

## Annexure - 2

### Agenda Items for the ninth Goa-SEAC meeting held on 11<sup>th</sup> October 2012 at 10.30 a.m. in the GSPCB

#### 1. Applications forwarded by the O/o the GCZMA for appraisal under the EIA Notification, 2006

1	<p>Applicability of EIA Notification, 2006 for the projects related to <b>proposed development of barge repair yard in Survey No. 226/2 and 226/1 (Zorint) of Sancoale village in Mormugao taluka by M/s Fairway Barge Operator Pvt. Ltd., Vasco-da-Gama. (Capt. Ravi S. Peris)</b></p> <p><b>GCZMA / S / 12-13 / 582 dated 23<sup>rd</sup> August 2012</b></p> <p><i>(received on 24<sup>th</sup> August 2012)</i></p>	<p>As per the 'Schedule' annexed to the EIA Notification, 2006 (as amended up to 4<sup>th</sup> April 2011), such activity does not come under the purview of the said EIA Notification, 2006. However, it is required to obtain NOC from the GCZMA as per the CRZ Notification, 2011.</p> <p><b>GCZMA has submitted ONLY ONE HARD copy of the project proposal</b></p> <p>The applicant has NOT SUBMITTED the application to the GCZMA in the prescribed format as per CRZ Notification, 2011 as sought vide its letter dated 14<sup>th</sup> June 2012.</p>
2	<p>Applicability of EIA Notification, 2006 for the projects related to <b>proposed development of barge repair yard in Survey No. 319/1 (Rassaim) of Loutolim village in Salcete taluka by Mr. Hedwiz Carvalho (partner), M/s Valancani Marine Services, Vasco-da-Gama.</b></p> <p><b>GCZMA / S / 12-13 / 02 / 568 dated 10<sup>th</sup> August 2012</b></p> <p><i>(received on 24<sup>th</sup> August 2012)</i></p>	<p>As per the 'Schedule' annexed to the EIA Notification, 2006 (as amended up to 4<sup>th</sup> April 2011), such activity does not come under the purview of the said EIA Notification, 2006. However, it is required to obtain NOC from the GCZMA as per the CRZ Notification, 2011.</p> <p><b>GCZMA has submitted ONLY ONE HARD copy of the project proposal</b></p> <p>The applicant has SUBMITTED the application to the GCZMA in the prescribed format as per CRZ Notification, 2011 as sought vide its letter dated 14<sup>th</sup> June 2012</p>

<p>3</p>	<p>Applicability of EIA Notification, 2006 for the project related to <b>National Institute of Water Sports (NIWS) in Survey No. 7 &amp; 8, P.T. Sheet No. 175, 176 &amp; 184 (total plot area – 65,509 sq. mts. / 52,334 sq.mts.) at Caranzalem by MOFA Studios Pvt. Ltd., C-30, Lower Ground Floor, Kalkaji, New Delhi – 110 019.</b></p> <p><b>Mr. Manish Gulati – 9811738786 / 9873457857 (Architect)</b></p> <p><b>Mr. Anand Shah (Structural Engineer)</b></p> <p><b>GCZMA / N / 12-13 / 40 / 6168 dated 28<sup>th</sup> August 2012</b></p> <p><i>(received on 5<sup>th</sup> September 2012)</i></p>	<ol style="list-style-type: none"> <li>1. Transfer for ownership of land (Govt. revenue land to Dept. of Tourism, Govt. of India, New Delhi) has been effectuated vide “Order” dated 13<sup>th</sup> September 1991.</li> <li>2. (G + 1) structure, with height upto 8.35 mts., comprising of total built-up area = existing structure (532 sq.mts.) + proposed construction on ground structure (3,692.85 sq.mts.) + proposed construction on first floor (3,159.71 sq.mts.) = 6789.56 sq.mts.</li> </ol> <p>Aforesaid proposal, although being a construction project, does not come under the EIA Notification, 2006, as total built-up area proposed is less than 20,000 sq.mts.</p> <p>However, the proposal is required to be appraised under the CRZ Notification, 2011.</p> <p style="text-align: center;"><b>GCZMA has submitted ONLY ONE HARD copy of the project proposal</b></p> <p style="text-align: center;"><u>Goa-SEAC may like the Project Proponent (PP) to make a presentation of the proposed activity</u></p>
<p>4</p>	<p>Applicability of EIA Notification, 2006 for the <b>proposed construction of the existing Resort / Hotel in Survey No. 340/1, 353/5, 354/2, 355, 356/7 &amp; 8 of Anjuna village, Bardez taluka by M/s Diana Buildwell Ltd., Vagator Beach, Bardez, Goa.</b></p> <p><b>Mr. Milind Dhawan – 9594544544</b></p> <p><b>GCZMA / N / 12-13 / 14</b></p> <p><i>(received on 5<sup>th</sup> September 2012)</i></p>	<p>Earlier, the GCZMA has forwarded the said proposal wherein the Project Proponent (PP) had proposed total built-up area of 22,311.68 sq.mts. and Goa-SEAC had appraised the project as category ‘B’ under Class 8(a) as per the EIA Notification, 2006. The same was communicated to the GCZMA on 31<sup>st</sup> October 2011.</p> <p>Now, GCZMA has re-submitted the said proposal wherein the proponent has revised the proposed total built-up area as 19,800 sq.mts. As such, the proposed construction of Resort/Hotel does not come under the purview of the EIA Notification, 2006. <b>However, the Town and Country Planning (TCP) has commented on certain observations w.r.t. planning parameters on the basis of CRZ Notification, 2011.</b></p> <p style="text-align: center;"><b>GCZMA has submitted ONLY ONE HARD copy of the project proposal</b></p>

