri Jagannath Rout

The applicant Sri Jagannath Rout has submitted a proposal for construction of residential building at Gopalpur. As per the proposal submitted, the proposed construction is a G+2 residential building over plot no.830,839/1091 and 839/1090, khata no. 317& 233 of mouza Gopalpur, Konoshi tehsil in Ganjam District. The plot area is 569.51 sq.m. The ground coverage will be 155.72 Sq.m. and the total built up area is 467.16 sq.m. FAR is 1.0. The height of the building will be 9 mtrs.

Berhampur Development Authority approved the building plan for the proposed construction vide letter no. BPGA-09/2013/BDA, Berhampur dt 08.11.2013.

The water requirement during operation phase is 10 KLD, which will met by municipality source. The power requirement is about 10 KW, which will be met from SOUTHCO. The solid waste generated during operational phase will be collected through collection bins and handed over to the Municipal Authority. The liquid effluent generated will be treated through STP.

The geographical location of the plot is $19^{\circ} 15' 24.91''\text{N}$ & $84^{\circ} 54' 27.64''\text{E}$. The site is located in the CRZ –II area of Gopalpur urban area. **The cost of the project is Rs.80 Lakhs.** The proposed site is located on the landward site of the existing authorized structure (Existing road& structures).

The activity is permissible under the Para 8 (i) (II) CRZ-II (i) of CRZ Notification, 2011, “buildings shall be permitted only on the landward side of the existing road or on the landward side of the authorised structures”.

In 2013, he got approval from Berhampur Development Authority for construction of a building. BDA did not inform him about CRZ clearance. When it was placed before the Authority, it was decided to deal with the matter as per Environment (Protection) Act, 1986. Now he explained the Authority that the initiation of the structure has been demolished by him and he is seeking a fresh clearance from the Authority. On receipt of clearance and necessary permission, he will start construction.

The proposed project does not attract Environmental Clearance under EIA Notification, 2006. Location map on 1:4000 scale maps has not been provided.

Having considered the decision of the authority to exempt 1:4000 scale maps for

this kind of projects, the Authority decided to grant CRZ Clearance to the aforesaid project as per CRZ Notification, 2011 and recommend to the Berhampur Development Authority for according necessary permission for construction of the Residential building.

2. CRZ Clearance for construction of residential building- Ekadanta Paradise at Puri by Pradipta Kumar Mohanty

The project proponent Sri Pradipta Kumar Mohanty has submitted a proposal “construction of residential building- Ekadanta Paradise at Puri” for CRZ Clearance. The proposed Stilt +3 storied residential building is planned over plot no. 202/435, Khata No. 87/40 in mouza Bankimuhan of P.S Puri Sadar. The land area acquired for the proposed project is 570.21 sq.m. The total built up area proposed will be 1139.84 sq.m. Ground coverage of the building will be 284.96 sq.m which is 50% of the plot area. The FAR of the building is 1. The maximum height of the building is 12 m. The area coverage of the first, second and the third floor will be 284.96 sq.m with 10 rooms in each floor.

The water requirement during operational area will be estimated 10 KLD which will be met from the ground water source. The electricity requirement is 50kw which will be met from central electricity supply utilities (CESU). The solid waste generated will be segregated at source and the non-biodegradable waste will be routed to the municipality waste collection agency and biodegradable waste will be composted to use in the greenbelt and lawn area.

The geographical location of the project site is 190 48’ 9.8” N & 850 50 12.9”E. The location of the project is coming under CRZ-II area of Puri. The total cost of the project is Rs. 2.0 Crores.

The project proponent has indicated that the proposed activity is permissible under: Para 8 (i) (II) CRZ-II (i) of CRZ Notification, 2011, “buildings shall be permitted only on the landward side of the existing road, or on the landward side of existing authorized structures”.

The proponent has submitted “Consent to Establish issued by OSPCB, NOC from the Central Ground Water Authority for ground water supply has also been provided.

Location map on 1:4000 scale has not been provided from any authorized agency identified by MoEF&CC, Govt. of India. This is a 3 storied building with 30 one-BHK rooms with attached bathrooms, which appears to be a commercial building of 2 crores.

