

103rd MEETING

TAMIL NADU STATE COASTAL ZONE MANAGEMENT AUTHORITY

Date: 03.01.2019

Time: 11.00 A.M.

Venue:

Conference Hall, 2nd floor,
Namakkal Kavinger Maligai,
Secretariat, Chennai - 600 009

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THE TAMIL NADU STATE COASTAL ZONE MANAGEMENT AUTHORITY -

103rd MEETING

Date: 03.01.2019

Time: 11.00 A.M.

Venue:

**Conference Hall, 2nd floor,
Namakkal Kavinger Maligai,
Secretariat, Chennai - 600 009**

AGENDA ITEM NO.01: Confirmation of the minutes of the 102nd meeting of the Tamil Nadu State Coastal Zone Management Authority held on 27.09.2018.

The 102nd meeting of the Tamil Nadu State Coastal Zone Management Authority was held on 27.09.2018 and the minutes were communicated in letter No. P1/2200/2018 dated 08.10.2018 (copy enclosed) of Director of Environment. It may be confirmed.

2) Further the TNSCZMA have, through the Circulation Agenda dated 05.12.2018 resolved to recommend the proposed "Chennai Andaman Nicobar Island (CANI) Submarine Cable System landing at Santhome Beach, Chennai" proposed by M/s. Universal Service Obligation Fund, Department of Telecommunication. The same may be confirmed.

**MINUTES OF THE 102nd MEETING OF THE TAMIL NADU STATE COASTAL ZONE
MANAGEMENT AUTHORITY (TNSCZMA) HELD ON 27.09.2018**

As the 102nd meeting of the Authority was the first meeting for the Chairman, TNSCZMA, the Member Secretary, introduced the Members to the Chairman and the Member Secretary and the Members of the Authority welcomed the Chairman.

AGENDA ITEM NO.01: Confirmation of the minutes of the 101st meeting of the Tamil Nadu State Coastal Zone Management Authority held on 10.08.2018.

The minutes of the 101st meeting of the Tamil Nadu State Coastal Zone Management Authority (TNSCZMA) held on 10.08.2018 and communicated in Letter No.P1/1044/2015 dated 23.08.2018 of the Director of Environment was confirmed.

AGENDA ITEM NO.02: The action taken on the decisions of 101st meeting of the Authority held on 10.08.2018.

The Member Secretary briefed the Members about the action taken by the Department of Environment on the decisions taken during the 101st meeting of the Tamil Nadu State Coastal Zone Management authority held on 10.08.2018. The Authority noted the action taken.

AGENDA ITEM NO. 03: Proposed forming of peripheral road connecting Mahabalipuram to Ennore Port (via) Singaperumalkoil, Sriperumbudur, Tiruvallur, Tamaraipakkam, Periyapalayam, Puduvoyal and Kattupalli for the chainage section I of Northern Port Access Road - Ennore Port to Thatchur on NH5 (CH0+639.374 to CH1+200 to CH2+800) Kattupalli and Vayalur Villages, Ponneri Taluk, Tiruvallur district proposed by the Divisional Engineer, Highways Dept., Chengalpattu

The Authority resolved to recommend the proposal to the Ministry of Environment, Forests and Climate Change, GoI., subject to the following specific conditions:

- a) The stilts or pillars, of the bridges/roads should not affect the free flow of tidal water. Further, the pile caps should be below the water level.
- b) The road alignment or formation of any bund should not tamper the existing tanks or lakes.

- c) Suitable measures shall be evolved to control the pollution and noise levels, during the construction and post-construction phases and ensure the installation of online monitoring system.
- d) No drawal of ground water in CRZ areas.
- e) Along the coastal stretches around the project area, Mangrove species shall be planted as a part of mitigation measures and the existing remnants of mangrove vegetations shall be rehabilitated.
- f) The green belt shall be developed with local species like Palmyrah in consultation with Forest Department and exotic ornamental trees shall be avoided at any cost.
- g) Ensure that the R & R (Rehabilitation & Resettlement) activities are as per norms.
- h) Consent to Establish and Consent to Operate shall be obtained from the Tamil Nadu Pollution Control Board, at the appropriate stages. The fly ash in the Buckingham Canal and Kosasthaiyar River stretches adjacent to the project area shall be cleaned under CSR component and this will be monitored and ensured by the TNPCB.
- i) NoC from the PWD should be obtained before the commencement of constructions.
- j) Proper arrangements should be made for the disposal of solid wastes generated in the project area.
- k) All the mitigation measures indicated in the Environment Management Plan should be implemented as proposed.
- l) Ensure that the flora and fauna habitations and agriculture lands in the vicinity in the project locality should not be affected due to the project implementation.
- m) There should not be any adverse impact on the fishermen and fishing activities due the project.
- n) Necessary statutory clearances, if any, required for the project should be obtained from the concerned competent authorities, without fail.

AGENDA ITEM NO.04: CRZ Clearance for the proposed Capacity Expansion of Cuddalore Port Proposed by Tamil Nadu Maritime Board

The Authority resolved to recommend the proposal to the Ministry of Environment, Forests and Climate Change, GoI., subject to the following specific conditions:

- a) Shoreline evolution should be monitored by suitable monitoring mechanism, periodically through reputed institutions. The Dredge spoil and Management should be supported by model studies and a proper monitoring mechanism should be implemented. Remedial measures need to be planned to prevent erosion, if any, on the adjacent coastal areas. Beach nourishment should be taken up with sand dredged from the harbor to minimize down drift erosion which should be supported by the coastal process monitoring studies.
- b) The Tamil Nadu Maritime Board, in addition to their dredging activities for the movement of cargo vessels should also undertake the dredging activities to aid the fishing vessels as per the request of Tamil Nadu Fisheries Department, as the said area is falling adjacent to the project area.
- c) Only those structures mentioned in the proposal and which are absolutely essential should be constructed. Soft solutions like providing geo-bags, geo-tubes shall be integrated with the hard structures.
- d) Suitable management procedures for long-term maintenance of groynes shall be evolved and the maintenance cost for groynes should be ensured by the Tamil Nadu Maritime Board.
- e) Based on the detailed scientific study, appropriate measures to be undertaken to avoid flooding, stagnation of water and sedimentation and also to prevent the adverse impact of floods, as the project area is cyclone prone.
- f) A detailed report on the details of solid waste (Bio-degradable / non-degradable etc.,) generated and a proper plan for segregation at source shall be formulated. Organic Waste Converter (OWC) of adequate capacity shall be provided to dispose the biodegradable waste. Further, other solid waste such as plastics may be collected and disposed for re-use.
- g) The Fishermen community shall be adequately educated on the segregation of solid waste for proper management of the solid waste.
- h) Only those facilities which are integral to the expansion of Port shall be provided in CRZ areas and those which are not integral to may be located outside the CRZ areas.
- i) Adequate mitigation measures to be taken to prevent the Oil spillage and its adverse impact.

- j) The Coal handling Rules issued by the Government of India should followed. The impact of coal to the eco-system and also around the human settlements should be periodically assessed and proper mitigation measures should be taken on the event of any adverse impacts. The air/ dust pollution due to the coal stock should be controlled by proper implementation of advanced technologies, in addition to the general precautions such as provision of wind screen, sprinkling of water etc., The coal should be transmitted through closed conveyor system only to the port area.
- k) The activity should not have any adverse impact on the marine organisms and ecosystem. The impact on the corals, marine organisms, Turtle nesting etc., due to the above constructions, in long run, should be evaluated and monitored through a panel of experts, in which, ecologists should be included.
- l) No drawal of ground water in CRZ areas is permitted.
- m) Greenery and Landscape changes shall be undertaken within the ambit of the provisions of the CRZ Notification 2011.
- n) The proposed activity shall not cause hindrance to the nearby human settlements/ authorized structures and fishing activities. Adequate Buoys should be deployed to demarcate the safe areas for the sailing of fishermen boat from that of the ship route/movement.
- o) The green belt shall be developed with local species and in consultation with Forest Department and exotic ornamental trees shall be avoided at any cost.
- p) All the mitigation measures indicated in the Environment Management Plan should be implemented as proposed.
- q) In Application No. 04 of 2013 in the matter of O.Fernandes versus Union of India pending before NGT at Chennai, the Hon'ble NGT (SZ) has issued orders on 4th September 2015 that the PWD or any other agency shall not proceed with any work either by putting up sea wall or groyne until further orders from the Tribunal. Hence such works on the coast of Tamil Nadu should be carried out as per the final orders of the Tribunal in the above said application.

