

ODISHA COASTAL ZONE MANAGEMENT AUTHORITY

Forest & Environment Department, Government of Odisha

Letter No. 116 /OCZMA

То

Dt. 08/07/2020

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

Sub: Proceedings of 34th meeting of the Odisha Coastal Zone Management Authority. Sir,

I would like to transmit herewith the proceedings of 34th meeting of the Odisha Coastal Zone Management Authority held on 19.06.2020 at 11:30 am in the Conference hall of the ICZMP, Odisha under the chairmanship of Addl. Chief Secretary, Forest & Env. Department and Chairman, OCZMA for your kind perusal and necessary action.

Encl: As above

Memo No. <u>//7</u>/OCZMA

Copy submitted to Private Secretary to Addl. Chief Secretary, Forest & Environment Department for kind information of Addl. Chief Secretary.

etary, OCZMA

Yours faithfully,

Nember Secretary, OCZMA

Dt. 08/07/ 2020

Proceedings of the 34th meeting of the Odisha Coastal Zone Management Authority (OCZMA) held on 19.06.2020 at 11.30 am.

A. The 34th meeting of the Odisha Coastal Zone Management Authority (OCZMA) was held on 19.06.2020 at 11.30 am under the Chairmanship of Additional Chief Secretary to Govt., F&E Department, Govt. of Odisha. The list of members present is attached.

B. Confirmation of the minutes of the 33rd meeting of OCZMA held on 2.11.2019

It was submitted before the Authority that the minutes of 33rd meeting of OCZMA were sent to all the members vide letter no. 292/OCZMA Dt. 15.11.2019, since no response has been received. Hence the minutes were treated as confirmed.

C. Compliance of the decision taken in the last OCZMA Meeting

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Sl.	Project /	Decision taken	Compliance	Remarks
No	Project			
•	Proponent			
1	Coastal Protection	OCZMA discussed the		
	Measures to address Erosion and Saline	proposal and decided to grant CRZ clearance to		
	Intrusion and Satine	the aforesaid project		
	different locations in			
	Odisha Coast by			
	Water Resource			
	Department under	minimal intervention in		
	ICZM Project.	the coast is always better		
	nanator fanna in 14 an 🖌 haardaansh	and therefore some		
a)	Coastal Protection	studies could be	Clearance order was	Noted
	Measures to address	undertaken to ascertain	issued vide letter No.	The second se
	Erosion and Saline	the impact of the project	300/OCZMA dt.	
	Intrusion near the	at a later stage.	16.11.2019	
	mouth of Mangala			
	River.			
b)	Coastal Protection Measures to address		Clearance order was	Noted
	Erosion and Saline		issued vide letter No. 298/OCZMA dt.	
	Intrusion at		298/OCZMA dt. 16.11.2019	
	Ramachandi near		10.11.2019	
	Konark. Coastal Protection	3	Clearance order was	Noted
C)	Measures to address		issued vide letter No.	NULEU
	Erosion and Saline		296/OCZMA dt.	
	Intrusion near		16.11.2019	
	Ramayapatna Establishment of 10	OCZMA discussed the	The proposal was	Noted
2		proposal and considered	recommended to MoEF	noted
	Plant at Paradip Port		& CC Govt. of India	
	Trust area by	proposal to MoEF & CC	vide letter no.	
	Paradip Port Trust.	Govt. of India for	294/OCZMA dt.	
		considering grant of CRZ	16.11.2019	
		Clearance under CRZ Notification, 2011		
	1	Nouncation, 2011		

3	Construction of La Franklin Hotel at Paradip, Jagatsinghpur district by M/s Laxmi Franklin Hospitality Pvt. Ltd. Resorts Pvt. Ltd.		The proposal was recommended to MoEF & CC Govt. of India vide letter no. 310/OCZMA dt. 16.11.2019.However, Govt. of India vide F.No. 19- 127/2019 dt. 4th December returned the proposal for further necessary action as the instant proposal (built up area less than 20,000 sq.m) would only require clearance/ approval from the concerned Town Planning Authorities based on the recommendation of the State Coastal Zone Management Authority in accordance with the extant provisions of 	Noted
			no. 329/OCZMA Dt. 17.12.2019	
4	CRZ clearance for operation of Water Sports Activities in the Puri Beach" by Puri water Sports Bali Nolia Sahi, Puri"	proposal and decided to grant CRZ clearance to	The clearance order was communicated to the Project proponent vide letter no. 306/OCZMA Dt. 16.11.2019 with a copy to the Dept. of Tourism vide letter no. 307/OCZMA Dt. 16.11.2019 and Collector & District Magistrate, Puri vide letter no. 308/OCZMA Dt. 16.11.2019 for implementation of the project.	Noted

		,		
		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.		
		Operation of water sports		
		activities allowed only		
		in day time or as		
		decided by the District		
		Administration		
		No such activity will be		
		allowed in Sanctuary		
		area.		
		Adequate safety measures		
		shall be taken at the		
		time of boarding and		
		de-boarding Discharge of fucl to see in		
		Discharge of fuel to sea is		
		strictly prohibited		
		Littering of polythene		
		carry bags and such		
		other materials banned		
		by the state Govt. in to		
		the sea is punishable	e -	
		under the relevant		
		notification of the Govt.		
		from time to time.		
		The district		
		administration shall		
		develop a common		
		safety plan for the		
		operation of coastal		
		water sports activities.		
5.	CRZ clearance		The clearance order	Noted
5.	Operation of Water			
	sports activities at	•		
	Gopalpur Beach,	the aforesaid project		
		under CRZ Notification,		
			The set of the second sec	
	Dunnimaa Engineers	2011 subject to the		
	and Drivers	following terms and	• • • • • • • • • • • • • • • • • • •	
	Enterprise Pvt. Ltd.	conditions:	Tourism vide letter no.	
			303/OCZMA Dt.	
		(i) Construction of any	16.11.2019 and	
		permanent structure	Collector & District	
		· · · · · · · · · · · · · · · · · · ·	Magistrate, Ganjam	
		in CRZ area in strictly		
		prohibited.	vide letter no.	X
		prohibited. (ii) Operation of proposed	vide letter no. 304/OCZMA Dt.	2
		prohibited.(ii) Operation of proposed water sport activities	vide letter no. 304/OCZMA Dt. 16.11.2019 for	
		prohibited. (ii) Operation of proposed water sport activities shall not be allowed	vide letter no. 304/OCZMA Dt.	
		prohibited.(ii) Operation of proposed water sport activities	vide letter no. 304/OCZMA Dt. 16.11.2019 for	

		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. (v) Adequate safety measures shall be taken at the time of boarding and deboarding (vi) Discharge of fuel to sea is strictly prohibited (vii) Littering of polythene carry bags and such other materials banned by the state Govt. in to the sea is punishable under the relevant notification of the Govt. from time to time. (viii) The district administration shall develop a common safety plan for the operation of coastal water sports activities.		
6	NOC for proposed Residential Apartment cum Guest House over Khata No.2 Plot No.268(P) in Mouza Sipasurubili, Puri Sadar by M/s Prabhukrupa Realties Pvt. Ltd.	OCZMA discussed the proposal and decided to get the facts and figures vis-à-vis land documents provided by the proponent checked through field verification.	The Collector & District Magistrate, Puri was requested vide letter no. 322/OCZMA Dt. 30.11.2019 to furnish a clear letter indicating the title rights and possession of the land in question over which the project has been proposed. ORSAC was requested vide letter no. 81/OCZMA Dt. 12.06.2020 for field	Sub- Collector, Consolidatio n, Puri has furnished reports regarding ownership of the land for item No

7	NOC for Layout over Khata No.2 Plot No. 268(P) in Mouza Sipasurubili,Puri by Sri Madhusudan Singari.	The Collector & District Magistrate, Puri has been requested vide letter no. 318/OCZMA Dt. 30.11.2019 to furnish a clear letter indicating	no. 416 dt 11.06.2020 , letters no. 418 dt 11.06.2020, letters no. 424 dt
		the title rights and possession of the land in question over which the project has been proposed. Response of ORSAC Awaited.	11.06.2020 & letters no. 414 dt 11.06.2020 respectively which have been received on 17.6.2020.
			The Authority decided that the reports would be examined and the
8	NOC for proposed Residential Apartment cum Guest House over Khata No.27 Plot No.309(Part), Sub PlotNos.1,2,3,4,5,6, 7,13,14,15,16,17,18 & 19, Area of 7.00 Ac., Mz-Sipasurubuli, Puri Sadar, Puri by M/s Prabhukrupa Realties Pvt. Ltd.	The Collector & District Magistrate, Puri has been requested vide letter no. 324/OCZMA Dt. 30.11.2019 to furnish a clear letter indicating the title rights and possession of the land in question over which the project has been proposed. Response of ORSAC Awaited	same would be sent to ORSAC for a clear report. After receipt of field verification reports from ORSAC, file would be submitted to the Chairman for taking a final decision in
9	NOC for proposed development over Khata No.51 Plot No.304/407(P) Area- Ac.1.860 in Mouza Sipasurubili, Puri Sadar by M/s Krishna Eastern Builders India Pvt. Ltd.	The Collector & District Magistrate, Puri has been requested vide letter no. 320/OCZMA Dt. 30.11.2019 to furnish a clear letter indicating the title rights and possession of the land in question over which the project has been proposed. Response of ORSAC awaited.	the matter.

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D. Fresh Proposal

1. CRZ clearance for "Operation of Water Sports Activities at Chandrabhaga Beach, Konark, Puri" by Khusi Water Sports.

The Proprietor of Khusi water Sports, Konark made a presentation for the project namely "Operation of Water Sports Activities near Chandrabhaga Beach" for CRZ Clearance.

As per the submitted reports & documents the site selected for the proposed activity is near Chandrabhaga Beach. The GPS Co-ordinates of the proposed site is 19°51'55.19"N, 86°06' 43.37"E to 19°51' 57.73"N; 86°06' 53.30"E. The length of the project is 300 m along the coast.

The Proposed project will provide following water sports facilities for the beach tourism.

- All-Terrain Vehicle (ATV): 3 nos ,2 seated capacity each
- Speed Boat: 2 Nos with 6 Seated capacity each
- Banana Boat: 1 nos. 3-6 person capacity

The proposed activity is related to "water front" as it will operate water sport craft / small vessels and ATV Vehicles. RCC construction is not proposed in this activity.

The project proponent informed that for all the operations, necessary safety provision like jackets, crash helmet, first-aid kits and fire extinguisher and UHF/ GPS for communication would be provided and that the activities would be operated under the surveillance of the experts & guide.

The cost of the proposed project is Rs. 28 Lakhs.

The project location superimposed in the CRZ Map in 1:25,000 scale indicated that the operation area of the water sports activities fall in CRZ-IV (A) i.e Sea & CRZ-I (B) inter tidal area. The CRZ-IV-A area will be used for Operation activity and CRZ-I B for boarding and landing purpose.

The proposed activity is permissible under CRZ Notification, 2011 as per Para 3 (i) (a) "these directly related to water front or directly needing foreshore facilities" &

Para 4(i) (a) "clearance shall be given for any activity within the CRZ only if it requires water front and foreshore facilities"

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

OCZMA discussed the proposal and decided to grant CRZ clearance for implementation of the aforesaid project under CRZ Notification, 2011 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 is allowed only in day time and as decided by the District Administration
- (iv) No such activity shall be allowed in Sanctuary area.

- (v) Adequate safety measures shall be taken at the time of boarding and de-boarding.
- (vi) Discharge of fuel to sea is strictly prohibited.
- (vii) Littering of polythene carry bags and such other materials banned by the State Government, into the sea is punishable under the relevant Notification of the Government from time to time.
- (viii) The district administration shall develop a common safety plan for the operation of coastal watersports activity.

2. CRZ clearance for Operation of Water sports activities at Puri Beach, Puri by M/s Dunnimaa Engineers and Drivers Enterprise Pvt. Ltd.

The project proponent of "Dunnimaa Engineers and Drivers Enterprise Pvt. Ltd", Mumbai made a presentation for the project namely "Operation of Water Sports Activities at Puri Beach" for CRZ Clearance.

The aim of the project is to develop adventures tourism and increase employment opportunities for the locals.

