

11th meeting

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**Proceeding of the meeting of the Orissa State Coastal Zone
Management Authority held on 17th September, 2009 at 3.00 P.M.**

The meeting of the Orissa State Coastal Zone Management Authority was held on 17th September, 2009 at 3.00 PM in the NSAP Committee Hall of Women and Child Development Department under the Chairmanship of Shri U.N. Behera, IAS, Commissioner-cum-Secretary to Government, Forest & Environment Department. The list of the Members present in the meeting is as per the Annexure-I.

Shti Bhagirathi Behera, IFS, Director, Environment-cum-Special Secretary, Forest and Environment Department and Member Convenor of the Authority welcomed the Members and explained the objectives of the meeting. Then Commissioner-cum-Secretary invited the project proponents to deliver the presentations.

1. Development of an all weather Direct Berthing Port at Arjipalli, Gopalpur, Dist.Ganjam

Gopalpur Port Ltd. has proposed for development of an all weather Direct Berthing Port at Arjipalli, Dist. Ganjam at an estimate cost of Rs.1120.3 crores from equity and debt from market to provide port facilities for handling import/ export of cargo commodities. The extent of land required for the project is 393.67 Ac. This area comes in the map No. CZMP 74A/15/SE Sheet No.6. The proposed project site comes within both CRZ-II & CRZ-III category.

The proposal was placed before the Authority for consideration in their last meeting dated 3.10.08 and 4.3.09. The project proponent presented the compliance on littoral drifts and season-wise dispersal pattern of dredged soils using the latest data. As per the prediction by DHI which was validated by IIT, Chennai, there will be maximum accretion of 140m on the south of south break water and 20m erosion on the north of north break water. The project proponent further submitted that to counter act such erosion 7 nos. of

groynes prefilled with 5 million cum of Capital dredge material shall be built over a length of 2 km. The groynes shall be of varying length of 215 m to 45m. The net erosion shall be 20m to 30m after 25 years. It was further submitted by the project proponent that the accretion on the southern side shall be limited to 110m to 120m by constant maintenance of sand trap dredging over a period of 25 years. IIT, Chennai had concluded that future port constructional activities will not affect more than 3 km on either side of the port. A Committee of OSCZMA visited the project site on 11.5.09 for looking into various aspects of construction of the project and alternate livelihood options available to the local fishermen communities. The recommendation of the Committee was discussed in detail. The project proponent have already obtained permission from Central Ground Water Authority for drawal of 500 cum of ground water. The project proponent stated that they have obtained permission from State Government for drawal of surface water from Kharinala for drinking purpose. Project proponent submitted that the port activity would not affect the existing fishing jetty at Arjipalli village.

Further, as decided in the previous meeting of the Authority on 4.3.09, a team of experts consisting of representatives from Wildlife Institute of India, PCCF, (Wildlife), Orissa, Ministry of Environment and Forests, Government of India and Forest & Environment Depart of State Government visited the proposed Gopalpur port area as well as Olive Ridley Turtles breeding area and nesting sites near the Rushikulya rookery on 11.9.09. The site inspection report was submitted to the Authority with the following suggestions :

- 1) Erosion and accretion be studied with respect to current pattern from last groyne of the proposed port up to Rushikulya river mouth.
- 2) Kind of illumination to be adopted in order to minimize the impact on the behaviour, movement and dispersal of turtles.

- 3) Kind of turtle deflectors to be used on the dredge head.
- 4) Kind of monitoring protocol
- 5) Steps for the least disturbances during November to May.
- 6) Study on ecological aspect of benthic flora and fauna due to operation of vessel traffic.