5	<p>Applicability of EIA Notification, 2006 for the <b>proposed construction of the ‘Key Beach Resort’ in Survey No. 56/1 and 55/5 of Velsao village, of Mormugao taluka of South Goa district by M/s Berggruen Hotels Pvt. Ltd., Span Center, 6<sup>th</sup> Floor, C-556, South Avenue, Santacruz (West), Mumbai – 400 054</b></p> <p style="text-align: center;"><b>GCZMA / S / 12-13 / 20</b></p> <p style="text-align: center;"><i>(received on 5<sup>th</sup> September 2012)</i></p> <p>Mr. Sanjay Sethi, M. D., and CEO – 022-67830100 e-mail – <a href="mailto:corporate@keyshotels.com">corporate@keyshotels.com</a></p>	<p>Total plot area – 22,725 sq.mts. (1.356 Ha.) Available area for construction – 5,170.85 sq.mts.</p> <p>The entire property is partly (13,414 sq.mts. along westward side) falling within 200 mts. from HTL and partly (8,960.5 sq.mts. along eastern side) in a zone between 200 – 500 mts. from the HTL.</p> <p>Such Beach Resorts projects falling within the CRZ zone (Green-field project) need to obtain NOC from the MoEF (i.e. NCZMA) on recommendation of the State Coastal Zone Management Authority concerned (i.e. GCZMA) as per CRZ Notification, 2011. <u>As such, PP may be requested to submit the latest HTL/200mt. and 500mt. CRZ demarcation on a Survey plan from the DSLR, Govt. of Goa.</u></p> <p>However, the GCZMA may like to ascertain the total built-up area proposed to be consumed while constructing the beach resort so as to appraise the “Construction Activity” as per the ‘Schedule’ annexed to the EIA Notification, 2006 (as amended up to 4<sup>th</sup> April 2011). As construction activity involving total built-up area less than 20,000 sq.mts. (<i>calculated as per MoEF communicated dated 2<sup>nd</sup> April 2012</i>) does not come under the purview of the said EIA Notification, 2006 and do not require prior EC.</p> <p style="text-align: center;"><b>GCZMA has submitted ONLY ONE HARD copy of the project proposal</b></p>
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## 2. New project proposals seeking prior EC as mandated under the EIA Notification, 2006

### A. PROPOSED CONSTRUCTION OF RESIDENTIAL PROJECT IN St. ANDRE-GOA VELHA BY M/s PALACIO PROPERTY DEVELOPERS PVT. LTD., PANAJI