The proposed project selected two sites for the water sports activity:

Site-1 is from Puri Hotel to hotel Mahadadhi Palace. Total length is 500 m & the GPS Coordinates is 19^{0} 47' 41.34"N, 85^{0} 49' 31.64"E to 19^{0} 47' 36.29"N, 85^{0} 49' 15.53"E.

Site-2 is from Hotel Mayfair to Hotel Holiday Resorts (1km) and the GPS Co-ordinates is $19^{\circ} 47' 52.16"$ N, $85^{\circ} 50' 05.94"$ E to $19^{\circ} 48' 00.74"$ N, $85^{\circ} 50' 40.27"$ E

The Proposed project will provide following items for the beach tourism.

- Jet Ski: 8 nos
- Motor /Speed boat:6 nos
- Parasailing boat: 01 no
- Inflatables:10 nos
- ATV(All- Terrain Vehicle):10 nos
- Surfing: 3 nos
- Jeep Parasailing: 2 nos
- Powered Parashute:02 nos

No RCC Constructions has been proposed in this project. Necessary safety measures like life Jackets, crush Helmets will be provided to the tourists at the time of ride. The activities will be operated under the surveillance of the experts & guides. First-aid kits and fire extinguisher and UHF/ GPS for communication will be provided. The cost of the proposed project is Rs. 3.09 Cr.

The project location superimposing in the CZMP approved CRZ map in 1:25,000 scale indicated that the operation of the water sports area fall in 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 RCC construction is proposed.

The proposed activity is permissible under CRZ Notification, 2011 as per Para 3 (i) (a) "those directly related to water front or directly needing foreshore facilities" &

Para 4(i) (a) "clearance shall be given for any activity within the CRZ only if it requires water front and foreshore facilities".

The proposed activity has received NOC from Dept. of Tourism, as well as Port& IWT of Govt. of Odisha.

OCZMA discussed the proposal and decided to grant CRZ clearance for implementation of the aforesaid project under CRZ Notification, 2011 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 is allowed only in day time and as decided by the District Administration
- (iv) No such activity shall be allowed in Sanctuary area.
- (v) Adequate safety measures shall be taken at the time of boarding and de-boarding.
- (vi) Discharge of fuel to sea is strictly prohibited.
- (vii) Littering of polythene carry bags and such other materials banned by the State Government, into the sea is punishable under the relevant Notification of the Government from time to time.
- (viii) The district administration shall develop a common safety plan for the operation of coastal watersports activity.

3. Construction of Residential Apartment at Puri by Sri Rajesh Kumar Sahoo.

Sri Rajesh Kumar Sahoo made a presentation for the project namely "Construction of residential apartment at Puri" for CRZ clearance.

The proposed project is a S+4 floors residential apartment which proposed to be constructed over plot no. 360/428(p), khata no. 30, Mouza Sipasarubili, P.S Puri Sadar. No.78. total area of the plot is 854.70 sq.m. and is a private vacant land under the possession of the project proponent. Ground coverage of the proposed construction is 418.4 sq.m and the total built up area of the apartment is 2092 sq.m. The FAR of the building is 1.96. The height of the building is approx. 15m. The ground floors of the building covers mostly stilt area, stair case and lift & security room. The all 4 upper floors contain 11 rooms each with attached toilets. There is a 40ft road in the east side of the plot and a 20ft road in the north side of the plot. The total cost of the project is Rs. 3 Crore.

The water requirement is estimated to be 5KLD and will be sourced from Puri Municipality. Power requirement is 50kw which will be sourced from Central Electricity Supply Utility (CESU). Solid waste generated will be estimated to be 40kg/day which will hand over to the authorised solid waste collection agency. The liquid effluent generated will be treated by STP and treated water will be released to the sewerage pipeline. All necessary Fire safety precaution will be taken during construction as well as operation phase. Stilt will be used for parking. Wind resistance local species will be planted along the boundary.

The project proponent has prepared a disaster management report indicating the risk assessment and design parameters to withstand such multi hazard risks to maintain structural stability.

The geographical coordinates of the project site is 19° 47' 23.39"N, 85° 47' 51.04" E, 19° 47' 23.30"N, 85° 47' 50.18" E, 19° 47' 22.21"N, 85° 47' 50.31" E, 19° 47' 22.29"N, 85° 47' 51.19" E.

The project location superimposed on the CRZ Map indicated that the site is located in the CRZ-II area of Puri and is located on the land ward side of the existing road (Sheet No. 25, Map No. 74E/2/NE in 1:25, 000 scales, prepared by ORSAC and sponsored by F & E, Govt. of Odisha as per the existing CZMP, Odisha).

The proposed activity is permissible under:

Para 8(i) (II)(i) "buildings shall be permitted only on the landward side of the existing road or on the landward side of existing authorised structures.

Para 8(i) (II)(ii) "buildings permitted on the landward side of the existing and proposed roads or existing authorised structures shall be subject to the existing local town and country planning regulations including the existing norms of Floor Space Index or Floor Area Ratio, provided that no permission for construction of buildings shall be given landward side of any new roads which are constructed on the sea ward side of an existing road"

The project does not attract Environment Clearance under EIA Notification, 2006 as the total built up area of the project is 2092 sq.m.

OCZMA discussed the proposal and decided to recommend the proposal to the Puri Konark Development Authority (Local Town Planning Authority) as per para 4 (i) (d) under CRZ Notification, 2011.

4. Development of an all-weather multiuser Greenfield Port at Astaranga, Puri District, Odisha by M/s Navayuga Engineering Company Limited (NECL).

The Managing Director of M/s Navayuga Engineering Company Ltd. (NECL) made a proposal for the proposal namely "Development of an all-weather multi user Greenfield Port at Astaranga, Puri district, Odisha for CRZ recommendation.

Govt. of Odisha and Navayuga Engineering Company Ltd signed a MoU for preparation of Techno Feasibility Report (TFR) for the development of the Astaranga Port on 22nd Dec. 2008. The TFR & DPR submitted by NECL was approved by Govt. of Odisha on 27th May 2013. After acceptance of the proposal, the Dept. of Commerce & Transport, GoO signed a Concession Agreement with NECL on November 22, 2010 for the development of Astaranga Port at Astaranga in Puri district.

The proposal receives ToR from MoEF & CC, Govt. of India vide order F. NO. 11-60/2013-IA.III dt. 28th January, 2016 and further extension of ToR for 4 years vide MoEF & CC, order F. NO. 11-10/2020-IA.III dt. 7th April, 2020.

The proposed port at Astaranga is a Green field project and will be undertaken in different phases. The proposed Phase-IA development envisages the required marine and shore based infrastructure to cater various cargoes handling capacity of 17.7 MTPA which includes 11.7 MTPA of Export Cargo and 6 MTPA of Import Cargo to handle the materials like thermal coal, cooking coal, Aluminium products.

The marine infrastructure includes:

• Two breakwaters i.e 300m long north breakwater & 1300m long south breakwater.

- Two quay i.e 550m length & -12.5 m depth northern quay and 700m length & -15.5m depth southern quay,
- An approach channel of length 6200m, width of 180m & depth of -15.5m for navigation of the vessels and
- A turning circle of 450m dia & -15m depth is proposed for safe maneuvering of the vessels within the port. The sizes of the vessels are proposed to be 85,000 DWT & 120,000 DWT light loaded vessels with a draft of 14.5m.

The shore based infrastructure includes cargo storage areas, stockyard, warehouses roads railway lines conveyer's pipelines, administrative building etc.

As estimated by the project proponent the total quantum of 23.5 million cum dredge spoil will be generated during the dredging process of the channels & harbour area out of which 18 million cubic meter will be used for reclamation and filling of low lying area within the port limit, 1.0 million cubic meter will be deposited on north coast for coastal protection and the balance 4.5 million cubic meter will be disposed at sea in the identified location beyond -25m contour. The annual maintenance dredging is estimated to be 0.95 million cum per annum which will be disposed to sea.

The proponent also proposed for a railway line of about 75km long from the New Bhubaneswar Railway station to the Port area and a multilane road of about 65km long from NH-16 near Phulnakhara to Port Area are proposed in this phase.

As per the Concession Agreement, Govt. of Odisha has agreed to make available total Land area of 1578.269 Ha (3899.987 Ac.) for the development of the Port. Out of the total area required for the project, about 24.696 Ha of protected forest near Astaranga area and 48.582 Ha. of Gramya jungle require diversion for the proposed project. The Director of Ports, GoO has been applied to Forest Dept. GoO, for diversion of the Forest area to a suitable place. The total cost of the project is 7417.00 Crores.

The GPS Co-ordinates of the proposed site is located at Latitude 19° 56'00" N & Longitude 86° 17'00"E. The project site is located in the topo sheet no. E45C5 as per the map prepared by Survey of India. The CRZ map in 1:4000 scales & Reports prepared by Institute of Remote Sensing (IRS) Anna University Chennai, indicates that the proposed development activities falls on CRZ-I(A), CRZ-III(A) & (B), CRZ-IV(A) & CRZ-IV(B) zones.

As per the observation of IRS, Chennai about 30.80 Ac. of Mangrove alongside the Kadua creek and extent will be disturbed due to proposed training of 2 meanders in the creek. Creek diversion study was conducted by NIOT, Chennai.

The project proponent reported that the two meandering stretches of Kadua creek will be reclaimed for the effective use of port without hindrance to the flow of water and also reported that as per the provision of CRZ Notification, 2011 amendment dated 30.12.2015, the area equivalent of 3 times the mangroves to be disturbed will be replanted in the identified north & south part outside the proposed project area in consultation with Forest Dept., Govt. of Odisha.

The proposal involved disturbance of a large area of Mangroves along the Kadua River, so a Mangrove Conservation Plan may be prepared and implemented by Forest Dept. Govt. of Odisha/ DFO Concerned for the Astaranga Port and the cost of which will be met by the Port Authority as similar type of decision was taken by Authority for Dhamra Port limited.

The proposed activities are permissible as per CRZ Notification, 2011 under

Para 3(i) (a) "those directly related to waterfront or directly needing foreshore facilities"

Para 3(i)(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 defense and security purpose and for other facilities that are essential for activities permissible under the notification;

Para 3(i) (iv) (c) "maintenance or clearing of waterways, channels and ports, based on EIA studies"

Para 4(i) (a) "clearance shall be given for any activity within the CRZ only if it requires waterfront and foreshore facilities"

Para 4(i) (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) (b) "pipelines, conveying systems including transmission lines;

Para 8(i) (I) (i) (c) "facilities that are essential for activities permissible under CRZ-I"

The project requires Environment Clearance under 7 (e) of EIA Notification, 2006 and CRZ Clearance as per Para 3(i) (a) of CRZ Notification 2011. Hence MoEF &CC is competent to grant clearance under para 4(ii) (b) (d) and (f) of the CRZ Notification 2011 on receipt of recommendation from concerned CZMA.

Authority heard the presentation made by the project proponent and after due deliberation, opined that there were no clarity on certain important environmental aspects. So it was decided that the following documents are required for consideration of the proposal.

- 1. To find out the possibility of not disturbing the mangroves areas around the creek and to acquire land in the safer side which has no mangroves, If not, a complete justification will be required.
- II. A relevant modeling study to access the possible impact on shoreline stability (coastal erosion) near the project area will be required.
- III. Report on loss of benthic flora & fauna and its management.
- IV. Preparation of a Mangroves conservation and Management Plan after taking due inputs from the concerned DFO for the loss of mangroves to be incurred during implementation and operation of the project.

5. CRZ Clearance for Paradip Somnathpur-Haldia pipeline project of Indian Oil Corporation Limited (IOCL) falling within Odisha State.

The Chief Construction Manager, (PSHPL) Indian Oil Corporation Limited (IOCL), Bhubaneswar made a presentation for the project namely "Paradip-Somnathpur-Haldia pipeline section falling within the State of Odisha" for CRZ Clearance.

The objective of the proposed pipeline project is to meet the long term petroleum product demand of three linked top off point's i.e. Haldia- Barauni pipeline (HBPL), Baurauni-Kanpur Pipeline (BKPL) & Haldia Mourigram-Rajbandh pipeline (HMRPL) of IOCL up to 2029-30.