The above issues were discussed in detail by the Members of the Authority. In response, the project proponent explained that there shall be no effect felt beyond 2000m: The observation of DHI as presented by the project proponent is in agreement with real time observation by ICMAM-PD supported by the Marine Science Department of Berhampur University. The project proponent further submitted that the observation by ICMAM-PD for Ennore port under the similar wave climate and coast line configuration reviews beach loss of 25m per year at 1.5km north. It was further submitted that the Pulikat lake mouth situated 17km north of Ennore port remains unaffected. IIT, Chennai has confirmed that the shore line evolution due to existing and proposed lay out shall be stable. Regarding illumination for port, the project proponent submitted that guidelines provided by the International Union for Conservation of Nature (IUCN) shall be followed. They also accepted the recommendation for installation of diffused illumination in the port area in order to have minimum impact on the off shore turtle movement. The project proponent also indicated that they will take steps such as putting condition in dredge contract for turtle deflector on dredge head.

It was stated by the project proponent that the port will have environment monitoring cell of its own and will outsource the monitoring work from experienced firms/ educational institutions. Regarding banning of fishing trawler, the proponent indicated that the port has no provision for operation of fishing trawlers and the same is contrary to ISPS code. However, the port shall sensitize the local fishermen not to venture into the

sea during November to May. On the issue of effect of vessel traffic on feeding of turtles, the proponent submitted that the incoming and out going vessels shall follow a demarcated path to the port 200m width up to 18.5m on contour. No effect on ship movement shall be felt beyond 21m depth (2 to 3 km from the shore). Regeneration of biomass shall occur immediately after dredging which is one time activity and annual maintenance will be done near the shore.

It was decided that the project proponent shall take up monitoring of coastal meteorology and wave characteristics on a long term basis.

The project proponent submitted that the proposed activity will cover an area up to 1.2 km north and 4.2 km south of the existing port and 600 m towards landward side and 20 m ^{depth} towards water inside the sea.

After detailed deliberation, it was decided to recommend the proposed project to Government of India for according Environmental Clearance under CRZ Notification, 1991.

2. Proposal of Indian Farmers Fertilizer Cooperative Ltd. for Railway siding

Indian Farmers Fertilizer Ltd. has proposed for construction of a Railway siding on the bank of the creek adjacent to the Plant boundary. The construction of the Railway siding requires 39.00 Acres of land at a project cost of Rs.42.43 crores. The project area comes under the CRZ-I category as per the approved CZMP map of the State.

As decided in the last meeting, the project proponent has submitted complete project proposal with bridge and railway siding. Now, the total cost of the project is Rs.67.43 crores. A Committee of OSCZMA has visited the project site on 5th and 6th August, 2009 and their observation was discussed in the meeting in detail. It was decided that the project proponent should furnish (i) ROR of the proposed site with classification of land from Revenue Authority (ii) permission from Water Resources Department for construction of bridge over creek. Since the construction of bridge,

approach road and railway siding for storage of non-hazardous cargo such as fertilizers etc. are permissible activities, it was decided that after submission of the above requisite information by the project proponent, the proposal will be recommended to Government of India for according necessary Environmental Clearance.

3. CRZ violations

The Authority noted the action taken by the Environment Department.

4. Website of OSCZMA

Noted.

5. Purchase of LCD projector with computer

The Authority approved the proposal for purchase of a LCD projector with computer from the available funds of OSCZMA.

6. Status of road from Hotel Hans Cocopalm to Hotel Sterling Resort, Puri.

The issue was discussed in detail. It was decided to entrust Orissa Remote Sensing Application Centre to verify the status of the road prior to 1991 and furnish its report early.

7. Construction of fishing harbour at Chandipur

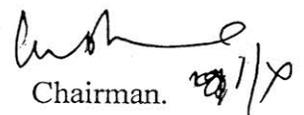
Principal Chief Conservator of Forests (Wildlife) and Chief Wildlife Warden, Orissa may visit the site and submit report on horse shoe crab habitat early.

8. Honorarium

It was decided to provide a sitting fee @ Rs.1000/- each to non-official members of the Authority.

The meeting ended with vote of thanks to the Chair.

Approved.


Chairman.