Sr. No.	Project Proponent (PP) / Applicant	Proposed Activity	Site-specific location details	Project details / specification / salient features	Comments of the Goa-SEAC members / Current Status
1	<p>M/s Palacio Property Developers Pvt. Ltd., Gera Imperium – I, Patto Plaza, Panaji, Goa, 403 001</p> <p>Ph. 0832-4437781 Fax. – 0832-4437787 e-mail – <a href="mailto:sales@palacio.in">sales@palacio.in</a></p> <p>Mr. Vinay Bhasin - Director</p>	<p>Proposed Residential project comprising of 17 residential buildings with amenities – playground, swimming pool..</p> <p>256 flats comprising of - 1 BHK – 112 2 BHK – 52 3 BHK - 92</p> <p>Category 8 (a) – B Construction projects</p>	<p>Survey Nos. 181/(P), 181/2, 181/3, 181/5(P), 182/7, 183/9, 180/1(P), 180/2(P), and 184/3 of St. Andre – (Near Lobo Garage), Goa Velha village in Tiswadi taluka of North Goa district.</p>	<p>Total plot area – 41,240 sq. mt. Effective plot area – 30,640 sq. mts. Open area required – 4,596 sq. mts. Open space proposed – 4,750 sq. mts.</p> <p>Approved covered area – 4,427.48 sq. mts. Proposed covered area – 1,463.40 sq. mts. Total covered area – 5,980.88 sq. mts. (19.51%)</p> <p>Permissible FAR – 24,512 sq. mts. Approved FAR – 18,901.70 sq. mts. Proposed FAR – 5,569.20 sq. mts. Consumed FAR – 24,470.90 sq. mts.</p> <p>Total built-up area – 28,487 sq.mts.</p> <p>Expected total occupancy – 1,152 persons Parking proposed – 332 ECS</p> <p>Geo-technical soil investigation has been carried out to understand the foundation characteristics through M/s Safe Cores and Tests, Mumbai in June 2006 – by analyzing four (04) bore holes ranging in depth from 24 – 28 mts. Groundwater has been uniformly encountered at a depth of 1.5 mts. Chemical analysis of water indicate that it is aggressive to ‘concrete’ and corrosive to ‘reinforcement steel’.</p> <p>Water requirement – During Construction phase – 20 m<sup>3</sup>/day. During operational phase – 231.72 m<sup>3</sup>/day (74.15 m<sup>3</sup>/day through PWD supply, 94.65 m<sup>3</sup>/day through recycled water through STP). About 10 kgs./day of sludge will be generated which is proposed to be mixed with biodegradable waste and composted on-site.</p>	<ol style="list-style-type: none"> <li>1. It is understood that the proposed project is an “Expansion of the Residential Complex. – <i>CLARIFY and accordingly, submit the existing (built-up area consumed) and proposed developmental plan.</i> - <b>COMPLIED</b></li> <li>2. It is informed that part of the plot along the river is in Orchard zone and under CRZ – III. As such, the PP is requested to submit the latest survey plan along with NDZ demarcation from the DSLR in terms of CRZ Notification, 2011. (<i>Not in terms of CRZ Notification, 1991 as per GCZMA letter No. GCZMA / N / 12 / 1073 dated 10<sup>th</sup> October 2005</i>). - <b>CLARIFIED</b></li> <li>3. It is informed that some small existing structures have been demolished. As such, PP may clarify and submit their then-existing site-specific location vis-à-vis CRZ applicability. – <b>CLARIFIED / VERIFIED ON-SITE</b></li> <li>4. PP may furnish details pertaining to RWH initiatives with technical specifications proposed to be adapted - <b>COMPLIED</b></li> </ol>

				<p>Wastewater generated 134.78 m<sup>3</sup>/day to be treated through two STPs' of 70 KLD each for better operational / maintenance.</p> <p>Solid waste generated - 1-2 MT/day of debris (construction phase) to be utilized for land-filling, 340 kgs./day (operational phase) to be treated through OWC.</p> <p>Power requirement. – Construction phase – 20 HP Diesel generator. Operation phase – 1,600 KW, to be sourced from Goa Electricity Dept. Back-up power through two DG sets of 160 KVA capacity each.</p> <p>EMP has been submitted.</p>	
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3. As per the Hon'ble Supreme Court "Order" issued dated 27<sup>th</sup> February 2012 in a matter S. L. P. (c) No. 19628 – 19628 of 2009 between *Deepak Kumar & Others V/s State of Haryana & Others*, the lease of Minor minerals (Basalts, Sands, Laterite and River-pebbles) including their Renewal(s) be granted by the State (Directorate of Mines and Geology - DoMG) only after getting Environmental Clearance (EC) from the State Environment Impact Assessment Authority concerned (Goa – SEIAA) as mandated in the Environment Impact Assessment (EIA) Notification 2006 (as amended upto 4<sup>th</sup> April 2011). Accordingly, and as per Official Memorandum issued by the Ministry of Environment & Forests (MoEF), Govt. of India, dated 18<sup>th</sup> May 2012 mining projects of minor minerals with lease area upto 50 ha. comes under the purview of the said Notification and require EC for the same.