- r) Consent to Establish and Consent to Operate shall be obtained from the Tamil Nadu Pollution Control Board, at the appropriate stages.
- s) Necessary statutory clearances, if any, required for the project should be obtained from the concerned competent authorities, without fail.

Sd./- xxxx

Thiru A. Udhayan, I.F.S.
Member Secretary, TNSCZMA &
Director, Dept. of Environment,
Chennai - 15.

Sd./- xxxx

Thiru. Shambhu Kallollikar, I.A.S.,
Chairman, TNSCZMA and
Principal Secretary to Government,
Environment & Forests Dept., Chennai-9.

TAMIL NADU STATE COASTAL ZONE MANAGEMENT AUTHORITY

Note for circulation:

The following agenda item is circulated among the members of the Tamil Nadu State Coastal Zone Management Authority, for perusal and approval.

AGENDA ITEM **Proposed "Chennai Andaman Nicobar Island (CANI) Submarine Cable System landing at Santhome Beach, Chennai" proposed by M/s. Universal Service Obligation Fund, Department of Telecommunication- Clearance under CRZ Notification 2011-regarding.**

The Universal Service Obligation Fund, Department of Telecommunication have planned to connect the Andaman and Nicobar group of Islands - eight number of islands viz., Port Blair, Little Andaman, Car Nicobar, Kamorta, Great Nicobar, Havelock, Long and Rangat Islands with mainland of India at Chennai through submarine optic fiber cable system. The cable system will have speed of 100 (Gbps) Gigabit per second and the system will help in augmenting the existing capacity to high capacity demand for communication and internet applications. The cable will comprise of four pair of optic fiber, i.e. eight fiber cables. Total route length is estimated to approximately 2199.66 Kms. Under the project, a beach manhole measuring 3m X 4m X 4m will be developed for housing the cable at Santhome Beach, Chennai. Cable from the beach manhole will be connected to the cable landing station which is the existing BSNL building located in R.K. Nagar, Chennai, which is 1.9 km from the beach manhole. No other major infrastructure will be developed in the coastal area.

2) The cable installation will not result in increase in concentration of suspended solids or increased turbidity. Cable will be laid on the sea bed freely without burial in deep sea i.e. where depth > 1000m. In the water where depth is less than 1000m, cable will be buried to depth of approx. 1m. A special equipment called Plough will be used for laying and burying the cable in depth of 20-1000m. Plough is burial machine wherein cable is laid and buried simultaneously by trenching supported by water jet action on sea bed and not by dredging. This water jet based burial itself does not allow much increase in turbidity.

.08.

3) In the areas very close to the shore (depth less than 20m) cable is laid and buried by divers using water jets. Sediments will settle down before mixing with the water column. Also cable laying near shore (less than 20m depth area) will be done in one day time.

4) The project area is falling in CRZ-IV (water area), CRZ-IB (intertidal zone) and CRZ-II (developed area - 500 mts. from the HTL of sea). The total project cost is Rs.15.02 crores.

5) The District Coastal Zone Management Authority for CMDA areas has recommended the project to the TNSCZMA, subject to the following conditions:

- a) As the total suspended solid in the sea water column will be increased during operational phase of the project due to tunneling / drilling activity, an EIA shall be prepared on the turbidity simulations and adequate EMP shall be evolved to mitigate the adverse impact, if any.
- b) Statutory Clearances, if any, from the competent authorities such as Telecom Department, Navy, Coast Guard, Maritime Board and other local/ State/ Central Authorities/ Security agencies etc., shall be obtained prior to the commencement of activities.
- c) The proponent shall record the data on the status of faunal and floral communities after the completion of the project to assess the impact of the project on ecology of the area.
- d) The applicant should adhere the following.
 - i) make operation only during the high tide in order to reduce siltation in the alignment area.
 - ii) The soil dredged from the sea bottom should be disposed in open sea where depth is more than 100m.
 - iii) the applicant shall ensure that there should not be any spillage of oil and petroleum products from boats to be used for laying cable.
 - iv) the vessel which will be used for the project should strictly adhere with ballast water management system in order to avoid introduction of invasive alien species in the territorial water.
 - v) the operation of cable line should be made only during the day time as illumination from the vessels may attract phototaxis organisms such as cephalopods, exocoetes etc., from the marine environment and insects from terrestrial habitat, which may endangered their lives.

6) With reference to the above, the project proponent have furnished detailed report in their letter dated 03.10.2018 (copy enclosed).

7) As per the CRZ Notification 2011, vide para 4 (i) (a) clearance shall be given for any activity within the CRZ if it requires waterfront and foreshore facilities and as per para 8 I CRZ-I (i) conveying systems including transmission lines; construction of trans harbour sea link are permissible activities even in CRZ-I (ecologically sensitive area). However as per para 4 (ii) (d), the activity requires clearance from the Ministry of Environment, Forests and Climate Change, Govt. of India.

8) Therefore, by considering the reply furnished by the project proponent, the State Coastal Zone Management Authority may resolve to recommend this proposal to Ministry of Environment, Forests and Climate Change, Government of India for Clearance under CRZ Notification, 2011.

Sd/- xxxx
Member Secretary,
TNSCZMA

To
The Members of Tamil Nadu State Coastal Zone Management Authority

It is requested to convey your acceptance to record this as minutes by returning a signed copy.

APPROVED

- 1) Dr. Beela Rajesh, I.A.S.,
Commissioner of Town and Country Planning,
807, Anna Salai, Chennai 600 002. Sd./-
- 2) Dr. G.S. Sameeran, I.A.S.,
Director of Fisheries,
Integrated Animal Husbandry and
Fisheries Building,
Nandanam, Chennai - 600 015. Sd./-
- 3) Thiru Rajesh Lakhoni I.A.S.,
Member Secretary,
Chennai Metropolitan Development Authority,
Thalamuthu Natarajan Building,
1, Gandhi Irwin Road, Egmore, Chennai 600 008. Sd./-

- 4) Thiru D. Sekar,
Member Secretary,
Tamil Nadu Pollution Control Board,
76 Mount Salai, Guindy, Chennai 600 032. Sd./-
- 5) Thiru C. Paul Prabhakar,
Regional Director,
Central Ground Water Board,
S.E.C.R., E-1, Rajaji Bhawan,
Besant Nagar, Chennai 600 090. Sd./-
- 6) Dr. S.S. Ramakrishnan,
Director, Institute of Remote Sensing,
Anna University Campus,
Chennai 600 025. Sd./-
- 7) Dr. S. Paulraj., IFS.,
Conservator of Forests (Retired),
No.G1/1, AIS Quarters,
Nerkundram, Chennai 600 092. Sd./-
- 8) Dr. R. Venkatesan, Scientist G &
Group Head-Ocean Observation Systems,
National Institute of Ocean Technology (NIOT),
Ministry of Earth Sciences, Pallikaranai,
Chennai 600 100. Sd./-
- 9) Dr. Nehru Kumar Vaithilingam,
Director, Centre for Environment, Health & Safety,
Annamalai University,
Annamalai Nagar 608 002. Sd./-
- 10) Dr. V. Selvam, Executive Director,
M.S.Swaminathan Research Foundation,
3rd Cross Street,
Taramani Institutional Area,
Taramani, Chennai 600 113. Sd./-

Sd./- xxxxxx
Thiru Sambhu Kallollikar, I.A.S.,
Chairman, TNSCZMA and
Principal Secretary to Government,
Environment & Forests Dept., Chennai-9

AGENDA ITEM NO.02: The action taken on the decisions of 102nd meeting of the Authority held on 27.09.2018

Sl. No	subject	Action taken
01	Proposed forming of peripheral road connecting Mahabalipuram to Ennore Port (via) Singaperumalkoil, Sriperumbudur, Tiruvallur, Tamaraipakkam, Periyapalayam, Puduvoyal and Kattupalli for the chainage section I of Northern Port Access Road - Ennore Port to Thatchur on NH5 (CH0+639.374 to CH1+200 to CH2+800) Kattupalli and Vayalur Villages, Ponneri Taluk, Tiruvallur district proposed by the Divisional Engineer, Highways Dept., Chengalpattu.	As resolved, the proposal has been sent to Environment and Forests Department, GoTN in Ir. Roc. No. P1 /2066/2018 dated 10.10.2018
02	CRZ Clearance for the proposed Capacity Expansion of Cuddalore Port Proposed by Tamil Nadu Maritime Board	As resolved, the proposal has been sent to Environment and Forests Department, GoTN in Ir. Roc. No. P1 /1666/2018 dated 10.10.2018

The action taken on the circulation agenda dated 05.12.2018

Sl. No	subject	Action taken
01	Proposed "Chennai Andaman Nicobar Island (CANI) Submarine Cable System landing at Santhome Beach, Chennai" proposed by M/s. Universal Service Obligation Fund, Department of Telecommunication	As resolved, the proposal has been sent to Environment and Forests Department, GoTN in Ir. Roc. No. P1 /2562/2018 dated 05.12.2018

AGENDA ITEM NO.03 : Proposed construction of Two Bye-Passes at Kelambakkam and Tiruporur under Phase-II of IT Expressway proposed by M/s. Tamil Nadu Road Development Company Ltd., Chennai

The District Environmental Engineer, TNPCB, Kancheepuram district has forwarded a proposal for the "Construction of Two Bye-Passes at Kelambakkam and Tiruporur under Phase-II of IT Expressway" proposed by M/s. Tamil Nadu Road Development Company Ltd., for Clearance under CRZ Notification 2011.