The proposed pipeline system will be designed to optimum transport of the petroleum products such as Motor Sprit (MS), High Speed Diesel (HSD), and Superior Kerosene Oil (SKO) from Paradip to Haldia through intermediate delivery marketing terminal at Somnathpur.

The present proposal of South Eastern Regional Pipelines (SERPL) involves laying of 344 km long product pipeline from Paradip to Haldia via Somnathpur along the corridor of their existing pipeline i.e Dhamra-Haldia LNG Pipeline with a diversion point at Balasore. The

total length of the pipeline is estimated to be 249 km in the state of Odisha. The capacity of the pipeline is 4.6 MMTPA.

As per the report submitted by project proponent the proposed pipeline will be originated inside the Paradip Refinery and transverse in a new Right of way (RoW) for a length of around 62 km and after that it will join to the existing Paradip-Haldia Barauni Pipeline and transverse alongside the existing RoW for most parts except 25 km to the delivery station at Somnathpur Terminal in Balasore district. Out of the total 249 km length of pipeline inside Odisha, about 163 km will be transverse with the existing RoW and 181 km in a new RoW.

The pipeline will cross the major rivers i.e Mahanadi, Subarnarekha, Champa, Bhurju, Baitarani, Brahmani through Horizontal Directional Drilling (HDD) technique and minor rivers and canals through submerged crossing method. For the laying of pipeline about 18 m width of RoW will be acquired and the pipeline will be laid underground at a depth of 1.2 m below ground level and 10-15m below the deepest point of rivers, creeks & water bodies. Cased cross technique will be adopted for crossing the roads and railways.

Paradip is the originating point and will be equipped with two booster pumping units which receive the petroleum products. There is a product delivery station at Somnathpur at Balasore which will be provided with two transmix tanks of 500 KL capacity each along with scraper receiving and launching facilities. The pipeline throughout the length will be provided with RTTM types leak detection system which will be interfaced with Supervisory Control and data acquisition system (SCADA). The server for controlling all the activities will be installed at Haldia, West Bengal.

As per the proposal submitted by the project proponent, no permanent land will be acquired for laying of pipeline except the new RCP/SV station. The land will be temporarily purchased from the land owner along the mainline route for laying of pipeline and an area of 4.5 Ac. is purchased by IOCL at Somnathpur terminal. Project Cost-total cost of the project is Rs. 1368 Crore,

Water requirement for operation of the pipeline system is minimal except for firefighting which will be drawn at Paradip, Haldia and Somnathpur stations.

The project proponent has carried out an EIA & EMP study by M/s Mantech Consultant Pvt. Ltd. an NABET Accredited EIA Consultant.

The Geographical co-ordinates of the pipeline at 3 locations i.e near Pradip refinery is 20° 15' 21.98"N, $86^{\circ}35$ 40.99" E, near Somnathpur Terminal is 21° 29' 38.44"N 86° 50 47.15" E and near Haldia Refinery is 22° 05' 12.19"N, 88° 06' 55.59"E.

The National institute of Oceanography (NIO), Goa carried out the CRZ study and prepared the maps in 1:4000 & 1:25000 scales superimposing the pipelines alignment which indicates that proposed pipeline covers the CRZ-III & CRZ-IV (A) & CRZ-IV (B) area and the study report reveals that the proposed pipeline route is not passing through any ecologically sensitive area such as marine parks, sanctuaries, mangroves, breeding & spawning ground of fish, wildlife habitat, bird nesting ground Olive Ridley turtles & heritage sites along.

The activity is Permissible under CRZ Notification, 2011 as per:

Para -3(i) (a)"those directly related to waterfront or directly needing foreshore facilities" Para -3(ii) (b) "facilities for receipt and storage of petroleum products and liquefied natural gas as specified in Annexure-II appended to this notification.."

Para 4-(ii) (d) "lying of pipelines, conveying systems, transmission line."

Para 8-(i) I (i) (b) "pipelines, conveying systems including transmission lines" Para 8-(i) II (iv), Para 8-(i) CRZ-III (A) (iii)(e) & Para 8-(i) -CRZ-III (B) (ii) "Facilities for receipt and storage of petroleum products and liquefied natural gas as specified in Annexure-II" of CRZ Notification, 2011

The project does not required Environmental Clearance as per Clause-6(a) of EIA Notification, 2006 but requires CRZ clearance from MoEF & CC, Govt. of India, under CRZ Notification, 2011 as per Para 4(ii) (d)." Laying of Pipeline, conveying system, transmission line: required clearance from MoEF & CC after being recommended the concerned CZMA namely and permissible under the said Notification"

OCZMA discussed the proposal and consider recommending the proposal to MoEF & CC, Govt. of India for grant of CRZ clearance as per the provisions of CRZ Notification, 2011. It was further advised that the project proponent shall take necessary steps to prevent any leakage of oil from the pipeline to the water body of the creeks & rivers.

6. Construction of pumping station near Hotel Sterling Resort for diversion of waste water flowing in storm water drain to Sea, Puri by Odisha Water Supply & Sewarage Board (OWSSB).

The Executive Engineer, PH Division, Puri , made a presentation for the proposal namely"Construction of pumping station near Hotel Sterling Resort for diversion of waste water flowing in storm water drain to Sea" for CRZ Clearance.

The Water Resource Department, Govt. of Odisha has constructed a storm water drainage system in the Puri area and now it is observed by the Dept. that waste water flowing in the storm water drain get discharged in to sea near Hotel Sterling Resort causing serious environmental degradation in Puri Town.

The proposed proposal was decided in the review meeting chaired by Chief Secretary, Odisha on 16.09.2017 that the waste water flowing in the storm water drain required to be treated before disposal to sea. H& UD Dept., GoO vide letter no. 23079 dt. 11.10.2017 and letter no. 8429 dt. 03.04.2018 accords the administrative approval and instructs the OWSSB to take up the work.

The existing storm water drain along the marine drive in front of Swargadwar terminated near Sterling Resort outside the Municipal boundary. It has a large catchment area. The average dry weather flow is assured at 1 MLD. Now the project proponent proposed to intercept the dry weather flow & divert it to a wet well with a pumping station and laying of pipeline of 3.5 km. The waste water from that wet well will be pumped through the proposed sewerage pipeline and will join to the existing sewerage pipeline in front of Hotel Sonali which will then flow to Bankimuhan Waste Water Treatment Plant by gravity through the existing drain. The proposed area of pump house is 20mx 20m with 4 m height.

The Tahasildar, Brahmagiri vide letter no. 2439 dt. 29.07.2019 allotted Ac 0.06 dec out of Ac 4.40 dec in plot no. 540 pertaing to khata no. 520 mouza Sipasarubili for the construction of Waste Water Pumping station. The Cost of the project is Rs. 2.17Cr. The CRZ Map indicated that the site is located in the CRZ-II area of Puri. The Geographical co-ordinates of the waste water pumping station is 19^o 47' 00.83"N 85^o 47' 07.73"E.

The activities proposed are permissible under CRZ Notification, 2011 as per: Para 3 (v) (b) "storm water drain and **ancillary structure for pumping**" Para 3 (v) (c) " treatment of waste and effluent rising from hotels, beach resorts and human settlements located in CRZ area other than CRZ-I and disposal of treated wastes and effluents"

Para 8(i)(II)(i) "buildings shall be permitted only on the landward side of the existing road or on the landward side of existing authorised structures.

The Authority discussed the proposal and agreed for construction of pumping station near Hotel Sterling resort and they are advised not to take the waste water to the Bankimuhan Waste Water Treatment Plant rather pump the waste water from the pumping station to the nearest 15 MLD Mangala ghat Waste Water Treatment Plant. The project proponent also agreed to the decision of the Authority.

OCZMA decided to grant CRZ clearance for implementation of the above project under CRZ Notification, 2011 subject to change of route and destination of wastewater from Bankimuhan to Mangala ghat and submission of EIA report.

7. Installation of temporary vending kiosks to regulate beach vendors and ancillary facilities to enhance aesthetic view as well as to ensure proper cleanliness of a stretch of beach at puri with an objective to ensure safety and hygiene of tourist by Divisional Forest Officer, Puri Wildlife Division.

The Chief General Manager, IDCO as consultant for this project made a presentation before the Authority for the project namely "Installation of temporary vending kiosks to regulate beach vendors and ancillary facilities to enhance aesthetic view as well as to ensure proper cleanliness of a stretch of beach at Puri with an objective to ensure safety and hygiene of tourist" for CRZ Clearance. The project proponent of this project is Divisional Forest Officer, Puri Wildlife Division, Puri.

Puri District Administration has a plan to rehabilitate the beach vendors to a permanent place and it is estimated that it will take at least 2 years. In the meantime, a transitional rehabilitation plan is prepared by the District Administration to provide well designed vending kiosks to all existing vendors on the beach for a period of around 2-3 years.

The objectives of the proposed project is to regulate beach vendors and ancillary facilities to enhance aesthetic view as well as to ensure proper cleanliness of a stretch of beach at puri and safety and hygiene of tourists by Installing the temporary vending kiosks.

The total length of the proposed temporary vending area will be Approximately 2.5 kms. the site selected is from Puri Hotel to Hotel Hans Coco Palm. As per design a total 38 numbers of clusters are proposed and will be installed in two stretches. There will be provision of 20m gap between two clusters for free access to beach for the tourist.

Stretch -A contain 15 cluster & 4 nos of control room kiosk. Each cluster contains 15 kiosk and two nos of washroom. The size of the cluster is 17.5mx 11.0m and size of each kiosk is 2mx 2m. Total length Stretch -A is 537m.

Stretch -B contain 23 cluster & 8 nos of control room kiosk. Each cluster contains 19 kiosk and two nos of washroom. The size of the cluster is 17.5mx 13.0m. Total length Stretch -B is 849m.

As reported by the project proponent the structure is designed with WPC (Wood Plastic Polymer Composite) Foam Board, having the Density of 550kg/m3, Thickness 25mm, WPC

column members of dimension (127 mmX63.5MM) and Density of 900 kg/m3 with base frame (Foundation), Roof frame of dimension of 102mmX63.5mm and density 9000 kg/m3). Canopy roof made of PVC coated Tensile Fabric materials of size 102mmx63.5mm, made of GI (Galvanised Iron) of square Structures to withstand the wind velocity of 130k.m/hr. WPC foam Board will be used for the floor and wall of the kiosk which will be water, termite/ Fire proof and made up of eco-friendly material. Kiosk will be lighted by most affordable solar lighting system. The total cost of the project is approx. Rs. 9.57 Cr.

For installation of the kiosk some excavation will be required only for foundation but no concrete will be used. Wood Plastic Polymer Composite (WPC) will be used below the ground level for foundation. For floor 25mm board made up of water, fire & termite proof material will be used. The wall of the kiosk is 25mm WPC Board.

The fresh water for the bathrooms will be sourced from Puri Municipal supply. The waste water from the washroom will be connected to the nearby drain. For the collection of solid waste, two nos. of Solid waste collection bins area proposed for each cluster.

The Geographical co-ordinates of the site is 19° 47' 19.6"N & 85° 48 21.21E & 19° 47' 39.24"N & 85° 49 25.22E. Superimposing the locations in the CRZ Map sheet no.25 indicates that the proposed activities are located in CRZ-II area of Puri and are located on the sea ward side of the existing road.

Since there is no permanent construction, it does not attract EIA Notification, 2006.

The Chief General Manager, IDCO informed that all the structures proposed in these projects are purely temporary in nature & no RCC construction is proposed and the structures can be removable within 48 hours.

OCZMA discussed the proposal and granted permission of the proposal in favour of Director, Tourism.

8. Development of Additional activities and Facilities in the pilot Blue Flag Beach at Puri by Divisional Forest Officer, Puri Wildlife Division, Puri.

Govt. of India in Ministry of Environment, Forest & Climate Change has decided to develop at least one beach into a Pilot Blue Flag Beach in each coastal State with a view to pursue international recognition through FEE certification, Denmark. ICZMP, SPMU for the State Government in the Forest & Environment Department, Govt. of Odisha selected a particular stretch of the Puri beach i.e. from Gandhi Park to May Fair hotel known as Golden Beach for the development of pilot Blue Flag Beach.