Accordingly, Goa-SEAC has received following proposals namely –

Sr. No.	Project Proponent (PP) / Applicant Environmental Consultant	Proposed Activity	Site-specific location details	Project details / specification / salient features	Comments of the Goa-SEAC members / Current Status (TO BE READ ALONG WITH (2) BELOW)
1	<p><b>Saopedro Stone Mine</b></p> <p>M/s. Sheilaja Vasudeva Tamba, (Vasudeva Tamba Meta Quarry) 9/10, Sushila Building, 18<sup>th</sup> June Road, Panaji, Goa – 403 001</p> <p>Ph. 0832 – 2225942 / 2221507</p> <p>e-mail – <a href="mailto:tambavasudeva@yahoo.com">tambavasudeva@yahoo.com</a></p>	<p>Basalt stone quarry No. 4/BA/07</p> <p>Category 1(a) - B</p>	<p>Survey No. 11/1, 2 &amp; 6 at St. Pedro, Village Panelim, Tiswadi taluka, North Goa district</p>	<p>Total Existing area – 80,000 sq. mts. Lease area – 1.62 ha. Proposed capacity – 7,500 M<sup>3</sup> per month</p> <p>Water requirement – 100 M<sup>3</sup> per day</p> <p>PP has proposed to install water treatment plant.</p> <p>PP has maintained the buffer of 5 mts. from the lease boundary prior to undertaking vertical excavation at 1:10 ratio (6 mts. drop at an angle of 60<sup>0</sup> considering the average overburden ranging from 40 – 48 mts.</p>	<p>1. Surface Plan enclosed indicate THREE LEASE DEEDS –</p> <p>(a) 3/Basalt/Murum/Laterite boulders/2005 (1.20 ha.)</p> <p>(b) 4/Basalt/2007 (1.62 ha.)</p> <p>(c) 5/BA/MU/1991 (2.98 ha.)</p> <p>2. This is a Small Scale Industry (SSI) unit registered with the DITC issued in 2008.</p> <p>3. The proposal is for RENEWAL of lease for the</p>