2) The District Coastal Zone Management Authority (DCZMA) for Kancheppuram district, have informed that the proposal is for the widening and improvements to Old Mahabalipuram Road from Siruseri to Poonjeri (Mahabalipuram) for a length of 25.3 km including construction of **two bye-passes at Kelambakkam and Tiruporur** under Phase-II of Rajiv Gandhi Salai improvement with Dual three lane carriage width of 10.5m each and Kelambakkam Bye-pass length of 4.675 kms and Tiruporur By-pass length of 7.450 km. The Kelambakkam bye-pass, branches at Km 32/725 of OMR in Padur Village and merges at Km 37/400 of OMR in Thaiyur Village with a length of 4.675 kms. The Tiruporur bye pass, branches at Km 40/000 of OMR in Kalavakkam Village, passes through Thandalam Village and merges at Km 47/450 of OMR in Vengaleri Village with a length of 7.450 km.

3) The proposed construction of bye passes along Kelambakkam involves the construction of one major bridge, two minor bridges and one box culvert and construction of bye-pass along Tiruporur involves three box culvers. In addition to the above 11 box culverts will be constructed wherever necessary as balancing culverts to facilitate for free flow of water from one side to other side.

4) As per the HTL demarcation maps of Institute of Remote Sensing, Anna University, the road alignment is passing through the CRZ-III and CRZ-IB areas. The total cost of the project is 27.92 Crores (for CRZ areas).

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5) Green belt is proposed by the Project Proponent with the plan to plant about 700 trees of native species in the Environment Management Plan.

6) The DCZMA for Kancheepuram district have recommended the proposal in its meeting held on 05.09.2018.

7) As per CRZ Notification laying of road, bridges are permissible activities under para 8 (i) I CRZ-I (ii) (g) in CRZ -I (B) inter-tidal zone and vide 8 (i) III (A) (iii) (j) and (B) (viii) in CRZ-III area. However, it requires clearance from the SEIAA, vide schedule 7(f) of the EIA Notification, 2006, as the Highways includes "Express ways".

8) The Authority may consider.

AGENDA ITEM NO.04 : Proposed expansion of the LPG import and Storage Terminal by installing additional storage tanks at Plot No.5C, VOC Port Trust, Thoothukudi by M/s. SHV Energy Private Limited, Thoothukudi.

The District Environmental Engineer, TNPCB, Thoothukudi district has forwarded a proposal for the expansion of the facility by installing additional storage tanks at Plot No.5C, VOC Port Trust, Thoothukudi by M/s. SHV Energy Private Limited, Thoothukudi, for Clearance under CRZ Notification 2011

2) The project proponent has informed that the proposed expansion the facility is to add one 15,000 MT capacity Propane Tank, one 15,000 MT capacity Butane Tank and two numbers of 100 MT capacity bullets or mounted tanks above ground, one diesel tank of 16KL capacity, along with a Blender Mechanism, Boiler to Generate Steam to pre-heat the Propane and Butane, before blending. The proposed 15,000 storage tanks are also double walled, refrigerated storage tanks, as the existing one. The Project Proponent has also informed that the project also covers two unloading pipelines of 4.2 km length, from the Oil jetty to the proposed storage tanks.

3) The total area available is 71,946.02 sqm. wherein the existing built-up area is 3804 sqm., and the built-up area for the proposed expansion shall be 9625 sqm. The proposed green belt area would be 16,956.33 sq.m and the remaining 24,847 sq.m shall be the vacant land. The Existing Capacity is 0.35 MMTPA and the proposed Capacity is 1.2 MMTPA.

4) The DEE, TNPCB, Thoothukudi informed that the proposed expansion of the facility requires Environment Clearance under E(P) Act, 2006 and CRZ Clearance under CRZ Notification, 2011 also, for which the ToR for the conductivity Rapid Environmental Impact Assessment Study was approved by SEIAA. The facility has carried out the REIA study and submitted applications, for CRZ clearance for the facility, as well as for the 2 Nos. of pipelines, from Oil Jetty to the proposed tanks.

5) The proposed activity falls in CRZ-II and CRZ-IV area as per the HTL map of the Institute of Remote Sensing, Anna University and as per the approved CZMP of Tamil Nadu, the pipeline alignment is passing in Critically Vulnerable Coastal Area of Gulf of Mannar bio-sphere, as per para 8 (i) V(4)(b) and hence attracts the provisions of CRZ-I vide para 7 (i)(A)(e). The total cost of the proposed project is Rs.204.5 crores.

6) The DCZMA for Thoothukudi have recommended the project to SCZMA with the following conditions, in the meeting held on 08.10.2018.

- a) All the provisions of the CRZ Notification, 2011 shall be adhered with.
- b) The project proponent shall undertake the activities pertaining proposed expansion, only after getting the required Environmental Clearance from the competent authority, including the clearance under CRZ Notification, 2011 and other statutory clearances.
- c) The project proponent shall undertake the construction / establishment works only after getting the required planning permission from the Directorate of Town and Country Planning and plan approval from Thoothukudi Municipal Corporation.
- d) The project proponent shall not draw any ground water in CRZ area, under any circumstance.
- e) The project proponent shall provide STP, as proposed and arrange to utilize the treated sewage on their own land for gardening purposes. It shall be ensured that the untreated sewage shall not be discharged, either on land or into marine coastal areas, under any circumstance.
- f) The project proponent shall provide ETP, followed by Zero Liquid Discharge System, comprising of Reverse Osmosis Plant, as proposed, and shall arrange to utilize the permeate recovered in their industrial activity, and the reject shall be utilize for gardening / greenbelt development.

- g) The project proponent shall remit the taxes payable to the Corporation such as Building License Fee for the existing buildings, Vacant Land Tax and Property Tax, payable to Thoothukudi Corporation, as and when such Demands are made.
- h) The project proponent shall not 'use and throwaway' plastics such as plastic sheets used for food wrapping spreading on dining table etc., plastic plates, plastic coated tea cups, plastic tumbler, water pouches and packets, plastic straw, plastic carry bags and plastic flags irrespective of thickness, within the industry premises. Instead unit shall encourage use of eco friendly alternative such as banana leaf, areca nut palm plate, stainless steel glass, porcelain plates / cups, cloth bag, jute bag etc.,
- i) The project proponent shall undertake continual awareness programme against the use of 'use and throw' plastic items, within the premises and also at the community level, by erecting display boards depicting the environmental hazards of plastics, alternates to plastics, etc.,

7) As per CRZ Notification 2011, facilities for receipt and storage of petroleum products and liquefied natural gas and facilities for regasification of Liquefied Natural Gas in CRZ II areas., is permissible activities. As per para 8(i)V(4)(b) of CRZ Notification 2011, the pipeline alignment is passing through Critically Vulnerable Coastal Area of Gulf of Mannar bio-sphere and hence attracts the provisions of CRZ-I vide para 7 (i)(A)(e) of the said Notification 2011. However vide para 8 (i) I CRZ-I (b), the erection of pipelines in CRZ-I area is permissible activity but requires Clearance from the MoEF&CC., GoI vide para 4 (ii) (d) of the CRZ Notification 2011. Further the Project Proponent should obtain Environment Clearance from the SEIAA and the SEIAA have already issued ToR for the above project.