The project is being funded by the ICZM Project. For operation and monitoring of activities, a Beach Management Committee has been constituted by the Government in Forest & Environment Department vide Notification No. 6353 dated 28.3.2019. The DFO (WL) Puri is the Member Convener of the BMC.

Accordingly, the Project Director, ICZMP Odisha made a presentation for the project namely Development of Additional activities and Facilities in the pilot blue Pilot Blue Flag Beach at Puri for CRZ Clearance.

The Project Director, ICZMP informed that the pilot Blue Flag Beach at Puri was accorded CRZ Clearance from OCZMA vide letter No. 66/OCZMA Dt. 19.02.2019 for the Core activities like Toilet blocks, Container based Changing room with attached shower panel, Grey water treatment plant, Treated bamboo house work, Solar power plant, Drinking water facilities, Stainless Steel dustbins, Seating Bench, Waste management plant & composting units, Sit out umbrella, Recliner chairs, LED Street lights with pools, Pathways / jogging track, Outdoor fitness equipment's, Amphibious wheel chairs, Safety flags, CCTV

Cameras, Cleaning machinery, Watch Tower, Information Board, Beach map display panel, Five numbers Do's & Don't kiosks, Environmental Education & Safety Slogans board, site office made of prefab structures. The developmental process of Pilot Blue Flag Beach includes two types of activities i.e Core and Peripheral Activities.

After completion of the project, it would be handed over to the Beach Management Committee, Puri for operation and maintenance.

Now the DFO, Puri Wildlife Division, the Member convener of the Beach Management Committee has applied for development of Additional activities and Facilities in the pilot Blue Flag Beach at Puri for grant of CRZ Clearance. The additional activities proposed are given in the table:

Α.	Core activities
	Disabled friendly Unisex Bio Toilet block (6ftx 6ft).
Β.	Peripheral activities
	Parking Facilities with open surface drain
	Additional pathway cum jogging track about 3060 sq. m.
	Fencing/ Cordoning of the beach
	Sand sculpture and other Aesthetic enhancing measures (murals)
	Beach Access Pathway to Parking space from the Existing Road
	(215m. x 6 m.)
	Fresh water supply (Water Tank) along with pipelines/ connection
	Additional CCTV (2 PTZ Camera & 3 Fixed Camera) installed to cover the beach
	area

The above activities have been permitted to be undertaken for developing Blue Flag Beach as per the notification issued vide MoEF&CC Notification NO. S.O. 125(E) dated 09.01.2020.

The project location was superimposed on the CRZ map (Sheet No.25 in 1:25000 scale) and it indicated that all the proposed activities are located in the CRZ-II area of Puri and on the land ward side of the existing structures (demarcated in the CZMP Map sheet no.25). The total cost of the proposed project is approx. Rs. 2.75 Cr.

The proposed activity is permissible under:

Para 8(i) (II) (i) "buildings shall be permitted only on the landward side of the **existing road** or on the landward side of the existing authorised structures"

OCZMA discussed the proposal in the light of the MoEF & CC Notification No. S.O. 125(E) dated 09.01.2020 and grant CRZ clearance to the aforesaid projects under CRZ Notification, 2011.

9. Integrated Solid and Liquid Waste Management at 5 Tourist destinations along the coast of Puri District by ICZMP, Odisha

The Project Director of ICZMP, the project proponent of this project made a presentation for the proposal namely "Integrated Solid and Liquid Waste Management at 5 Tourist destinations along the coast of Puri District" for CRZ Clearance. The proposed integrated project has been designed to address the existing solid waste and liquid waste of Puri and to check marine pollution due to wastes generated from the entire Municipality area and to develop some Public utilility systems at Ramchandi, Chandrabhaga, Konark and Peer Jahaniyan. This apart, it will also address the problem of septage management in Konark.

Solid Waste

As per Survey Conducted by Municipality the present total waste generation is approximately 120 TPD. Out of 120 TPD, 72 TPD is Wet Waste & 48 TPD Dry Waste and only 20 TPD is being processed by existing Mechanical Aerobic Plant and the Inorganic components are just dumped at the site.

The proposed project has been designed for Collection, Segregation, transportation and regional approach for processing & scientific disposal in Integrated Municipal Solid Waste Management Facility in compliance with the MSW Rules, 2016 and Protection measures for solid waste entry into sea.

Proposed development has been designed for a total 100 TPD MSW processing facility, comprising of wet waste processing facility of 55 TPD and Dry waste of 45 TPD. For wet waste of 55 TPD, it is proposed to construct decentralized Micro Composting Center (MCC) of 5 TPD capacities each i.e total 11 different locations out of which 3 locations i.e. Talabania, Flourish India & kumuti Patana are located within coastal Regulation Zone area. In the MCC the bio-degradable waste will be converted to organic manure using the bio culture. The Compost generated will sale to Agriculture & Forest Department as decided by District Administration.

The components of MCC includes Waste receiving platform, Secondary Segregation arrangements (Conveyor) with shredder, Cubical tubs to keep shredded Bio Degradable Waste for conversion of organic manure, Screener and wheel barrow, Stabilization/ Maturation area, Manure packing and storage room /Go down, Napkin Incinerator, Rest Room Facility, Approach road Compound wall.

The Dry Waste Comprises Saleable & Non Saleable Materials. Out of 45 TPD, 30 TPD is Non Saleable & 15 TPD is Saleable. 15 TPD will be sold out to Identified Agencies. So it is proposed to construct 30 TPD decentralized processing unit (MRF) of 5 TPD each at 06 different locations, 3 locations come on coastal area i.e. Near Church Depo, Flourish India & Sanskrit University.

Puri Municipality has allotted 0.20 Ac of land for development of each MCC & MRF unit. The water requirement and electricity arrangement will be met from Puri municipality supply.

Liquid waste

The project proponent reported that at present there are two major Sewage Treatment Plants (STP) in Puri area, one is at Banki Muhan and another is at Mangalaghata. At Banki Muhan, 3 nos of storm water drains enter into the existing STP and the treated effluent flows into the sea through the sandy beach causing pollution to Seawater & beach. The water quality of the outlet of STP at Bankimuhan was monitored by SPCB, Odisha for the month of September, October, November and December, 2019 and the reported that the outlet water contains fecal coliform.

Thus the proposed project is designed for (i) upgradation of the existing Bankimuhan STPby putting more aerators and enhancing chlorine treatment so that it confirms to the prescribed standard and then release it to the sea at an appropriate distance preferably 2.0 to 2,5 kms. (ii) the disposal of the treated water to the deep sea from the beach shore considering the dilution factors and (iii) Septage treatment.

Toilet Blocks, RCC Dust bins & Solar light:

The proposed project is to Provide Toilet facilities with proper water supply and containment system, Installation of Solar Street Light & Installation of RCC Dustbins and signage at 3 different location i.e Ramachandi, Chandrabhaga & Peer Jahaniya of Puri district.

Ramachandi & Peer Jahania: The activities proposed are (i) Toilet facilities with proper water supply and containment system (ii) Installation of Solar Street Light 7 (iii) Installation of RCC Dustbins and signage

Chandrabhaga: The activities proposed are (i) Construction of vending kiosks, (ii) Installation of toilets with proper arrangement of water supply and sewage,(iii) Landscaping (Pathway, Fountains, Street lighting, Coloured lightings) & (iv) Parking space for the visitors.

Out of the proposed 5 sites, the integrated solid & liquid waste management units of Konark is located outside CRZ area, the integrated solid & liquid waste management units of Puri is located in CRZ-II area as per the location superimposed on the CRZ map no 25, Chandrabhaga & Ramchandi sites are located in CRZ-IA area as per the map no. 27 & Peer Jahaniya site is located in the CRZ-III area as per the map (1:25000 scales) prepared by ORSAC and sponsored by F & E, Govt. of Odisha.

As per CRZ Notification, 2011, the proposed activities are permissible under:

Para 3 (v) (a) "discharging treated effluents into the water course with approval under the water (Prevention and control of pollution) Act 1974 (6 of 1974).

Para 3 (v) (c) " treatment of waste and effluents arising from hotels, beach resorts and human settlements located in CRZ areas other than CRZ-I and disposal of treated waste and effluents".

Para 8(i) I (c) facilities that are essential for activities permissible under CRZ-I

Para 4-(ii) (d) "lying of pipelines, conveying systems, transmission line." Para 8-(i) I (i) (b) "pipelines, conveying systems including transmission lines"

Para 8 (i) I (ii) (b) "construction of dispensaries, schools, public rain shelter, community toilets, bridges, roads, jetty, erosion control measures, water supply, drainage, sewerage which are required for traditional inhabitants living within the biosphere reserves after obtaining approval from concerned CZMA"

Para 8 (i) III A (iii) (j) "construction of dispensaries, schools, public rain shelter, community toilets, bridges, roads, jetty, erosion control measures, water supply, drainage, sewerage, crematoria, cemeteries and electric sub-station which are required for traditional inhabitants living within the biosphere reserves after obtaining approval from concerned CZMA.

The liquid waste management at Puri involves laying of 2.0-2.5 km long pipeline inside Sea. As per CRZ Notification, 2011 under Para 4(ii) (d) Laying of Pipeline, conveying system and transmission line require clearance from MoEF & CC Govt. of India after being recommended the concerned CZMA namely and permissible under the said Notification.

OCZMA discussed the proposal and decided to grant Clearance to the proposals i.e Solid waste management at Puri, Toilet Blocks, RCC Dust bins & Solar light at Ramchandi, Chandrabhaga & Peer Jahaniya site under CRZ Notification, 2011 and recommend the Liquid waste management proposal of Puri to MoEF & CC, Govt. of India for grant of CRZ clearance as per the provisions of CRZ Notification, 2011.

10.Community Based Ecotourism and Waste Management at Dangamal in Bhitarkanika of Kendrapara District by ICZMP Odisha.

The Project Director, ICZMP Odisha made a presentation proposal namely "Community Based Ecotourism and Waste Management at Dangamal in Bhitarkanika of Kendrapara District for CRZ Clearance.

Dangamal in Bhitarkanika is already popular among tourists for its scenic view, biodiversity and ecology but the site has limited facilities for the tourist as well as researchers. The objective of the proposed project is to put some new facilities or improve upon the existing ecotourism facilities towards enhancing the livelihoods of the local community through infrastructure building and trainings.

Enhanced amenities for tourists will include - Stay, Recreational and Educational facilities and Diversified and enhanced livelihoods of the fisher and other communities will includes co-managing the eco stay, becoming eco guides and setting up of handicrafts and folk traditions, and eateries shops for tourists & researchers.

The proposed development includes- Construction of Interpretation Centre, gate to boating area with security cabin & public toilet, Construction of Kitchen and dining block with waste management system, Construction of three single cottages, Construction of reception area with waiting lounge, Guest house for Drivers & Ecotourism staff

Renovation of dormitory (Bani Bhawan) and converting into 2 guest houses, Renovation of the Cottages (Sundari Bhawan, Chittal Cottage), Sitting benches, Development of Parking area, Pathway lighting.

The area for the above Total Cost of the project is approx. 504.22 lakhs.

The GPS co-ordinated of the site is 20° 44' 33.0"N & 86° 52' 3"E, within the Kanika Wildlife Range. The project location superimposing in the CRZ Map sheet no. 46 (1:25000 scale) indicated that site is located in the CRZ-IA area as the area is within Bhitarkanika Sanctuary. The above activities are permissible as per CRZ Notification, 2011 under

Para 8(i) I (c) facilities that are essential for activities permissible under CRZ-I

OCZMA discussed the proposal and decided to grant CRZ clearance to the aforesaid projects under CRZ Notification, 2011. It was also decided to ask the concerned DFO to provide details tourist footfall at present & expected footfall after implementation of project and assess its impact on wildlife. He should also give an undertaking to take adequate steps so that the wildlife is not disturbed.