	<p>Environmental Appraisal Report (EAR)  M/s Sadekar Enviro Engineers Pvt. Ltd.,  310, Dempo Towers, EDC Patto, Panaji.  0832-2437048 / 2437164  e-mail – <a href="mailto:psadekar@yahoo.com">psadekar@yahoo.com</a>  <a href="mailto:sadekarenviro@rediffmail.com">sadekarenviro@rediffmail.com</a></p>			<p>Excavation/blasting, through non-electric shock tubes, is carried out through drilling of holes of 5 mts. depth – filled with 25 kgs. explosives upto 3 mts. – remaining is stemmed with mud. 10 such holes are blasted at a time to make metal aggregates of different sizes – ½”, ¾”, ¼” and crush sand.</p>	<p>existing quarry. From 2007-08 upto 2011-12, the firm has excavated about 88,837 M3 of Basalt. <b>Lease validity has expired on 13<sup>th</sup> June 2012.</b></p> <ol style="list-style-type: none"> <li>4. Consent to Operate the basalt quarry, issued by the GSPCB, is valid upto 14<sup>th</sup> June 2014. While explosive license issued by Ministry of Commerce and Industry (Petroleum and Explosives Safety Organization) is valid upto 31<sup>st</sup> March 2013.</li> <li>5. The PP may ascertain the status of NOC for withdrawal of groundwater to be issued by the WRD, as it was valid upto 31<sup>st</sup> May 2012 – <b><u>Applied for Renewal</u></b></li> <li>6. Geologically, the rock is not a ‘BASALT’ but termed as ‘METAGREYWACKE’.</li> <li>7. PP may indicate the maximum depth upto which it is proposing the excavation / minor mineral extraction? – <b><u>About 45 mts. below MSL</u></b></li> <li>8. The PP may ascertain the validity of the lease period – <b><u>30 years</u></b></li> <li>9. PP may like to ascertain the modus-operandi to address hill-slope instability across the excavated portion. – <b><u>Terrace management with plantation (verified on-site).</u></b></li> <li>10. Top soil should necessarily be stacked separately to be utilized subsequently for landscaping / gardening or other site-specific purposes – <b><u>Being complied</u></b></li> <li>11. What is a distance to the nearest settlement area – <b><u>about 500 mts. from the outermost lease boundary</u></b></li> </ol>
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Sr. No.	Project Proponent (PP) / Applicant Environmental Consultant	Proposed Activity	Site-specific location details	Project details / specification / salient features	Comments of the Goa-SEAC members / Current Status
2	<p><b>Saopedro Stone Mine</b> M/s Vasudeva Tamba Meta Quarry, 9/10, Sushila Building, 18<sup>th</sup> June Road, Panaji, Goa – 403 001</p> <p>Ph. 0832 – 2225942 / 2221507</p> <p>e-mail – <a href="mailto:tambavasudeva@yahoo.com">tambavasudeva@yahoo.com</a></p> <p>Environmental Appraisal Report (EAR) M/s Sadekar Enviro Engineers Pvt. Ltd., 310, Dempo Towers, EDC Patto, Panaji. 0832-2437048 / 2437164 e-mail – <a href="mailto:psadekar@yahoo.com">psadekar@yahoo.com</a> <a href="mailto:sadekarenviro@rediffmail.com">sadekarenviro@rediffmail.com</a></p>	<p>Basalt stone quarry No. 5/BA/MU/91 (2.98 ha.) – Basalt boulders : 35,000 m<sup>3</sup> per month and 3/Basalt/05 (1.20 ha.) – Basalt boulders : 7,500 m<sup>3</sup> per month</p> <p>Category 1(a) - B</p>	<p>Survey No. 11/1, 2 &amp; 6 at St. Pedro, Village Panelim, Tiswadi taluka, North Goa district</p>	<p>Total Existing area – 80,000 sq. mts. Total capacity – 42,500 M<sup>3</sup> per month (both the leases combined)</p> <p>Water requirement – M<sup>3</sup> per day</p> <p>PP has proposed to install water treatment plant.</p> <p>PP has maintained the buffer of 5 mts. from the lease boundary prior to undertaking vertical excavation at 1:10 ratio (6 mts. drop at an angle of 60<sup>0</sup> considering the average overburden ranging from 40 – 48 mts.</p> <p>Excavation/blasting, through non-electric shock tubes, is carried out through drilling of holes of 5 mts. depth – filled with 25 kgs. explosives upto 3 mts. – remaining is stemmed with mud. 10 such holes are blasted at a time to make metal aggregates of different sizes – ½”, ¾”, ¼” and crush sand.</p>	<ol style="list-style-type: none"> <li>1. It is proposed that about 5 lakh m<sup>3</sup> of top soil will be removed</li> <li>2. The proposal is for RENEWAL of two leases for the existing quarry. From 1965-66 upto 2011-12, the firm has excavated about 9,57,627.25m<sup>3</sup> of Basalt. <b>Lease validity (for 3/Basalt/05) has expired on 25<sup>th</sup> October 2010. While, for 5/BA/MU/91 has expired on 9<sup>th</sup> May 2011.</b></li> <li>3. Groundwater authority has permitted to draw water at the rate of 150 m<sup>3</sup> per day which is valid upto 31<sup>st</sup> May 2012. – <b><u>Applied for Renewal</u></b></li> <li>4. PP has license to possess explosives from Petroleum and Explosives Safety Organization (PESO) valid upto 31<sup>st</sup> March 2015.</li> <li>5. Consent to Operate the basalt quarry, (3/Basalt/05-7,500 m<sup>3</sup>/m) issued by the GSPCB, is valid upto 26<sup>th</sup> October 2014, while for quarry (5/BA/MU/91-35,000 m<sup>3</sup>/m) is valid upto 1<sup>st</sup> December 2014. Further, Consent for increased production by 100 m<sup>3</sup>/day for Air is valid upto 3<sup>rd</sup> July 2012 and for Water upto 15<sup>th</sup> May 2013.</li> </ol>

**4. Proposal seeking approval for Terms of Reference (TORs') to conduct Rapid EIA (one season study) study for construction of a Captive Jetty by M/s Adventz – Zuari Holdings Ltd., Zuarinagar.**