8) The Authority may consider.

AGENDA ITEM NO.05. Inclusion of an additional product viz., at Liquid Storage Terminal at Biden Place in Chennai Port Limited proposed by M/s. Integrated Service Point Pvt. Ltd., Chennai

M/s. Integrated Service Point Private Limited, Chennai has constructed 12 edible oil transit storage tanks at R.S. No. 282 of Chennai Port Trust area for which Clearance under CRZ Notification 1991 has been issued in order dated 24.12.2009 of the Member Secretary, Tamil Nadu State Coastal Zone Management Authority (TNSCZMA) as resolved in the 55th meeting of the TNSCZMA held on 11.12.2009.

2) Subsequently, the TNSCZMA in the 79th meeting held on 18.08.2014 accorded clearance for the storage of CBFS (Carbon Block Feed Stock), Carbon Block Oil, Fuel oil, Coal Tar in conjunction with edible oil in separate tanks of existing oil storage terminal, along with the construction of boiler and pipelines required to interconnect tanks and vessels at Chennai Port, subject to the following conditions.

- a) Proper awareness should be created among the public who are residing within the buffer zone
- b) Training and mock drills should be given to the employees and also to the public to handle emergencies/ accidents duly.
- c) There should not be any extraction of ground water in CRZ.
- d) The project activity should not affect the coastal ecosystem including marine flora and fauna.
- e) The construction of storage tanks shall satisfy the prescribed standard norms.
- f) Any further activity should be carried out in the above site, only with the prior approval of the competent authorities.
- g) The storage tanks should be used for the storage of edible oil and Non hazardous substances only as proposed.
- h) Appropriate facility should be created for the collection of solid and liquid waste, if any, and their safe disposal should be ensured at the storage location and as well as transit points.

3) Now, the project proponent has requested Clearance to store an additional product viz., Suphuric Acid (H_2SO_4) in the above existing storage tank facilities. The Chennai Port Trust have issued principle approval to import and handle Sulphuric Acid as additional cargo in the allotted Port Trust area. The existing total land area is 4427 sq.mtrs. and the existing builtup area is 3138 sq.mtrs.

4) The existing capacity is 2 tanks of Edible Oil with the capacity of 2050 KL (4100 KL) and 7 tanks of CBFS / Fuel Oil, Carbon black Oil, Coal Tar with the capacity 2050 KL (14,350 KL). The project proponent proposed to change the storage tanks as 4 tanks of Edible Oil with the capacity of 2050 KL (8200 KL) and 5 tanks of CBFS/Fuel Oil, Carbon black oil, Coal tar & Sulphuric acid with the capacity 2050 KL (10250 KL). No additional land required for the proposal and there is no additional construction of storage tanks.

5) Vide para 3 (ii) (b) of the CRZ Notification, 2011, facilities for receipt and storage of fertilizers and raw materials required for manufacture of fertilizers like ammonia, phosphoric acid, sulphur, sulphuric acid, nitric acid and the like, shall be permitted, except in CRZ-I eco-sensitive areas. Further, as per vide para 8 (i) II CRZ II (vi) of the said notification, storage of non-hazardous cargo, such as edible oil, fertilizers and food grain in notified ports is permissible activity. The project site is falling in CRZ-II area within the notified Chennai Port area and requires clearance from the TNSCZMA.

6) The Authority may consider.

AGENDA ITEM NO.06 Clearance under CRZ Notification 2011 for the Mahabalipuram Beach Resort Hotel Project at Madura Devaneri village, Mamallapuram, Thirukazhukundram Taluk, Kancheepuram District, Tamil Nadu by M/s Chandrakala Resort Hotel Limited, Chennai.

M/s. Chandrakala Resort Hotel Limited (CRHL) is establishing a Hotel Complex in its patta land of an extent of 3.81 Ha (9.42 acres) in SF Nos. 16/1B1, 3B1B, 3B1B2, etc. at Madura Devaneri village, Mamallapuram, Tirukalukundram Taluk, Kancheepuram District of Tamil Nadu. The Ministry of Environment, Forest and Climate Change (MoEFCC) have accorded the CRZ Clearance for the Project under Coastal Regulation Zone (CRZ) Notification 1991 vide its Letter No. J-19011/6/97-IA-III dated 06.12.2005.

2) The proposal involves Resort/Hotel Complex with 102 Rooms and Restaurants, Wave Pool, Playgrounds, Swimming Pool, etc. with the Project Cost of Rs.18.63 crores now. The different buildings and their builtup area are as detailed below :

Building	Built-up Area, sq.m			
	Lower Ground Floor	Ground Floor	First Floor	Total
Central Facilities	1105.80	2388.35	-	3494.15
Studios (34 in GF+36 in FF)				
Suites (16+14)	-	3178.45	3148.57	6327.02
Presidential Suite (0+1)				
Manager Quarter (1+0)				
Covered Area/Miscellaneous	-	311.17	-	311.17
Total	1105.80	5877.97	3148.57	10132.34

Earlier Workings (under CRZ-III Categorization) :

Total Area for FSI calculation	:	32,422 sq.m
Proposed Construction	:	10132.34 sq.m
Floor Space Index	:	0.3125 (<0.33)

Workings now under CRZ-II Categorization :

Proposed builtup area (FSI & Non FSI)	:	11,069.68 sq.m
Floor Space Index	:	0.2904 (<0.33)
Ground Floor Coverage	:	5,402.84 sq.mts.
Plot Area Coverage	:	14.17% (<33%)

3) The Project Proponent has informed that the building height will be 8.83mts above ground level which is less than that of the permissible level of 9mts. Green belt will be developed in an area of 0.8 Ha (21% coverage). The Tamil Nadu Pollution Control Board (TNPCB) has issued the No Objection Certificate (NOC)/ Consents to Establish for the Project vide Order No. 5750 (Air Act) & 5810 (Water Act) dated 18.01.2012 with the specific condition that the EC Extension shall be obtained and submitted to the Board at the time of Application to the Consents to Operate.

4) Accordingly, CRHL had applied to the Ministry for the Revalidation of the CRZ Clearance. The request for EC Revalidation was deliberated in the 113th EAC Meeting of Infrastructure & CRZ Projects held during 4th-5th June, 2012 as Item No. 3.3 and sought Additional Details and Updated EMP. CRHL had submitted the required documents, as recommended and forwarded by TNCZMA vide Letter 22394/EC.3/2013-1 dated 18.11.2013, to the Ministry in Revalidating the CRZ Clearance. The CRHL had requested for Revalidation of CRZ Clearance which has been deliberated by the Hon'ble Committee in its 175th EAC Meeting held on 07.09.2017. While the Hon'ble Committee reiterated that the Ministry may consider the extension of CRZ Clearance for the Proposal and recommended that necessary specific conditions as may be admissible on date may be stipulated in addition to the existing conditions stipulated in the original clearance letter dated 06.12.2005. However, MoEF&CC has directed CRHL to apply afresh under CRZ Notification 2011 so as to award the CRZ Clearance for the Proposal.

5) Meanwhile, the applicant has informed that the TNPCB has extended the validity of NOC/Consents to Establish (CTEs) till **22.01.2023** or till the industry obtains CTO vide Order 1803211003555 dated 06.02.2018. The Planning Permission for the above project has also been issued by the Department of Town and Country Planning for the above project.

6) Approved Coastal Zone Management Plan (CZMP) of Tamil Nadu Sheet No. 103 approved by MoEF&CC vide F. No. 12-8/2018-IA.III dated 24.10.2018, the Hotel Site falls in CRZ-II Area from earlier categorization of CRZ-III. With new categorization of

the CRZ Area, the High Tide Line (HTL) / Low Tide Line (LTL) demarcation, CRZ Map in 1:4000 Scale with Layout superimposed, has been prepared by the Institute of Remote Sensing (IRS), Anna University, Chennai and submitted again for the CRZ Clearance. The CRHL has informed that the Project construction (ongoing) is in full compliance with the conditions stipulated in CRZ Clearance as well as Consents conditions.

7) As the MoEF&CC., GoI have already issued Environmental Clearance under CRZ Notification 1991 and the applicant has requested the Clearance under CRZ Notification 2011 as they have not completed the constructions within the stipulated five years from the date of issue of Clearance vide 3 (2) (1a) under CRZ Notification 1991 and also within 10 years from the issue of Clearance as per CRZ Notification 2011 amended vide S.O. No. 1002 (E) dated 6th March 2018, for the above project.