Name of the project & project proponent	Project location (GPS-Co- Ordinates)	Size of the project (in term s of area)	CRZ Status & map no.	Permissibl e provision under CRZ Notificatio n	Project cost and funding source	Brief description about the construction
Community Based Ecotourism and Waste Management at Dangamal in Bhitarkanika of Kendrapara District by ICZMP Odisha.	20° 44' 33.0"N & 86° 52' 3"E, within the Kanika Wildlife Range	11681 sq.m	CRZ-IA area as the area is within Bhitarkani ka Sanctuary CRZ Map sheet no. 46 (1:25000) scale	Para 8(i) I (c)	Rs 504.22 lakhs approx	 Reconstruction of Interpretation Centre, with 3 cottages, Kitchen and dining block with waste management system Reconstruction of reception area with waiting lounge Gate to boating area with security cabin & public toilet Guest house for Drivers & Ecotourism staff Renovation of dormitory (Bani Bhawan) and converting into 2 guest houses, Renovation of the Cottages (Sundari Bhawan, Chittal Cottage), Development of Parking area, Sitting benches, and Pathway lighting.

11.Community Based Ecotourism and Waste Management at Chandipur of Balasore District by ICZMP Odisha

The Project Director, ICZMP Odisha has submitted a proposal namely "Community Based Ecotourism and Waste Management at Chandipur of Balasore District for CRZ Clearance.

Chandipur is a major tourist destination of Balasore district. The beach is unique in that the water recedes up to 5 kilometers during the ebb tide. The unique circumstance of the beach makes Chandipur one of the most spectacular seashores despite of the site has limited facilities for the tourist. The proposed project is designed to put in new or improve upon the existing ecotourism facilities towards enhancing the livelihoods of the local community through infrastructure building and trainings.

Enhanced amenities for tourists will include - Stay, Recreational and Educational facilities and Diversified and enhanced livelihoods of the fisher and other communities will includes co-managing the eco stay, becoming eco guides and setting up of handicrafts and folk traditions, and eateries shops for tourists & researchers.

The proposed development includes- Pathway with nature trail, Entrance gate with security cabin, Parking, Restaurant with reception & waiting, Office & store, Renovation of the existing FRH, Staff quarters, Dormitory for staff & drivers, Reorganising of existing stone pitching of the sea side area, 4 nos of cottages, Watch tower, Sit out, Stepped sit out (2nos), Children's play area, Signages, Solar light, Land scaping & plantation, Extension & upgradation of existing jetty

The area for the above Total Cost of the project is approx. 504.22 lakhs.

The GPS co-ordinated of the site is 21° 27' 7.23"N & 87° 2' 25.04"E. The project location superimposing in the CRZ Map sheet no. 86 (1:25000 scale) indicated that site is located in the CRZ-II area of Chandipur in Balasore district.

The above activities are permissible as per CRZ Notification, 2011 under

Para 8(i) (II) (i) "buildings shall be permitted only on the landward side of the existing road or on the landward side of existing authorised structure.

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

Name of the project & project proponent	Project location (GPS-Co- Ordinates)	Size of the project (in term s of area)	CRZ Status & map no.	Permissibl e provision under CRZ Notificatio n	Project cost and funding source	Brief description about the construction
Community Based Ecotourism and Waste Management at Chandipur of Balasore District by ICZMP Odisha	21° 27' 7.23"N & 87° 2' 25.04"E,	51100 sq.m and the area is already in posses sion	CRZ-II area of Chandipu r CRZ Map sheet no. 86 (1:25000) scale	Para 8(i) (II)(i)	Rs.403.1 8 lakhs approx	 Pathway with nature trail, Entrance gate security cabin, Parking, Restaurant with reception & waiting, Office & store, Renovation of the existing FRH, Staff quarters, Dormitory for staff & drivers, Reorganisation of existing stone pitching of the sea side area , Construction of 4 nos of cottages, Watch

7		5		tower, Sit out, Stepped sit out (2nos),
				Children's play area,
			a 10 a dia	 Signages, Solar light, Land scaping & plantation,
				 Extension & upgradation of existing jetty

12. Reviewing of CRZ Map no. 46, sheet no. F 45 U 11/SE

The Chief General Manager, Numaligarh Refinery Limited reported that Govt. of India has approved the capacity expansion project of Numaligarh Refinery Limited from 3MMTPA to 9 MMTPA by importing crude oil via Paradip Port of Odisha. In order to facilitate storage of imported crude, NRL proposed to set up a crude oil terminal (COT) near paradip Port Area for which 200 acres of land was allotted by Paradip Port Trust within its port limit.

After superimposing the project site on the approved CZMP map, it was seen that few patches of land allotted by PPT are coming under CRZ-I (A) i.e. Salt marsh area as per CZMP approved CRZ Map. For ground truthing physical spot verification was carried out by the project proponent and found that there is no CRZ-IA attribute present in the proposed land

In view of the above, NRL requested the Authority vide Letter no. Nil dt. 12.08.2019 to consider for review the CRZ Map no. 46, sheet no. 45-U-11/SE pertaining to the Paradip port land where the proposed crude oil terminal (COT) facilities of NRL shall be installed.

Accordingly, a proposal was submitted to the Joint Director (CRZ), MoEF & CC for reviewing & rechecking of the CRZ Map of that particular area with the following observations:

- 1. The land identified for the proposed development is located within the port area of Paradip Port Trust which is a CRZ-II area.
- II. There is no indication of any CRZ-IA attributes in 1991 CZMP approved CRZ Map
- III. The SAC approved LULC map also does not give indication of any attributes of CRZ-IA
- IV. On verification drawn study data it is found that there is no mangrove and salt marsh present in that area
- V. Regarding the water channel, it needs monitoring in non-monsoon season to ascertain as to whether they are perennial or not.

In response to OCZMA's letter, MoEF & CC vide Letter No. F.No.12-2/2018-IA.III Dt.1/10/2019, site inspection was carried out by the scientists of NCSCM, Chennai, officials of F&E Dept. Govt. of Odisha and ORSAC Bhubaneswar on 19.12.2019. After site inspection, NCSCM vide letter no. NCSCM/NCZMA/20-0005 dt. 01.01.2020 requested the Authority to conduct the salinity study at 8 sites (as per their proforma given) through an NABL Accredited laboratory and forward the analysis report to NCSCM for reviewing the map.

Accordingly the two NABL Accredited laboratories i.e M/s Kalyani Laboratories Limited & M/s Centre for Envotech and management consultancy Pvt. Ltd. were requested to carry out the study vide authority letter no. 07/OCZMA Dt. 14.01.2020 and the analysis report of the laboratories were communicated to NCSCM vide letter no.14/OCZMA Dt. 27.01.2020.

Mr. M Dharma Raj, Sr, Scientific Consultant, NCSCM, Chennai submitted the draft revised map No 46 i.e Sheet No. F 45 U 11/SE for perusal/review as well as concurrence of the Authority.

Accordingly, the draft revised map prepared by NCSCM was communicated to ORSAC vide letter no. 69/OCZMA Dt. 19.05.2020 for their observations. The Chief Executive ORSAC has replied vide letter no. 1489 Dt.1.6.2020 that revision of the Map no.46 as prepared by NCSCM is in order and in consonance with the ground truthing made by the scientist of NCSCM, Chennai, ORSAC and officers of F&E Dept during the joint field visit.

The Authority acknowledged the fact that as per MoEF&CC's guidelines, an elaborate process has been followed for rectification of the map. Accordingly, OCZMA considered recommending the draft revised map to NCSCM for finalization of the map.

13. Preparation of Coastal Zone Management Plan (CZMP) based On CRZ Notification, 2019

The Member Secretary, OCZMA made a presentation on the draft CZMP prepared based on CRZ Notification, 2019.

Government of India in the Ministry of Environment, Forest and Climate Change (MoEF&CC) has issued a Notification No. G.S.R. 37(E), dated the 18th January, 2019 declaring certain coastal stretches of the country as Coastal Regulation Zone (CRZ) superseding the Notification No. S.O.19 (E), dated the 6th January, 2011.

As per para 6 of the CRZ Notification, 2019, the coastal State Governments and Union territory Administrations are entrusted with the responsibility of revision or updation of Coastal Zone Management Plans (CZMPs) of their respective state or UT, as per the provisions contained in the CRZ Notification, 2019. The Ministry has also issued guidelines for facilitating the state government/UT administrations in updation of the CZMPs.

The CZMP is to be updated or revised by any of the authorized 8 agencies identified by the MoEF & CC, using the demarcation of the High Tide Line, LTL, ESA, CVCA as carried out by NCSCM, Chennai and Hazard line as demarcated by the Survey of India.

The responsibility of preparation of CZMP maps for Odisha coast in 1:25,000 scale identifying and classifying the CRZ areas based on Notification No. G.S.R.37 (E), dated the 18th January, 2019 and these guidelines was entrusted to Odisha Space Applications Centre. They have undertaken the following jobs:

Base Data Arrangement

The base data such as HTL, LTL, ESA, Hazard line, Coastal LULC and CVCA were provided by the NCSCM, MoEF, GOI and these datasets are arranged in a Geo database for further analysis. Along with this the authorized CZMP-2011 maps are also provided for reference.

- The census village boundaries are geo referenced as per Census 2011 and population data of villages are also arranged in a data base and stored in digital/soft copy/xls format for delineation of CRZ-IIIA and CRZ-IIIB areas along the coast.
- Stakeholder data on Municipal maps, designated urban areas, and Infrastructure facilities such as roads, jetty, port, fish landing centers etc as depicted in CZMP-2011 maps are retained on the draft maps. Additional data on Multiple Cyclone Shelters (MCS) have been collected and super imposed in the draft CZMP-2019 maps.

Preparation of Coastal LULC Maps

The updation of Coastal land use has been prepared from the LISS-IV satellite image of 2018-19

Census Data processing

- The Census data of 2011 has been analyzed for computation of density of population in each village having population more than 2161 per km².
- After analysis it has been observed that no villages on the coast of Odisha (Sea front) has population more than 2161 per km². As such no CRZ-IIIA areas are found along the coast. Hence all the villages are marked as CRZ-IIIB.
- The cadastral data has been superimposed to the CZMP.

CRZ buffers

The buffer analysis has been carried out using Arc GIS tools by taking .shp file of CZMP-2011 as a base layer. It is updated as per the CRZ notification, 2019 which are as follows:

50m or width of	No development Zone (NDZ)/Buffers of tidally influenced water				
the creek,	bodies(water bodies influenced by tidal effects from sea in the bay,				
whichever is less	estuaries, rives, creeks, backwaters, lagoons, ponds that are				
	connected to the sea)				
200m	NDZ for CRZ-IIIB (Sea front)				
20m	NDZ for inland islands in the coastal backwaters and islands along the				
	mainland coast				

CRZ Classifications

- The updation of CRZ classifications such as CRZ-I, CRZ-II, CRZ-IIB, CRZ-IVA and CRZ-IVB have been carried out based on the LULC and map contents of CZMP-2011 and the guidelines of CRZ Notification-2019.
- The CRZ-III B areas have been delineated and shown on the draft maps.

Preparation of CZMP Maps

The draft CZMP maps (95 numbers) have been prepared following the Check-List provided for preparation of CZMP maps. The maps were submitted to the Forest & Env. Dept. Govt. of Odisha on 4th December, 2019 (Vide Letter No. 4035 Dated 04-12-2019) (Annexure-II).

Forest & Environment Department as required, has provided this Database of the CZMPs prepared and approved based on CRZ notification 2019 along with details of villagewise survey numbers pertaining to Government land, in the format (bearing Village name, Survey No./Part Survey No. etc.) for deciding/enabling ease in demarcation of buffers around mangrove areas, digitized geo-referenced Census village boundary maps in shape file format as per 2011 census base and the corresponding 2011 census (population) data of villages in digital/soft copy/xls format for demarcation of CRZ-IIIA & CRZ-IIIB areas, stakeholder data such as Municipal maps, Notifications for legally designated urban areas etc., for new CRZ-II areas, fishing Zones in the water bodies and fishing village boundaries, breeding and spawning grounds of fish and the like, for updating the CZMP, as applicable, Infrastructure facilities such as roads, jetty, port, fish landing centers, etc., existing authorized structures on the seaward side and features like cyclone shelters, rain shelters, helipads and other infrastructure including road network for the purpose of rescue and relief operations during cyclones, storms, tsunami and the like.