Sr. No.	Project Proponent (PP) / Applicant	Proposed Activity	Site-specific location details	Project details / specification / salient features	Additional Terms of References proposed
1	<p>Adventz Group of Companies M/s Zuari Holdings Ltd., Jaikisaan Bhavan, Zuarinagar, Goa – 403 726 Ph. 0832-2592180 / 2592181 Fax – 0832-2555279</p> <p><b>Mr. A. A. Pacheco,</b> Head, Projects &amp; Technical Services</p> <p>The EIA is proposed to be conducted by –</p> <p>M/s BMT Consultants (India) Pvt. Ltd., 310, Sarthik Square, S.G. Highway, Ahmedabad, 380 054</p> <p>Mr. Rajat Roy Chaudhury / Darpan Jethi, Asst. Director</p> <p>Sajith Sreedharan (Dy. M.D.) / Suren Vakil (M. D.)</p> <p>Address for correspondence : Mr. Elias R. Vaz, Sr. Manager, Jai Kissan Bhavan, Zuarinagar, 403 726 e-mail – <a href="mailto:er.vaz@zuari.adventz">er.vaz@zuari.adventz</a></p>	<p>Construction of Captive Jetty.</p> <p>As the cargo handling capacity is 2.81 MTPA (i.e. less than 5 MTPA), the proposed activity is classified as category 'B' project under class 7(e) as per Schedule annexed to EIA Notification, 2006.</p> <p>Captive jetty involves construction of –</p> <ol style="list-style-type: none"> <li>1. Berth (02 nos.) – 220 m long X 25 mt. wide</li> <li>2. Approach trestle – 605 mt. long X 9 mt. wide</li> <li>3. Breakwater – 1,800 mt.</li> <li>4. Dredging</li> <li>5. Pipelines – two sets of 3,000 mt. long each</li> <li>6. Conveyor – one set of 3,000 mt. long</li> </ol>	<p>Along Cola bay at Santarem point in survey no. 13, Chicolna village, Mormugao taluka of South Goa district within the vicinity of Zuarinagar plant at Sancoale and also within port limits of MPT.</p> <p>Other two sites evaluated are – (a) Zuari estuary – uneconomic capital and extensive maintenance dredging, densely-populated area and (b) Cola bay – shallow water depths, affect the tourism potentiality.</p>	<ol style="list-style-type: none"> <li>1. Raw materials proposed to be handle – liquid ammonia (60,000 tpa), phosphoric acid (5,80,000 tpa), muriate of potash (2,40,000 tpa), urea (10,000 tpa), NP/NPK fertilizers (5,00,000 tpa) and white oil (4,30,000 tpa) imported through MPT berth nos. 8, 10 and 11.</li> <li>2. These raw materials are transported to the plant (Zuari Holdings Ltd., - ZHL) by trucks / tankers through a road network passing through populated areas.</li> <li>3. The cumulative annual production of fertilizers in year 2010-11 was 0.8 MTPA.</li> <li>4. EC for debottlenecking and revamping activities upto 1.5 MTPA has been accorded by the MoEF in September 2009. EIA was undertaken by the NEERI, Nagpur.</li> <li>5. The proposed construction of a captive jetty would –             <ol style="list-style-type: none"> <li>(a) Reduce raw material logistics costs</li> <li>(b) Minimize traffic congestion</li> <li>(c) Avoid transportation through populated areas / risk minimization.</li> <li>(d) Enable discontinuance of import of raw materials through MPT berths.</li> </ol>             handle / import about 28,10,000 TPA (i.e. 2.8 MTPA) of sea-borne traffic comprising of (i) liquid ammonia, (ii) phosphoric acid, (iii) muriate of potash, (iv) urea, (v) NP/NPK fertilizers and (vi) white oil.           </li> <li>6. The proposed site / activity, being within CRZ-III zone, come under the purview of the CRZ Notification, 2011 and would require NOC from the Goa Coastal Zone Management Authority (GCZMA).</li> </ol>	<ol style="list-style-type: none"> <li>a. What is the necessity of construction of a breakwater? In what way it would aid logistics upgradation?</li> <li>b. What is the maximum depth for the proposed capital dredging of about 44,000 m<sup>3</sup> and utilization of the dredged material?</li> <li>c. PP should necessarily carry out bathymetric survey so as to understand the bottom topography vis-à-vis pattern for sediment movement / hydrodynamics in the bay region.</li> <li>d. What is a modus operandi to treat and/or dispose-off Ballast water?</li> <li>e. EIA report should address remedial measures to be adopted on-site / off-site in case of accidental release / pipeline rupture / improper handling?</li> </ol>

5. Any other matter with the permission of the Chair