8) The Authority may consider.

AGENDA ITEM NO.07 : Re-laying of existing Neelankarai Beach Road adjoining the Survey No.83 in Division No.192, Zone 15 of Neelankarai village, Shozhinganallur Taluk, Kancheepuram district for the benefit of the local and general public proposed by the Greater Chennai Corporation for Clearance under CRZ Notification 2011.

The Greater Chennai Corporation have submitted a project for the Re-laying of existing Neelankarai Beach Road adjoining the Survey No.83 in Division No.192, Zone 15 of Neelankarai village, Shozhinganallur Taluk, Kancheepuram district for the benefit of the local and general public for Clearance under CRZ Notification 2011.

2) The road is falling in CRZ-II and the total length of the road to be re-laid will be 370 mts. The Total Project cost is Rs.39.50 lakhs.

3) The District Coastal Zone Management Authority for CMDA areas, have recommended the project subject to the following specific conditions:

- i) The proposed relaying of existing mud road of length 370- mts and width 6mts should not be increased and the alignment of the road shall not be changed.
- ii) No vegetation shall be cleared off while relaying of the motorable road.
- iii) The demolition of wastes generated during the relaying of the road shall used for internal back filling of the motorable road as committed.
- iv) Dust generated during relaying of the road shall be mitigated by sprinkling of water.
- v) The relaying activity shall adhere to the ambient noise level standards.
- vi) The relaying activity shall comply with the Construction and Demolition Waste Management Rules, 2016.
- vii) There should not be any ground water extraction in the CRZ area.

4) As per CRZ Notification, 2011, laying of road is permissible activity under para 8 (i) II CRZ II (ii) and requires Clearance from the Tami Nadu State Coastal Zone Management Authority.

5) The Authority may consider.

AGENDA ITEM NO.08 Temporary Research laboratory for Marine antifouling research at Beach road, Karapad, Thoothukkudi proposed by the Director, Sacred Heart Marine Research Centre, Thoothukkudi

The Director, Sacred Heart Marine Research Centre, Thoothukkudi have previously obtained CRZ clearance for establishing a temporary research laboratory at Beach Road, Karapad, Thoothukkudi for conducting research on marine antifouling agent and the environmental clearance was issued in Proc. No. P1/624/2004 dated 09.06.2004 and extension of time has been granted time to time upto 09.06.2017.

2) While applying for further extension, the TNSCZMA in the 96th TNSCZMA meeting held on 08.09.2017 resolved as follows.

"The applicant informed that the research will be continued with the latest technology. The Authority however found that the scope of the existing activities has been changed and resolved not to extend the time limit. Further the Authority resolved to request the applicant to apply afresh for Clearance with the current facts and details of the activities for scrutiny".

3) Accordingly, the applicant has submitted afresh proposal for Antifouling Research with latest Nanotechnology **using the already existing temporary structure and facilities**, under the title "*The novel nanostructured surfaces for their potential in creating chemical free coatings for the submerged hull of ocean going vessels*"

4) The applicant has informed that they conducting practical and applied research to develop nontoxic coatings that will prevent the attachments of barnacles on submerged surfaces based on "Static Immersion Test" and informed that a continuous mode of dynamic test creates a simulated environment that challenges the coating so that poor performing coating systems can be identified. The institution has requested permission to carryout research activities for 4 years to complete the research to develop a concept of Nano engineered super-hydrophobic surfaces for potential antifouling properties.

5) The site falls in CRZ-I(B) - inter tidal zone. The structures are of temporary nature and located in the land belonging to Thoothukudi Port Trust. As per CRZ Notification 2011, vide para 4 (i) (a) Clearance shall be given for any activity within the CRZ if it requires waterfront and foreshore facilities;

6) The proposal has been again placed before the TNSCZMA in its 98th meeting held on 28.01.2018 and the Authority resolved to form a Sub-Committee consisting of Senior Technical Officers, one each, from the Fisheries Department and National Institute of Ocean Technology (NIOT) to conduct an onsite inspection to assess the permissibility and actual need for the further extension of time for 3 years to complete the Research activities of the Project Proponent. The proposal shall be considered based on the Sub-Committee report.

7) As requested by the Authority, the Fisheries Department and National Institute of Ocean Technology (NIOT) have nominated Thiru. R. Amal Xavier, Joint Director of Fisheries (Regional), Tuticorin and Dr. Basanta Kumar Jena, Scientist-F, NIOT respectively. The Committee have inspected the site on 31.07.2018 and submit the report. In the inspection report, the Committee indicated that the proposal can be considered by the Director of Environment but not indicated the number of years that may be given to complete the research activities. Further, they have been requested to indicate the number of years that may be given to complete the research activities. Dr. Basanta Kumar Jena, Scientist-F, NIOT has informed that the numbers of years may be provided as per the CRZ Notification, 2011 and subsequent amendment thereon.

8) There are no specific guidelines to fix a period for such research activities in the CRZ Notification, 2011. As the applicant has requested originally 4 years to complete the activities and accepted to complete the activities in three years during the last 98th meeting.

9) The Authority may consider.

AGENDA ITEM NO.09 : Proposed regularization of a plot due to the sub-division of land falling in Plot No. 20, S.No. 99/9C8B1 of Muttukadu village, Thiruporur Panchayat Union, Tambaram Taluk, kancheepuram district proposed by Thiru Suren Prabhu, T.Nagar, Chennai.

Thiru Suren Prabhu, Chennai has submitted a proposal for the regularization of his plot due to the sub-division of land falling in Plot No. 20, S.No. 99/9C8B1 of Muttukadu village, Thiruporur Panchayat Union, Tambaram Taluk, kancheepuram district under CRZ Notification 2011. The site is falling in CRZ-III and the property have the extent of 900 sq.ft.,

2) Powers have been delegated to Corporation of Chennai in Roc. No. P1/443/2011 dated 16.02.2012 for the construction of ordinary buildings and other small buildings, falling in CRZ-II areas. Delegation of powers has not been issued to CMDA and the Corporation of Chennai with reference to sub-division / layout proposals and hence the CMDA in letter No. L1/2862/2011 dated 16.11.2011 has requested to place the proposals in respect of sub-divisions and layouts before the TNSCZMA for approval as such proposals involves forming of roads/ passages etc.

3) In the above said project site, developments as stipulated under para 8 (i) III CRZ III of CRZ Notification 2011 shall be carried out.

4) The Authority may consider.

AGENDA ITEM NO.10 : Proposed sub-division of land falling in S.No. 223/3, T.S. No. 38, block no. 67 of Old Door No. 7, New Door No. 1, new Beach Road, Thiruvalluravar Nagar, Thiruvanmiyur, Chennai 600 041 proposed by Thiru Ashok Kumar Bisani and Tmt. Rashmi Bisani, Chennai.

Thiru Ashok Kumar Bisani and Tmt. Rashmi Bisani, Chennai submitted a proposal for the sub-division of their land into 2 plots, which is falling in S.No. 223/3, T.S. No. 38, block no. 67 of Old Door No. 7, New Door No. 1, new Beach Road, Thiruvalluravar Nagar, Thiruvanmiyur, Chennai 600 041 for Clearance under CRZ Notification 2011. The site is falling in CRZ-II area on the landward side of the existing road. The applicant has proposed to sub-divide the property of 1000 sq.m. into two plots of vis. Plot A of 442.66 Sq.mts and plot B with 12 feet wide passage of 557.34 sq.mts.,

2) Powers have been delegated to Corporation of Chennai in Roc. No. P1/443/2011 dated 16.02.2012 for the construction of ordinary buildings and other small buildings, falling in CRZ-II areas. Delegation of powers has not been issued to CMDA and the Corporation of Chennai with reference to sub-division proposals and hence the CMDA in letter No. L1/2862/2011 dated 16.11.2011 has requested to place the proposals in respect of sub-divisions and layouts before the TNSCZMA for approval as such proposals involves forming of roads/ passages etc.

3) As per CRZ Notification 2011, vide para 8 II CRZ-II (i) and (ii) construction shall be allowed by the State Coastal Zone Management Authority subject to the condition that the proposed construction should satisfy the local Town and Country Planning regulations including norms of FSI/FAR as on 19.02.1991.

4) The Authority may consider.