The draft updated CZMP was uploaded in the websites of the OCZMA and F&E Dept. for giving wide publicity soliciting suggestions and objections, which is part of Public Consultation process. A Public Notice was published in a widely circulated English as well as Odia newspaper with a request to go through the maps on the websites and send their feedback. All the Concerned State Government Departments were requested to furnish the perspectives of their Departments on the draft CZMP. Collectors of all coastal districts were provided with copies of the draft CZMP maps with a request to place it before the District Level Coastal Zone Monitoring Committee, for Public Hearing with a detailed discussion with the stakeholders, NGOs and individuals and to furnish their suggestions and comments, if any.

All responses received so far have been compiled and a summary of responses has been prepared and annexed herewith (Annexure 1). Relevant comments which comply with the requirements of CRZ Notification, 2019 have been incorporated in the maps.

In brief, the categorization of CRZ has been made in the following manner.

A. Existing & Proposed CRZ-I Areas

- 1. No change from the CZMP-2018
- 2. Mainly sand dunes and Olive Ridley Turtle nesting area in the Ganjam district
- 3. Nalabana Island in Chilika
- 4. Sand dune in Puri in the western side of the Mangala river
- 5. Puri Konark- Balukhand RF, Liakhia, Balighai, and Konark PF
- 6. Bhitarkanika wild life sanctuary and Olive Ridley Turtle in Gahirmatha
- 7. Some areas in Balasore district for Horse shoe crab

B. Existing & Proposed CRZ-II Areas

CRZ II areas as per 1991 notification	CRZ II areas as per 2011 notification	CRZ II areas as per 2019 notification.
Gopalpur	Gopalpur	Gopalpur
Rambha	Rambha	Rambha
Balugaon	Balugaon	Balugaon
Puri	Puri	Puri
Paradeep	Paradeep	Paradeep
	Chandipur	Chandipur
	Newly added Designated urban area with necessary infrastructure as per CRZ Notification,2011	Same as of 2011 CZMP.

C. Existing & Proposed CRZ-III Areas

1. Under CRZ Notification, 2011, in CRZ III areas first 200 metres from the HTL was No Development Zone and in the remaining 300 meters activities were permissible as per the above Notification ٠,

- 2. In CRZ Notification, 2019, it has been categorized based on population density if > 2161 per sq.km then it is CRZ IIIA and if < 2161 per sq.km. then CRZ IIIB
- 3. Since there is no place in Odisha having > 2161 per sq. km. all CRZ III areas as per CRZ Notification 2011, are under CRZ IIIB
- 4. Places other than CRZ I & CRZ II have been categorized as CRZ III B
- 5. In general, there is no change from the CZMP-2018

The Authority heard the matter and approved the draft CZMP for submission before the Technical Scrutiny Committee, NCSCM for recommendation to NCZMA.

D. Other Issues:

Clarification on inclusion of urban area Sipasurubili area under CRZ II area

Coastal Regulation Zone Notification, 2019 and the Guidelines for updation of the CZMP prepared on the basis of CRZ Notification, 2011 and approved by MoEF&CC in 2018 stipulated that stakeholder consultation is one of the major steps for updation/ preparation of CZMP-2019. Accordingly the District Collectors and Chairman of the District level Coastal Zone Monitoring Committees of all the 7 districts were requested to give wide publicity to the draft CZMPs inviting suggestions and objections in accordance with the Environment (Protection) Act, 1986 and to hold public hearing on the draft CZMPs at district level by the concerned DCMC.

Forest & Environment Department and the Odisha Coastal Zone Management Authority have received the proceedings of the DCZMC of all 7 districts. The issues relating to Puri district appears to be important for discussion by the Authority.

The Authority went through the Proceedings of the meeting of DCZMC, Puri held on 14.01.2020 at 4 p.m. and the recommendation of the Committee regarding CRZ categorization of Puri. It has been recommended that Sipasurubali area i.e. from western boundary of Puri Municipality to the Mangala river may be reclassified as CRZ III instead of CRZ-II, which was done in 1996.

In this connection, the objections and suggestions received are as follows:

- 1. From the Proceedings of the DCZMC, Puri, it is seen that submission of Puri Bar Association and NGO Prakruti, among other comments had exclusively dealt Sipasurubali area and their submission was that a portion of Puri CRZ-II area i.e from western boundary of Puri Municipality to Mangala River should be reclassified as CRZ-III (B) instead of CRZ-II as the area does not have facilities like water supply & sewerage mains till date and situated beyond Puri Municipality area and hence cannot be treated as designated urban area.
- 2. The NGO, Prakruti; Chairman Hotel Association of Puri and one Sri Prasanta Kumar Mishra and others, Puri bar Association had also submitted their written representation to the OCZMA with the same arguments.

3. President of Hotel & Restaurant Association of Odisha and President, Beach Protection Council of Odisha, who was also a member in the committee constituted by Government in 1996 for categorization of CRZ areas of Puri, represented that reclassification should not be allowed after so many years. The President, Beach Protection Council described the procedure followed for the categorization of the area in question under CRZ-II in pursuance of CZMP approval letter of MoEF, Gol vide letter dated 27.9.1996. Several approvals have been given by the OCZMA/MoEF considering this area as CRZ-II. Therefore, the classification cannot be changed since the final CRZ demarcation of this area has been completed 20 years back.

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- 4. The Chairman, HRAO, in anticipation of representation from a group of people to reclassify the above area from CRZ II to CRZ III, furnished several documents relevant to their arguments with a submission not to change the status of CRZ from CRZ II to CRZ III.
- 5. The Hotel & Restaurant Association of Odisha (HRAO) along with his companion met the Director, Environment-cum-Special Secretary to Govt. F&E Dept on 17.06.2020 at 5.00 p.m. in which Director, Tourism and his associates were also present. They submitted that they were not intimated regarding the venue and time of DCZMC meeting which was held on 14.01.2020.
- 6. After going through the objections, claims and suggestions of the stakeholders and verifying the arguments from official records, the following important points emerged.
 - a. MoEF, Gol had approved the CZMP of Orissa prepared on the basis of CRZ Notification, 1991 vide their letter No.J-17011/11/92/IA-III dated 27.09.1996. Regarding categorization of CRZ area of Puri, it was stated by the Ministry that a committee under the Chairmanship of the Chief Secretary with at least two NGOs as member would be constituted to identify and demarcate CRZ-II areas within the proposed CRZ-II areas. The Committee, so constituted, vide Notification No. 3430 dated 15.12.1999 had perused all relevant information, maps, land use pattern and had taken a decision that the CRZ portion of Puri urban area defined within the boundaries of Sri Jagannath Sanskrit University in the East and Mangala river on the West is to be categorized as CRZ-II.
 - b. So, the area continues to be in CRZ-II since that time. Several clearances/NOCs have been issued by the OCZMA in this area during last 20 years based on the classification of this area as CRZ-II. Any revision of the status of CRZ of the area from CRZ-II to CRZ-III will render the constructions taken up in the area as violations, thereby Government and the OCZMA will unnecessarily be dragged into several litigations.
 - c. Regarding the observation made by the DCZMC, these points were not brought to the notice of the committee.
 - d. The same arguments for conversion of Sipasurubuli area from CRZ-II to CRZ-III were received in 2018 while the CZMP-2018 was being prepared. This matter was presented in detail during the presentation in 2018 before Technical Scrutiny Committee at Chennai. Finally they recommended that the categorization made in approved CZMP 1996 should remain unaltered and the area between Sri Jagannath Sanskrit University and Mangala river as CRZ-II.

e. As regards clarification on inclusion of Sipasurubuli mouza under the PKDA jurisdiction, it was clarified that the above mouza came under the planning area of S.P.A. vide Notification No.3268/HUD, dt.21.02.68. Puri Konark Regional Improvement Trust was constituted in the year 1982. Subsequently, the Trust included 12 mouzas into their jurisdiction (10 inside Municipality + 2 outside Municipality area) vide Notification No. 1462 dated 3rd October 1983 after preparing a Development Plan of Puri Sea beach. Sipasurubali is one among the mouzas which is outside the Municipality area. In view of this Notification, Sipasurubuli area continues to be part of Puri town which is under the jurisdiction of erstwhile Puri Konark Regional Improvement Trust and presently Puri Konark Development Authority being a part Master Development Plan of Puri.

The same has been endorsed by the Collector, Puri vide his letter no. 2574 dt. 18.06.2020 with supporting documents confirming the status of the Sipasurubali area, as a part of the jurisdiction of PKDA.

After due deliberation, the Authority was convinced that there is no justification for reclassifying the area from CRZ II to CRZ III. Hence no action need be taken on the recommendation of the DCZMC so far as this matter is concerned. The decision taken by the Committee under the chairmanship of Chief Secretary in compliance to the CZMP approval letter of the then MoEF, GoI, in 2000 should not be changed. Hence, the CRZ portion of Puri urban area defined within the boundaries of Sri Jagannath Sanskrit University in the East and Mangala river on the West will continue as CRZ-II and recommendation to the NCSCM will be made accordingly.

The meeting ended with thanks to the chair and participants.

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Additional Chief Secretary, Forest & Environment Department & Chairman, OCZMA

34th meeting of the

Odisha Coastal Zone Management Authority

Venue: - ICZMP Conference Hall



Date: 19th June, 2020 Time: 11:30 AM

SI. No.	Member	Signature
1.	Addl. Chief Secretary to Govt. Forest & Environment Department Government of Odisha	CHAIRMAN
2.	Principal Secretary to Govt. Housing & Urban Development Dept. Government of Odisha H Y- VA Dapt	1816120
3.	Commissioner-cum-Secretary to Govt. Fisheries and Animal Resources Development Dept. Government of Odisha	S. Paul Level Holder, Iccf we
4.	Principal Chief Conservator of Forest (WL) and Chief Wildlife Warden, Odisha	S. Paul ball, Iccf w
5.	Chief Conservator of Forest / Sciencest B Regional Office of MoEF & CC, Bhubaneswar	MDRiddad scientiet B
6.	Dr. B.R. Subramanian Former Director, ICMAM, Chennai	0
7.	Director Environment-cum-Special Secretary to Govt., F&E Department and Member Secretary, OCZMA	ce anget.
8.	Member Secretary State Pollution Control Board, Odisha	4-1
9.	Chief Executive Chilika Development Authority	
10.	Project Director ICZM Project, Odisha	The second secon
11.	Chief Executive Odisha Space Application Centre	Phino P. KUMAR) Scintish
12.	Shri Mangaraj Panda Secretary, United Artists Association, Ganjam	
13.	Dr. R.N. Hota, Professor of Geology, Utkal University, Bhubaneswar	
14.	Head of Department of Marine Science, Berhampur University	

si. No.		Other Participants		Signature	
15 .	Dr. Debasish Roy	- (O) ICZNAD Odieba		apus	69101
16.	Ms. Sasmita Das Junior Scientist, OC	or (O), ICZMP, Odisha		an un	
17.	Junior Scientist, OCA		1		
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RESPONSES RECEIVED FROM (ALL SEVEN) DISTRICT COASTAL ZONE MANAGEMENT COMMITTEES IN RESPECT OF CZMP MAPS 2019 OF ODISHA

Dist	District Kendrapara - Stakeholder consultation held on 14.01.2020		
SI. No	Response	Compliances	
1	The present map does not indicate the details of private and government land covered under CRZ. The maps should be superimposed with the cadastral maps along with showing High Tide Line (HTL) and made available for use by public.	Government of India approves CZMP on the basis of CRZ maps prepared on 1:25000 scale. Accordingly, it has been prepared. Govt/private Land can only be reflected in Local level CZM maps, when prepared.	
2	Due to erosion of river banks due to tidal effect there is possibility of change of position of the bank and also change of position of HTL. Hence, there should be provision of revision of the maps from time to time based on field situation as per changed position of HTL.	State Govt may take steps to reflect the change in position of coast/HTL on the approved CRZ maps, whenever required, in consultation with NCSCM.	
3	Within 50 meters of HTL on river banks falling within the CRZ, a number of private plots both homestead and agriculture including culture fishing are existing. No regulatory provisions may be applied to the existing land use of private plots coming under CRZ and simplified procedure for obtaining clearance under CRZ Rules for the common public be made for any development works coming under regulatory purview of the Notification.	Aquaculture/culture of fish are regulated under Coastal Aquaculture Authority Act, 2005. Permissible developmental works/activities on any kind of land will require CRZ clearance.	
4	Many villages of Rajnagar and Rajkanika blocks without having presence of forests have been included in the Bhitarkanika sanctuary area. As per provisions of the Notification these villages are to be included in CRZ-I category though far away from sea coast. Rationalization of boundary of Bhitarkanika Wildlife Sanctuary is required before imposition of the provisions of the Notification.	As per the CRZ Notification, areas falling under sanctuary /Marine National Park/ Reserve Forests are categorized as CRZ-I A irrespective of their looseness to the coast.	