OCZMA discussed the proposal and decided to grant CRZ clearance to the aforesaid proposal as per CRZ Notification, 2011 with a request to the concerned Planning Authority to permit construction as per their existing provisions after submission of following documents;

- (i) Documents on RoR**
- (ii) Land ownership as per the Sabik records**
- (iii) NoC from the Collector regarding the sole ownership**
- (iv) Superimposing the project location in 1:4000 scale CRZ map prepared and duly authenticated by any one of the authorized agency identified by MoEF&CC, Govt. of India as it is an apartment project used for commercial purpose.**

3. Coastal Regulation Zone Notification, 2019 issued by MoEF& CC vide G.S.R. 37(E) Dt. 18th January, 2019

The Additional Project Director made a presentation on the Coastal Regulation Zone Notification, 2019 issued by MoEF& CC vide G.S.R. 37(E) Dt. 18th January, 2019 in supersession of the Coastal Regulation Zone Notification, 2011 issued vide S.O No.19 (E) dt. 6th January, 2011.

It was informed that this Notification would be applicable only to those States/UTs which have got approval of CZMP under 2011 Notification and also have approved CZMP on the basis of Coastal Regulation Zone Notification, 2019 after updation of existing CZMP. Important provisions of the Notification are as follows:

- CRZ shall apply to the land area between HTL to 50 meter or width of the creek whichever is less on land ward side along the tidal influenced water bodies.
- Census based categorization of Coastal Regulation Zone III
 - CRZ-III A (census date > 2161 /sq.km. – NDZ 50 m from HTL) and
 - CRZ-III B (census date < 2161/sq.km. – NDZ 200 m from HTL)

- OCZMA empowered to grant CRZ Clearance to the projects or activities located in CRZ-II or CRZ-III area not covered under EIA Notification, 2006.
- Any project or activity in CRZ-II & CRZ-III area which will transverse through CRZ-I & CRZ-IV area will be recommended to MoEF&CC for consideration.
- Coastal Zone Management Plan under CRZ Notification, 2011 if approved can be considered.

The following steps are required to be taken by OCZMA for approval of the new CRZ Notification 2019.

- Revise or update the CZMP framed under CRZ Notification, 2011. ORSAC to prepare new CRZ maps as per CRZ Notification, 2018.
- Provide draft maps to the district coastal zone monitoring committees for views/suggestion/ comments
- Provide draft maps to all concerned Odisha Govt. Departments and stakeholders for their views/ suggestion/ comments.
- Views of the Members of the Authority.
- Prepare draft CZMP considering views/ suggestion/ comments received from different Departments, Committees and Organizations
- Present the draft CZMP before NCSCM for recommendation to NCZMA
- Presentation before NCZMA for recommending the same to MoEF&CC for approval.

It was also informed to the Authority that Odisha was the first State in the country to receive the approved CZMP prepared on the basis of the Coastal Regulation Zone Notification, 2011. The Authority heard the matter and decided that OCZMA should take up immediate steps for approval of the CZMP based on CRZ Notification 2019.

The meeting ended with thanks to the chair and participants.

Additional Chief Secretary to Govt.
Forest & Environment Department and
Chairman, OCZMA

31st meeting of the Odisha Coastal Zone Management Authority

Venue: - ICZMP Conference Hall



Date: - 25th January, 2019
Time: 11:00 AM

Sl. No.	Participants
1.	Additional Chief Secretary Forest & Environment Department Government of Odisha
2.	Representative of Commissioner-cum-Secretary to Govt. Fisheries and Animal Resources Development Dept. Government of Odisha
3.	Representative of Commissioner-cum-Secretary to Govt. U&UD Dept., Government of Odisha
4.	Principal Chief Conservator of Forest (WL) and Chief Wildlife Warden, Odisha
5.	Director Environment-cum- Special Secretary to Govt., F&E Department and Member Secretary, OCZMA
6.	Member Secretary State Pollution Control Board, Odisha
7.	Chief Executive Chilika Development Authority
8.	Project Director ICZM Project, Odisha
9.	Chief Executive Odisha Space Application Centre
10.	Dr. B.R. Subramanian Former Director, ICMAM, Chennai
11.	Representative of Chief Conservator of Forests Regional Office of MoEF & CC, Bhubaneswar
12.	HoD, Marine Science, Berhampur University