AGENDA ITEM NO.11: Status report on the Coastal Zone Management Plan of Tamil Nadu as per the CRZ Notification, 2011

As per the provisions of the Coastal Regulation Zone (CRZ) Notification, 2011 , the Department of Environment, Government of Tamil Nadu have entrusted the work of preparation of draft CZMPs for all the coastal districts of Tamil Nadu to the National Centre for Sustainable Coastal Management (NCSCM), Chennai, who is an authorized agency approved by the GoI, for the said purpose.

2) The NCSCM submitted the draft CZMP on 15.02.2018. The said draft CZMP was published in the Department of Environment (DoE) Website and the ENVIS Centre of DoE inviting suggestions / objections, if any, from all the Stakeholders/ Departments/ local communities/ NGO's etc. The respective District Administrations conducted the respective public hearings for all the 13 Coastal districts by following the provisions of the EIA Notification, 2006 during the Month of April 2018.

3) The NCSCM have submitted the final Draft CZMP in 115 maps in pdf format after carried out necessary corrections based on the remarks received during the Public Hearings, in two batches on 03.07.2018 & 10.08.2018 and the same have been forwarded to MoEF&CC, Government of India for approval through Government of Tamil Nadu in letters dated 30.07.2018 and 28.08.2018.

4) The Secretary, MoEF&CC, GOI has convened the 35th National Coastal Zone Management Authority (NCZMA) meeting on 24.09.2018 at New Delhi on the approval of the Draft Coastal Zone Management Plan for Tamil Nadu and the Director of Environment & Member Secretary, TNSCZMA made a detailed presentation on the Draft CZMP for Tamil Nadu and the Authority has agreed for CZMP. The MoEF&CC, GoI have conveyed its approval of the Coastal Zone Management Plan (CZMP) for Tamil Nadu, based on the recommendations of the National Coastal Zone Management Authority (NCZMA) vide letter F.No.12-8/2018-IA-III, dated 24.10.2018.

5) The NCSCM has submitted the approved Coastal Zone Management Plan (CZMP) in 117 maps to the Department of Environment on 26.11.2018, after marked the Hazard line in the CZMP and the same has been uploaded in the Website of Department of Environment (<http://www.environment.tn.nic.in>) and ENVIS (<http://tnevis.nic.in>) on 29.11.2018. Soft copy of the approved CZMP has been sent to all the 13 District Coastal Zone Management Authorities and the Stakeholder Departments for necessary action vide this office letters dated 30.11.2018.

This is for information.

AGENDA ITEM NO.12: Any other subject with the permission of the Chair.

Sd/-xxxx
Dr. Jayanthi. M., I.F.S.,
Member Secretary, TNSCZMA &
Director, Dept. of Environment,
Chennai - 15.

Sd/-xxxx
Thiru Shambhu Kallollikar, I.A.S.,
Chairman, TNSCZMA and
Principal Secretary to Government,
Environment & Forests Dept., Chennai-9.

Addl. Agenda Item No.12 (i) : Pipeline for Transfer of Edible Oils from Chennai Port to Storage terminal tank and establishment of storage Transit Terminal at Tondiarpet Village and Taluk, Chennai district and other associated facilities proposed by M/s. KTV Health Food Pvt. Ltd., Chennai - Clearance requested under Post facto clearance for permissible activities

M/s. KTV Health Food Private Limited, Chennai have requested the clearance under the CRZ Notification, 2011 for the proposed laying of pipeline for the transfer of Edible oil from Chennai Port to storage terminal and establishment of storage transit terminal at old S.No. 4061 and new S.No. 4061/A & 4061/2 in Ennore Express way (Door No. 1,2 &3 Suriyanarayana street), Tondiarpet village and Taluk of Chennai district. The District Coastal Zone Management Authority for CMDA have recommended the project for clearance in the meeting held on 10.07.2015.

2) Hence, the proposal was placed before the 88th meeting of the Tamil Nadu State Coastal Zone Management Authority held on 15.02.2016 and as per the decision of the Authority, the proposal was forwarded to the Ministry of Environment, Forests and Climate Change, Government of India, vide GoTN Environment & Forests Department letter No. 3726/EC.3/ 2016-1 dated 24.03.2016.

3) The MoEF & CC, Govt. of India on the application of M/s. KTV Health Food Private Limited, Chennai for regularization under post-facto clearance as prescribed vide Notification S.O. No.1002 (E) dated 06.03.2018 in respect of the project, requested the TNSCZMA to furnish specific recommendation of TNSCZMA, vide letter F.No.11-18/2016-IA.III dated 23.03.2018 & 26.10.2018.

4) Accordingly, the DCZMA for Chennai District have been requested to inform whether the activities undertaken by M/s. KTV Health Foods Pvt. Ltd., have caused any violation with reference to the CRZ regulations except obtaining prior clearance.

5) The District Environmental Engineer, TNPCB, Chennai District has inspected the site on 07.12.2018 and stated that he observed that the unit was not under operation and the storage tanks having capacities of 1720 KL, 1442 KL, 1281 KL, 855 KL & 7527 KL each 1 No. and the pipeline laid / provided for the transfer of edible oil from Chennai Port to storage tanks were kept idle. Further, he stated that the unit authorities informed that the unit was kept idle for the last four years.

6) The DEE, TNPCB, Chennai District has also informed that no violation was observed with reference to the CRZ Notification, 2011 except obtaining prior clearance for installation of tanks and laying of pipeline as per CRZ Notification, 2011 as amended.

7) The Authority may consider for sending the above facts to MoEF & CC, Govt. of India.

Addl. Agenda Item No.12 (ii) : Golf Course Project Tamil Nadu by M/s. Sporting Pastime India Limited at Odhiyur hamlet of Mudaliyarkuppam Village, Cheyyur Taluk, Kancheepuram District - To retain in CRZ-III

M/s. Sporting Pastime India Ltd., have proposed to construct an international standard Golf Course at Odhiyur hamlet of Mudaliyarkuppam Village, Cheyyur Taluk, Kancheepuram district. Based on the recommendation of the State Coastal Zone Management Authority in the 6th meeting held on 04.08.1999, proposal have been sent to Govt. of India for consideration.

2) At the time of sending proposals during the year 1999, the site was categorized as CRZ-I. However, based on the recommendation of the State Coastal Zone Management Authority in the 6th meeting held on 04.08.1999, a proposal has been sent to Govt. of India for the reclassification the project site as CRZ-III. The Govt. of India in letter No.J-11011/18/96-IA.III dated 23.06.2000 approved the above reclassification.

3) Accordingly, the Govt. of India have issued Environment Clearance for the above project in letter No.J-17011/9/99/IA.III dated 09.10.2002, subject to the several conditions.

4) Now, the applicant has informed that some of the physical features like, sand dunes, water bodies on the project site have been developed by them as essential to international Golf Course and not natural features. However, the applicant informed that the National Centre for Sustainable Coastal Management developed the Coastal Zone Management Plan (CZMP) by categorizing the above said areas, as CRZ-IA & IB viz., Ecologically sensitive and Intertidal Zone respectively taking into account the above artificially developed features as natural features. Hence, the applicant requested that the project area may be retained as CRZ-III.

.2.

5) As per the CRZ Notification, 2011 the CZMP should be prepared by given wide publicity as per Environment (Protection) Act, 1986 along with conducting public hearing at district level. Accordingly, the draft CZMP has been uploaded on 19.02.2018 in the websites of the Department of Environment, ENVIS and hard copies have been made available at the Government offices / local bodies for public views / objections / suggestions. Accordingly, several applications have been received upto September 2018 have been considered. However, no representation has been received from the applicant.

6) However, as per the CRZ Notification, 2011, vide para V of Annexure-I , "whenever there is a doubt, the concerned State or Union territory Coastal Zone Management Authority shall refer the matter to the National Centre for Sustainable Coastal Management (NCSCM), who shall verify the CZMP based on the latest satellite imagery and ground truthing".

7) In view of the above, the reports / remarks on the application have been requested from District Coastal Zone Management Authority (DCZMA), Kancheepuram, vide letter No.P1/3194/2018-1 dated 21.12.2018. The remarks / reports from the DCZMA, Kancheepuram is awaited.

8) In view of the above facts, the matter may be referred to NCSCM, to submit factual report, based on the latest satellite imagery and ground truthing, as prescribed in the CRZ Notification, 2011.

9) The Authority may consider.