Dist	District Balasore - Stakeholder consultation held on 09.01.2020		
1	Demarcation of CRZ Zones all along the coast	After approval of CZMP, Local level CZM maps will be prepared and placed at appropriate places in the district level showing demarcation of CRZ areas	
2	Demarcation of Reserved Forests, Proposed Reserved Forests, Village Forests etc. in all along the Coastal Belt of Balasore District Chandipur RF, Kasaphal PRF, Chowmukh PRF, Hanskara PRF, Bichitrapur PRF, Krushnanagar PRF & Udayapur PRF	As per CRZ Notification, Reserve Forests (not PRF) have been categorized as CRZ IA. However, PRF can been shown on the maps.	
3	Regulation of Fishing activities by conducting joint patrolling by the official of Forest, Fisheries and Police in all along the coast of Balasore District	Not related to CZMP	
4	Solid waste disposal into the sea requires regulation by the State Pollution Control Board	Not related to CZMP	
5	Divisional Forest Officer, Balasore Wildlife Division, Balasore Informed about the proposed road connectivity from Dagara to Kalipada for Subarnarekha Port.	No specific comments can be given since location of the area is not known. On receipt of coordinates will be required to apply OCZMA for consideration of CRZ clearance.	
6	Divisional Forest Officer, Balasore Wildlife Division, Balasore Verification of land proposed for declaration of Industrial Estate under Baliapal Tahasil of Balasore district as per Coastal regulation Zone and to suggest necessary steps for CRZ Clearance if required.	No specific comments can be given since location of the area is not known. After receipt of coordinates and area of the proposed Industrial Estate they will be required to apply OCZMA for consideration of CRZ clearance.	

Dist	District Jagatsinghpur-Stakeholder consultation held on 14.01.2020		
1	In Paradeep area fisherman communities are having their dwelling houses on the sea shore within No Development Zone. A number of issues like new housing, betterment of livelihood etc. are there for those communities. Due consideration may be given for addressing these issues including their day to day activities including marine fishing and allied activities.		
2	Due to erosion of river banks due to tidal effect there is possibility of change of position of the bank and also change of position of HTL. Hence, there should be provision of revision of the maps from time to time based on field situation as per changed position of HTL.	State Govt may take steps to reflect the change in position of coast/HTL on the approved CRZ maps, whenever required, in consultation with NCSCM	
3	Some areas shown in the map as mangroves may be other forests / coastal casuarina plantations. Ground trothing required for correct classification of vegetation	NCSCM has demarcated ESA in the CZMP. So they will be informed accordingly at an appropriate time.	
4	CZMPs should be made simpler for better understanding and use by common people.	This will be simpler for the public after Local level CZM maps are prepared.	
5	Relaxation of provisions should be there for construction of cyclone shelters in case they are required to be made within CRZ / NDZ.	Siting of cyclone shelter is decided by technically competent authorities. Permission is given under para 7 (i) of CRZ Notification, 2019.	

Dist	District Ganjam- Stakeholder consultation held on 07.01.2020		
1	The non-official members and fisher folk present and expressed their concern relating to fishing regulations in the new CRZ notifications and creation of prawn gherries. The ADM and other members present advised the participants to sensitize all fisher folk not to violate the CRZ guidelines while taking up prawn culture gherries allowed by the Fisheries Department. The District fisheries Office also intimated the same to the fisher folk.	Prawn culture are regulated under Coastal Aquaculture Authority Act, 2005	
2	All officers present were requested to scrupulously follow the guidelines envisaged in the CRZ Notification, 2019 for creation and maintenance of infrastructure / resources along the coast. District Coastal Zone Management Committee have no objections on the draft CZMPs prepared by Forest & Environment Department, Government of Odisha under the new CRZ Notification, 2019 after wide publicity.		
3	No objection on the draft CZMPs, So recommended	No comments	

Dist	District Khordha- Stakeholder consultation held on 24.01.2020		
1	The traditional fisherman around the Chilika lagoon should be provided with sufficient input for development of fish cultivation followed by eco-tourism.	Not related to CZMP preparation	
2	At any cost, livelihood of the fisherman community should not be hampered.	The provision exists in CRZ Notification, 2019	
3	Dredging materials should be dumped at the periphery of high tide zone which will not reduce area of the Chilika Lake during summer	Dumping of dredged materials is regulated under CRZ Notification, 2019	
4	Outside mafias should not be allowed to continue their fish cultivation around the lagoon.	Not related to CZMP	
5	Steps should be taken not to allow waste effluents to Chilika lake by OTDC Ltd., Swosti Hotel and INS Chilika along with Balugaon NAC.	This is a regulatory activity of State Pollution Control Board not related to CZMP preparation. SPCB may be requested to look into the matter	
6	Mudflat should be dug out immediately to maintain water level depth inside Chilika by the CDA and to carry out sea mouth dredging work every year.	Not related to CZMP preparation.	
7	Nalagrass should be removed from Mangalajodi to Nairi on Chilika coast	Not related to CZMP preparation.	
8	Steps should be taken for removal of Hyacinth at Mangalajodi by the CDA for movement of the fishermen bost in a particular path which will attract more migratory bird to Mangalajodi to promote eco-tourism.	Not related to CZMP preparation.	
9	CDA to take steps for development of peripheral village around Chilika lagoon	Not related to CZMP preparation.	

Dist	District Bhadrak- Stakeholder consultation held on 07.02.2020				
1	Participating in the meeting, One officer of DPCL suggested for modification of buffer zone in the CZMP Map OD 70, Sheet No. F 45 U 13/SE near Kaoithakhola village.				
2	Modification of High Tide Line in the CZMP Map Sheet No. 75 near Basudevpur, Karanpalli, Baicha village	HTL as per CRZ Notification has been drawn in the approved CZMP map by NCSCM			
3	One Shri Bimana Charan Giri suggested for plantation of entire 500 mtrs CRZ area from sea shore.	Not related to CZMP preparation			
4	One Shri Ashok Kumar Jena suggested for demarcation of 50 mtr line for No Development Zone.	For coast, the CRZ area extends upto 500 metres from HTL and for creeks, it extend upto 50metres. For CRZ III-B areas, No Development Zone is upto 200 metres from HTL in case of coast and 50 metres in case of creeks			
5	Doubt regarding demarcation of Gahirmatha marine sanctuary	NCSCM has demarcated ESA in the CZMP. However, it may be verified.			

Dist	rict Puri- Stakeholder consultation held on 14.	01.2020
1	 The DCZM Committee, Puri forwarded the suggestions of the participants in the following manner: Sipasarubali is a rural area and under the process of Consolidation. Hence the classification of the area/land and grant of permit to any person to undertake any developmental activity within CRZ especially within 500 mtrs of HTL must not be allowed. In the map sheet no. E45B13SW the limit of CRZ-II has been shown extended beyond the limit of Puri Municipality up to Mangala River mouth. CRZ-II should be limited along the coast within the Puri Municipality limit. 	 Area upto 500 mtrs from HTL is a sandy area without any agricultural land. The order of consolidation was not given effect since more than 3 decades. Nothing has been extended today. The CRZ area up to Mangala river is categorized as CRZ II as per approved CZMP 1996 and consequent upon finalization by Chief Secretary Committee report in 2000.
2.	Odisha Traditional Fish Worker's Union submitted that due attention should be made to protect the livelihood of traditional fisherman of the District inhabiting on coastline while implementing any project under the purview of CRZ guidelines.	One of the objectives of CRZ Notification, 2019 is to address livelihood security to the fisher communities and other local communities.
3	The Secretary, Puri Konark Development Authority, Puri suggested that beyond Mangala River towards Harchandi a portion where Samuka Beach Project is proposed to be developed be placed in CRZ-III instead of CRZ-IA keep the decision of CZMP Map of 1998 intact. Chandrabhaga beach and Konark NAC limit be placed in CRZ-III instead of CRZ-IA.	These areas have been taken up under Ecologically Sensitive Areas (ESA) as defined by Gol. Accordingly, maps have been prepared.
4	The Member Secretary NGO, PRAKRUTI suggested that Sipasarubali area from western boundary of Puri Municipality to the Mangala River should be marked as CRZ-IIIB instead of CRZ-II	the CZMP approved by MoEF& CC on 27.09.1996 based on CRZ Notification, 1991.
	The existing authorized developments as per the CRZ Notification,2019 on the seaward side should be clearly demarcated in the draft CZMP Map	Authorized structures especially private buildings with small dimensions may not be visible in the existing mapping scale. However, Existing authorised structures on the seaward side and

	features like cyclone shelters, rain shelters, helipads, light house and other infrastructure including road network for the purpose of rescue and relief operations during cyclones, storms, tsunami and the like.			
Land use plan of the area must be clearly depicted in the map.	Scrutiny Committee. After the approval of the			
The cadastral revenue map should be properly incorporated on the final CZMP map so that existing road available should not be waived out from the final CZMP Map.	scale map, State prepare			
Clarification sought for by Director, Environment-cum-Special Secretary to Govt., Forest & Environment letter No 14/DESS dated 18.06.2020				

Following references were invited by the Director, Environment-cum-Special Secretary, Forest & Environment Dept. and to furnish clarification as to whether these matters were considered.

- 1. MoEF, Gol had approved the CZMP of Orissa prepared on the basis of CRZ Notification, 1991 vide their letter No.J-17011/11/92/IA-III dated 27.09.1996. Regarding categorization of Puri, it was stated by the Ministry that a committee under the Chairmanship of the Chief Secretary with at least two NGOs as member would be constituted to identify and demarcate CRZ-II areas within the proposed CRZ-II areas. The Committee, so constituted, vide Notification No. 3430 dated 15.12.1999 had perused all relevant information, maps, land use pattern and had taken a decision that the CRZ portion of Puri urban area defined within the boundaries of Sri Jagannath Sanskrit University in the East and Mangala river on the West is to be categorized as CRZ-II.
- 2. So, the area continues to be in CRZ-II since that time. Several clearances/NOCs have been issued by the OCZMA in this area during last 20 years based on the classification of this area as CRZ-II.
- 3. Any revision of the status of CRZ of the area from CRZ-II to CRZ-III will render the constructions taken up in the area as violations, thereby Government and the OCZMA will unnecessarily be dragged into several litigations.
- 4. As regards clarification on inclusion of Sipasurubuli mouza under the PKDA jurisdiction, it may be clarified that the above mouza came under the planning area of S.P.A. vide Notification No.3268/HUD, dt.21.02.68. Puri Konark Regional Improvement Trust was constituted in the year 1982.

Subsequently, the Trust included 12 mouzas into their jurisdiction (10 inside Municipality + 2 outside Municipality area) vide Notification No. 1462 dated 3rd October 1983 after preparing a Development Plan of Puri Sea beach. Sipasurubali is one among the mouzas which is outside the Municipality area. In view of this Notification, Sipasurubuli mouza continues to be part of Puri town which is under the jurisdiction of erstwhile Puri Konark Regional Improvement Trust and presently Puri Konark Development Authority being a part Master Development Plan of Puri.

Clarification given by Collector & DM Puri vide letter no. 2574 dt 18.6.2020

In connection with the Stakeholder consultation held on 14.01.2020, the Collector DM, Puri clarified i.e the mouza Sipasarubuli and 15 other villages come under the development area of Special Planning Authority of Puri as per Town Planning & Improvement Trust Act 1956 vide Urban Development Department Notification 3268/UD Dt.21.02.1968. The then S.P.A was subsequently designated as PKRIT & presently PKDA. Hence the status of Sipasarubuli area comes under the ambit of PKDA.

Decision of the Odisha Coastal Zone Management Authority in its 34th meeting held on 19.06.2020

After due deliberation, the Authority was convinced that there is no justification for reclassifying the area from CRZ II to CRZ III. Hence no action need be taken on the recommendation of the DCZMC so far as this matter is concerned. The decision taken by the Committee under the chairmanship of Chief Secretary in compliance to the CZMP approval letter of the then MoEF, GoI, in 2000 should not be changed. Hence, the CRZ portion of Puri urban area defined within the boundaries of Sri Jagannath Sanskrit University in the East and Mangala river on the West will continue as CRZ-II and recommendation to the NCSCM will be made accordingly.

RESPONSES / COMMENTS AND VIEWS RECEIVED FROM THE STAKEHOLDER DEPARTMENTS IN RESPECT OF CZMP MAPS 2019 OF ODISHA

SI.	Name and Address	Letter No. & Date	Comments/Views	Remarks		
No.	of the Stakeholder					
	DEPARTMENT OF TOURISM & CULTURE (TOURISM)					
1	Commissioner-cum- Secretary to Govt., Department of Tourism	Letter No. 11683 dated 21.12.2019	 The details of existing infrastructure of Tourism Dept.in the coastal region of Odisha Identification of Tourism Center in Odisha Proposed tourism projects in coastal region of Odisha. Existing/on-going infrastructure projects in the coastal region of Odisha List of projects under various central scheme like SWADESH Darshan, PRASAD Scheme. List of jetty projects 	The details of these infrastructures may be shown in Local level CZM maps.		
2	Director and Addl. Secretary to Govt., Dept. of Tourism, Govt. of Odisha	Letter No. 0022 Dt.01.07.2020	Change of CRZ-IA classification in respect of the land of Lotus Resort, Plot No. 1(P), ½ 1/5, Khata No. 02 (Rakhita) Mouza Sahukhanta, Gop Tehsil, Kisam Bagayat & Bagayat-III, Dist-Puri.	Sanctuary Areas have been demarcated as Ecologically Sensitive Areas by NCSCM which is authorized agency of MoEF&CC.		
3	Commissioner-cum- Secretary, Dept. of Tourism	Letter No. 5460 Dt. 13.07.2020	Change of CRZ-IA classification of land between Talsari to Udayapur in the district of Balasore.	May be placed before NCSCM		
		HOUSIN	IG AND URBAN DEVELOPMENT DEPARTMENT			
4	Joint Secretary to Govt., Housing & Urban Development Department	Letter No. 24213/HUD- ELE-88/2019 Dt. 27.12.2019	 List and date of notification of Urban areas in the CRZ Area. 1. Gopalpur NAC- Notification dt.20.03.1961 2. Puri Municipality -01.01.1865 3. Konark NAC-19.12.1983 4. Paradip Municipality-27.09.1979 declared as NAC and 12.12.2002 as Municipality 5. Chandbali NAC-03.04.2012 	Except Konark and Chandbali NAC, all other areas have been included under CRZ II areas. On receipt of the coordinates, a proposal will be submitted before NCSCM for consideration.		

		СОМ	MERCE & TRANSPORT(C) DEPARTMENT	
5	Addl. Secretary to Govt., Commerce & Transport (Commerce) Dept.	-		The locations of the ports will be shown.
			PARADIP PORT TRUST	
6	Chief Engineer Paradip Port Trust	CE/ENV.CELL/54/19/101 Dt. 20.12.2019	Rectification of CRZ-IA categories in the CRZ Map sheet no. F45 U11/SE & OD-46 (marked as A, B, C, D, E, F, G, H, I, J and K) since neither the patch of land is a part of ESA nor having any geomorphological features for categorizing CRZ IA > hence may be corrected	out by NCSCM. Regarding E, F, G, A proposal, the process is continuing for correction. Proposal for
		puri ko	DNARK DEVELOPMENT AUTHORITY (PKDA)	
7	Secretary, PKDA, Puri	Letter no. 709/PKDA Dt. 24.12.2019	 The part of revenue village Sipasarubali i.e. beyond the Mangala river towards Harachandi temple has been classified as CRZ-IA. But, the said area was earmarked as CRZ-III as per earlier Coastal Zone Management Plan. Odisha Tourism Development Corporation, Government of Odisha has proposed to develop "Shamuka Beach Project" in a portion of these areas adjoining to the Mangala creek. To facilitate the development of the above project, the said areas may be retained as CRZ-III. The Chandrabhaga Beach earmarked as CRZ-IA, may be classified as CRZ-III in order to facilitate the development of tourist amenities as per the norms of CRZ Notification, 2019. The CRZ-IA may be earmarked within the stipulated 500 mtrs from the High Tide Line of the sea and not beyond stipulated 500 	 Scientists of NCSCM conducted a survey of this area and found huge ecologically active sand dunes in the area beyond Mangala river in front of Shamuka project. Accordingly, it has been reflected as CRZ-I in the previous CZMP map prepared on the basis of CRZ Notification, 2011. This was finally approved in August, 2018. The present CZMP is an updation of CZMP 2011 in which the additional features of CRZ Notification, 2019 have been incorporated. This matter will be placed before NCSCM.

			mtrs High Tide Line. The Konark NAC area has been earmarked as CRZ-IA which may be exonerated from CRZ-IA classification.	Sanctuary Areas have been demarcated as Ecologically Sensitive Areas by NCSCM which is authorized agency of MoEF&CC A part of the NAC area of Konark NAC mainly Chandrabhaga comes within the demarcated ESA. However, it will be placed before NCSCM
		Odish	na Police, State Headquarters, Cuttack	
8	A.I.G of Police, Marine and Coastal Security, Odisha, Cuttack	Letter no. 38/CS Dt. 22.01.2020	Under Coastal Security Scheme PH-III a proposal has been submitted to MHA for establishment of two more marine PSs in Odisha i.e. Panchubisa in Balasore district and Naba in Puri district and construction of three new jetties exclusively for Marine Police at Sipasarubali (Puri), Maluda (Khordha) and Bhusandeshaswar in Balasore district. However, MHA has not yet approved the above proposal. If the above proposals will be approved by MHA, New Delhi, then necessary Latitude and Longitude of above land will be intimated to the Forest & Environment Department at an early date for consideration in map finalization process.	No specific comments can be given since location of the area is not known. After they receive approval from MHA, they will be required to apply OCZMA for consideration of CRZ clearance.

RESPONSES / COMMENTS AND VIEWS RECEIVED FROM THE INDIVIDUALS/NGOS IN RESPECT OF CZMP MAPS OF ODISHA

SI. No.	Name and Address of the Stakeholder	Letter No. & Date	Comments/Views	Remarks
			DISTRICT - PURI	
01	Sri Durga Prasad Rath, Member Secretary, NGO Prakriti, Siddhamahavir Sahi, Atakala Lane, Puri	35 dated 27.12.2019	District - PokiThe area from western boundary of Puri Municipality to Mangala River should be treated as CRZ-III as there does not exist facilities like water supply & sewerage mains till date which is mandatory to declare the area as existing Igeally designated urban areas of CRZ II as per the letter and spirit of CRZ Notification 2019.Existingauthorized developments as per CRZ Notification 2019 on the Seaward side should be demarcated in the draft CZMP.Afterthe physical verification, conducted in the cRZ area of Puri, all the reports should be	 CRZ area along the sea-shore from western boundary of Municipality to Mangala River was categorized as CRZ II in the CZMP approved by MoEF& CC on 27.09.1996 based on CRZ Notification, 1991 and proceedings of the meeting of the committee for demarcation of CRZ-II areas. This area comes within the purview of Puri Konark Development Authority (PKDA) under Housing and Urban Development Department. So, this designated urban area is treated as developed because nearly 150 hotels are located in this area (on the land ward side of the road). Majority of hotels have their own STP and those who don't have STP have their own septic tank and soak pits. Some of them are discharging the overflow of their soak pits to a nearby drain after complying with the prescribed limits stipulated by State Pollution Control Board. Authorized structures with small dimension may not be visible in the existing mapping scale. Draft maps have been prepared on 1:25000 scale following the guidelines given by MoEF&CC. The CZMP prepared on the basis of CRZ Notification, 2011

			published and on the basis of that physical verification, the CRZ category/classification of CRZ should be declared and authorised developments available in the sea ward side of the sea should be demarcated in the CZMP map.	been amended except the stipulation of reduction CRZ area along Mangala river.
02	Sri Bibhuti Sundar Tripathy Secretary, Puri Bar Association	Dated 03.01.2020	The area from western boundary of Puri Municipality to Mangala River should be treated as CRZ-III(B) instead of CRZ-II as there does not exist facilities like water supply & sewerage mains till date which is mandatory to declare the area as existing Igeally designated urban areas of CRZ II as per the letter and spirit of CRZ Notification 2019.	CRZ area along the sea-shore from western boundary of Municipality to Mangala River was categorized as CRZ II in the CZMP approved by MoEF& CC on 27.09.1996 based on CRZ Notification, 1991. This area comes within the purview of Puri Konark Development Authority (PKDA) under Housing and Urban Development Department. So, this designated urban area is treated as developed because nearly 150 hotels are located in this area (on the land ward side of the road). Majority of hotels have their own STP and those who don't have STP have their own septic tank and soak pits. Some of them are discharging the overflow of their soak pits to a nearby drain after complying with the prescribed limits stipulated by State Pollution Control Board.

	the CRZ area of Puri, all the reports should be published and on the basis	MoEF&CC. The CZMP prepared on the basis of CRZ Notification, 2011 was approved in August, 2018. The features in the map of Puri have not been amended except the stipulation of reduction CRZ area along Mangala river.
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3 Sri J.K. Mohanty, Chairman, Hotel & Restaurant Association of Odisha & IATO Eastern Region,	Dated 27.12.2019	MoEF&CC has recently approved CZMP 2018 as per CRZ Notification, 2011. In the said Plan the area defined within the boundaries of Sri jagannath	No comments
Member Odisha Ecotourism Board		Sanskrit University in the east and mangala river in the west has been categorized as CRZ-II The same provision was there in CZMP 1996 as per CRZ Notification 1991 Since then several developments have come up with the approval of MoEF&CC and OCZMA. Any attempt to change this categorization from CRZ II to CRZ-III will make all structures illegal and thereby invite several litigations.	More than 150 hotels have come up in the area with the approval of MoEF&CC and OCZMA

4	Sri Jagannath Bastia, President, Beach Protection Council of Odisha, Puri	Letter no.Nil dt. 25.12.2019	CZMP-1996 was approved by MoEF vide letter No J- 17011/11/92-IA-III dated 27.09.1996 with a condition to set up a committee under Chief Secretary with at least two NGOs to identify and demarcate CRZ II area within proposed CRZ-II areas of Puri. As per the report the CRZ portion of Puri urban area defined within the boundaries of Si Jagannath Sanskrit University in the East and mangala river on the west is to be categorized as CRZ-II Since then MoEF&CC and OCZMA have approved several structures in this area at par with other CRZ- II areas of Puri If the categorization from CRZ II to CRZIII is changed it will render all buildings illegal and thereby people will be put to lot of difficulty and will have to take the shelter of law.	No Comments A committee was constituted by the State Government vide Notification No. 3430 dated 15.12.1999. Proceedings of the meeting of the committee dated April 25, 2000 specifies the categorization of CRZ portion of Puri urban area defined within the boundaries of Si Jagannath Sanskrit University in the East and Mangala river on the west as CRZ-II No comments No comments
05	Sri Bibhuti Sundar Tripathy Secretary, Puri Bar Association	Dated 11.05.2020	The area from western boundary of Puri Municipality to Mangala River should be treated as CRZ-III(B) instead of CRZ-II	

as there does not exist facilities like water supply & sewerage mains till date which is mandatory to declare the area as existing lgeally designated urban areas of CRZ II as per the letter and spirit of CRZ Notification 2019.	
Existingauthorized developments as per CRZ Notification 2019 on the Seaward side should be demarcated in the draft CZMP.Afterthe physical verification, conducted in the CRZ area of Puri, all the reports should be published and on the basis of that physical verification, the CRZ category/classification of CRZ should be declared and authorised developments available in the sea ward side of the sea should be demarcated in the CZMP map.	