**MINUTES OF THE 103rd MEETING OF THE TAMIL NADU STATE COASTAL ZONE
MANAGEMENT AUTHORITY (TNSCZMA) HELD ON 03.01.2019**

As the 103rd meeting of the Authority was the first meeting for the year 2019, the Member Secretary and the Members of the Tamil Nadu State Coastal Zone Management Authority welcomed the Chairman, with greetings.

AGENDA ITEM NO.01: Confirmation of the minutes of the 102nd meeting of the Tamil Nadu State Coastal Zone Management Authority held on 27.09.2018.

The minutes of the 102nd meeting of the Tamil Nadu State Coastal Zone Management Authority (TNSCZMA) held on 27.09.2018, communicated, to the Members of the Authority, in Letter No.P1/2200/2018 dated 08.10.2018 of the Director of Environment was confirmed.

Further the TNSCZMA have, through the Circulation Agenda dated 05.12.2018 resolved to recommend the proposed "Chennai Andaman Nicobar Island (CANI) Submarine Cable System landing at Santhome Beach, Chennai" proposed by M/s. Universal Service Obligation Fund, Department of Telecommunication. The same was also confirmed.

AGENDA ITEM NO.02: The action taken on the decisions of 102nd meeting of the Authority held on 27.09.2018.

The Member Secretary briefed the Members about the action taken by the Department of Environment on the decisions taken during the 102nd meeting of the Tamil Nadu State Coastal Zone Management authority held on 27.09.2018. The Authority noted the action taken.

The Chairman requested to the Member Secretary, TNSCZMA to include the status of the action taken on the Proposals, at the Environment and Forests Department, GoTN in the action taken report.

AGENDA ITEM NO.03 : Proposed construction of Two Bye-Passes at Kelambakkam and Tiruporur under Phase-II of IT Expressway proposed by M/s. Tamil Nadu Road Development Company Ltd., Chennai

The Authority resolved to clear the proposal subject to the following specific conditions:

- a) The stilts or pillars, of the bridges/roads and the culverts should not affect the free flow of tidal water.
- b) The road alignment or formation of any bund should not tamper the existing tanks or lakes.
- c) The Project Proponent should ensure that there should not be letting of sewerage through the culverts/ bridges.
- d) The quality of work should be ensured and necessary facilities shall be provided to inspect the project area by a Committee, comprising the Members of the TNSCZMA, TNPCB and the officers of the Department of Environment, during the construction phase.
- e) The Project Proponent should ensure that the Maintenance Contract executed with the contractor should include the maintenance of aesthetic beauty of the road, survival of the trees, safety of the road, preventing encroachment etc., The possibilities of a third party assessment shall be explored, on the maintenance of the road, as per the contract agreement.
- f) Suitable measures shall be evolved to control the pollution and noise levels, during the construction and post-construction phases and ensure the installation of online monitoring system.
- g) No drawal of ground water in CRZ areas.
- h) The green belt shall be developed with tall local species like Palmyrah in consultation with Forest Department and exotic ornamental trees shall be avoided at any cost.
- i) Ensure that the R & R (Rehabilitation & Resettlement) activities are as per norms.
- j) Proper arrangements should be made for the disposal of solid wastes generated in the project area.

.3.

- k) All the mitigation measures indicated in the Environment Management Plan should be implemented as proposed.
- l) Ensure that the flora and fauna habitations, especially along the tidal influenced water bodies of the project locality should not be affected due to the project implementation.
- m) There should not be any adverse impact on the fishermen and fishing activities due the project.
- n) Necessary statutory clearances from the Salt Department, PWD, SEIAA etc., if any, required for the project should be obtained from the concerned competent authorities, without fail.

AGENDA ITEM NO.04 : Proposed expansion of the LPG import and Storage Terminal by installing additional storage tanks at Plot No.5C, VOC Port Trust, Thoothukudi by M/s. SHV Energy Private Limited, Thoothukudi.

The Authority resolved to recommend the proposal to the Ministry of Environment, Forests and Climate Change, GoI., subject to the following specific conditions:

- a) The Automatic Fire Fighting / Protection system shall be provided with the latest techniques and the Automation should also be covered the existing Plant operations. The Proponent should ensure the proper implementation of all the aspects indicated under the Safety Management.
- b) The project proponent shall undertake the activities pertaining proposed expansion, only after getting the required Environmental Clearance from the competent authority, including the clearance under CRZ Notification, 2011 and other statutory clearances.
- c) The project proponent shall undertake the construction / establishment works only after getting the required planning permission from the Directorate of Town and Country Planning and plan approval from Thoothukudi Municipal Corporation.

.4.

- d) The project proponent shall not draw any ground water in CRZ area, under any circumstance. Further the unit should procure fresh water from the authorized water supplier, approved by the Government/Government agencies or arrange to setup a mini desalination plant to meet their fresh water demand.
- e) The project proponent shall provide STP, as proposed and arrange to utilize the treated sewage on their own land for gardening purposes. It shall be ensured that the untreated sewage shall not be discharged, either on land or into marine coastal areas, under any circumstance.
- f) The project proponent shall provide ETP, followed by Zero Liquid Discharge System, comprising of Reverse Osmosis Plant, as proposed, and shall arrange to utilize the permeate recovered in their industrial activity, and the reject shall be utilize for gardening / greenbelt development.
- g) The green belt shall be developed with tall local species like Palmyrah in consultation with Forest Department and exotic ornamental trees shall be avoided at any cost.
- h) The project proponent shall remit the taxes payable to the Corporation such as Building License Fee for the existing buildings, Vacant Land Tax and Property Tax, payable to Thoothukudi Corporation, as and when such Demands are made.
- i) The project proponent shall not 'use and throwaway' plastics such as plastic sheets used for food wrapping spreading on dining table etc., plastic plates, plastic coated tea cups, plastic tumbler, water pouches and packets, plastic straw, plastic carry bags and plastic flags irrespective of thickness, within the industry premises. Instead unit shall encourage use of eco friendly alternative such as banana leaf, areca nut palm plate, stainless steel glass, porcelain plates / cups, cloth bag, jute bag etc.,
- j) The project proponent shall undertake continual awareness programme against the use of 'use and throw' plastic items, within the premises and also at the community level, by erecting display boards depicting the environmental hazards of plastics,

alternates to plastics, etc., and by organising awareness rallies, exhibitions, street plays, eco-competitions etc., with the participation of NGC/Eco Club students of Government and Government aided schools through the NGC Educational district awareness co-ordinators of the Department of Environment.

- k) The Project Proponent shall ensure implementation of CSR and CER activities, separately, by distinct components, as per norms.
- l) The Project Proponent shall share the soft copy of the Risk Management Plan with the Members of the Authority.
- m) The Project Proponent shall facilitate the Industries Department in conducting the Tamil Nadu Global Investors Meet, 2019 successfully.

AGENDA ITEM NO.05. Inclusion of an additional product viz., at Liquid Storage Terminal at Biden Place in Chennai Port Limited proposed by M/s. Integrated Service Point Pvt. Ltd., Chennai

The Authority resolved to clear the proposal subject to the following specific conditions:

- a) Proper awareness should be created among the public who are residing within the buffer zone .
- b) Training and mock drills should be given to the employees and also to the public to handle emergencies/ accidents duly.
- c) There should not be any extraction of ground water in CRZ.
- d) The project activity should not affect the coastal ecosystem including marine flora and fauna.
- e) The construction of storage tanks shall satisfy the prescribed standard norms.
- f) Any further activity should be carried out in the above site, only with the prior approval of the competent authorities.
- g) The storage tanks should be used for the storage of edible oil and Non hazardous substances only as proposed.

- h) Appropriate facility should be created for the collection of solid and liquid waste, if any, and their safe disposal should be ensured at the storage location and as well as transit points.

AGENDA ITEM NO.06 Clearance under CRZ Notification 2011 for the Mahabalipuram Beach Resort Hotel Project at Madura Devaneri village, Mamallapuram, Thirukazhukundram Taluk, Kancheepuram District, Tamil Nadu by M/s Chandrakala Resort Hotel Limited, Chennai.

The Authority resolved to recommend the proposal to the Ministry of Environment, Forests and Climate Change, GoI., subject to the following specific conditions:

- a) The project proponent shall not draw any ground water in CRZ area, under any circumstance. Further the unit should procure fresh water from the authorized water supplier, approved by the Government/Government agencies or from the legally designated local bodies/TWAD or arrange to setup a mini desalination plant to meet their fresh water demand.
- b) Instead of dual plumbing system, the Project Proponent should provide Ultra Filtration in the STP.
- c) The green belt shall be developed with tall local species like Palmyrah/tropical ever green trees, in consultation with Forest Department and exotic ornamental trees shall be avoided at any cost. E.coli as an indicator may be measured time to time.
- d) The project proponent shall undertake continual awareness programme against the use of 'use and throw' plastic items, within the premises and also at the community level, by erecting display boards depicting the environmental hazards of plastics, alternates to plastics, etc., and by organising awareness rallies, exhibitions, street plays, eco-competitions etc., with the participation of NGC/Eco Club students of Government and Government aided schools through the NGC Educational district awareness co-ordinators of the Department of Environment.

AGENDA ITEM NO.07 : Re-laying of existing Neelankarai Beach Road adjoining the Survey No.83 in Division No.192, Zone 15 of Neelankarai village, Shozhinganallur Taluk, Kancheepuram district for the benefit of the local and general public proposed by the Greater Chennai Corporation for Clearance under CRZ Notification 2011.

The Authority resolved to clear the project subject to the following specific conditions:

- a) The proposed relaying of existing mud road of length 370- mts and width 6mts should not be increased and the alignment of the road shall not be changed.
- b) No vegetation shall be cleared off while relaying of the motorable road.
- c) The demolition of wastes generated during the relaying of the road shall used for internal back filling of the motorable road as committed.
- d) Dust generated during relaying of the road shall be mitigated by sprinkling of water.
- e) The relaying activity shall adhere to the ambient noise level standards.
- f) The relaying activity shall comply with the Construction and Demolition Waste Management Rules, 2016.
- g) There should not be any ground water extraction in the CRZ area.

AGENDA ITEM NO.08 Temporary Research laboratory for Marine antifouling research at Beach road, Karapad, Thoothukkudi proposed by the Director, Sacred Heart Marine Research Centre, Thoothukkudi

The Authority resolved to clear the Research activities, subject to the following specific conditions,

- a) The Project Proponent should make use of the already existing temporary structure and facilities and should not create additional or new facilities/structures.
- b) The Project Proponent should complete the research activities within 3 years from the date of the issue of Clearance.

- c) An affidavit to the effect that study samples with antifouling coating will not affect the prevailing marine flora and fauna shall be furnished to the Department of Environment.
- d) The details of coating composition used, which are received from the Foreign Company, should be furnished for record.
- e) The Data sharing policy within Exclusive Economic Zone (EEZ) with foreign Institution requires Clearance of Ministry of Defence. Hence the Project Proponent shall obtain the Clearance from the Ministry of Defence and furnish for record.

AGENDA ITEM NO.09 : Proposed regularization of a plot due to the sub-division of land falling in Plot No. 20, S.No. 99/9C8B1 of Muttukadu village, Thiruporur Panchayat Union, Tambaram Taluk, kancheepuram district proposed by Thiru Suren Prabhu, T.Nagar, Chennai.

The Authority resolved to clear the proposal subject to the following specific conditions:

- a) The proposed constructions, if any, in the project site, should conform to the provisions of CRZ Notification in force, at the time of construction.
- b) Planning permission should be obtained for the proposed constructions from the local authorities concerned.
- c) Proper arrangements should be made for the disposal of solid wastes generated in the project area.
- d) Adequate Rain Water Harvesting structures shall be created for water percolation and to harvest the rainwater to the maximum extent possible.

AGENDA ITEM NO.10 : Proposed sub-division of land falling in S.No. 223/3, T.S. No. 38, block no. 67 of Old Door No. 7, New Door No. 1, new Beach Road, Thiruvalluravar Nagar, Thiruvanmiyur, Chennai 600 041 proposed by Thiru Ashok Kumar Bisani and Tmt. Rashmi Bisani, Chennai

The Authority resolved to clear the proposal subject to the following specific conditions:

- a) The proposed constructions, if any, in the project site, should conform to the provisions of CRZ Notification in force, at the time of construction.
- b) Planning permission should be obtained for the proposed constructions from the local authorities concerned.
- c) Proper arrangements should be made for the disposal of solid wastes generated in the project area.
- d) Adequate Rain Water Harvesting structures shall be created for water percolation and to harvest the rainwater to the maximum extent possible.

AGENDA ITEM NO.11: Status report on the Coastal Zone Management Plan (CZMP) of Tamil Nadu as per the CRZ Notification, 2011

The Member Secretary explained to the Members of the Authority, about the CZMP of Tamil Nadu, prepared by the Department of Environment through the National Centre for Sustainable Coastal Management (NCSCM), Chennai, as per the provisions of the Coastal Regulation Zone (CRZ) Notification, 2011 and about the approval conveyed by the MoEF&CC, GoI, based on the recommendations of the National Coastal Zone Management Authority (NCZMA) vide letter F.No.12-8/2018-IA-III, dated 24.10.2018. Further the Member Secretary informed that the NCSCM has submitted the approved Coastal Zone Management Plan (CZMP) in 117 maps to the Department of Environment on 26.11.2018, after marked the Hazard line in the CZMP and the same has been uploaded in the Website of Department of Environment (<http://www.environment.tn.nic.in>) and ENVIS (<http://tnenvis.nic.in>) on 29.11.2018. Soft copy of the approved CZMP has been sent to all the 13 District Coastal Zone Management Authorities and the Stakeholder Departments for necessary action vide this office letters dated 30.11.2018.

In continuation the Member Secretary also informed to the Members of the Authority that the Department of Environment have already initiated action to prepare the local level CZMP as per the provisions of CRZ Notification 2011, in the village cadastral scale maps, through the Institute of Remote Sensing, Anna University, who is an authorised agency approved by the GoI.

AGENDA ITEM NO.12: Any other subject with the permission of the Chair.

Addl. Agenda Item No.12 (i) : Pipeline for Transfer of Edible Oils from Chennai Port to Storage terminal tank and establishment of storage Transit Terminal at Tondiarpet Village and Taluk, Chennai district and other associated facilities proposed by M/s. KTV Health Food Pvt. Ltd., Chennai - Clearance requested under Post facto clearance for permissible activities

The District Environmental Engineer, Tamil Nadu Pollution Control Board, Chennai District, who is also the Convenor for the District Coastal Zone Management Authority for Chennai District, has informed that no violation was observed, with reference to the CRZ Notification, 2011 except obtaining prior clearance for installation of tanks and laying of pipeline as per CRZ Notification, 2011 as amended, at the project area. Further, the District Environmental Engineer, TNPCB, Chennai District, has inspected the site on 07.12.2018 and stated that the unit was not under operation and the storage tanks and the pipeline laid / provided for the transfer of edible oil from Chennai Port to storage tanks were kept idle.

2) In view of above, the Authority resolved to recommend for the Post facto Clearance for the above Project to the MoEF&CC., GoI, with the above facts.

Addl. Agenda Item No.12 (ii) : Golf Course Project Tamil Nadu by M/s. Sporting Pastime India Limited at Odhiyur hamlet of Mudaliyarkuppam Village, Cheyyur Taluk, Kancheepuram District - To retain in CRZ-III

The Authority resolved to request the District Coastal Zone Management Authority of Kancheepuram District to furnish remarks on the request of the Project Proponent.

2) Further, the Authority resolved to refer the matter to the National Centre for Sustainable Coastal Management (NCSCM), to submit factual report, based on the latest satellite imagery and ground truthing, as prescribed in the CRZ Notification, 2011., for taking further action.

General:

During the meeting, it was pointed out that several beach resorts and hotels are in existence already, along the ECR between Chennai to Mamallapuram and also several projects are under construction. Hence it is emphasized, during the meeting, that a Comprehensive study shall be conducted, on the impact of the presence of the said hotels, beach resorts and other recreational/ tourism activities, on the coastal and marine ecosystem, flora and fauna between Chennai and Mamallapuram, so as to strengthen the monitoring system, developing proper mitigation measures, policy decisions based on the carrying capacity of the coast etc., and the Authority resolved to conduct the said study, through a reputed agency in the said field.

Sd./- xxxx
Dr. Jayanthi. M., I.F.S.,
Member Secretary, TNSCZMA &
Director, Dept. of Environment,
Chennai - 15.

Sd./- xxxx
Thiru Shambhu Kallollikar, I.A.S.,
Chairman, TNSCZMA and
Principal Secretary to Government,
Environment & Forests Dept., Chennai-9.