Ref No: ADMSC/MPT-31/10-15/62-R

To,
The Deputy Conservator
Marine department
Mormugao Port Trust
Headland, Sada, Goa.

Dear Sir,

SUB:— UNDERWATER INSPECTION OF SUNKEN VESSEL “MOTHER PEARL”
AT INNER ANCHORAGE, MORMUGAO HARBOUR GOA.

As per instruction of your goodself we had carried out underwater inspection of wreckage of capsized vessel “Mother Pearl” inside harbor at inner anchorage Mormugao Harbour Goa on 11th Oct. and 12th Oct. 2015. The detailed report is as follows:

<table>
<thead>
<tr>
<th>Location</th>
<th>Opposite to Mooring Dolphin No. 4, Inner Anchorage, Mormugao Harbour, Goa.</th>
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</thead>
<tbody>
<tr>
<td>Latitude / Longitude</td>
<td>15° 25'.60 N / 73° 48'.75 E</td>
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<tr>
<td>Water Depth</td>
<td>08 mtr's on 11-10-2015 at 0930 hrs.</td>
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<tr>
<td>Wreck vertical height</td>
<td>08.40 mtr's. maximum</td>
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<td>Total area of wreck</td>
<td>90 mtr's X 18 mtr's approximately.</td>
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<tr>
<td>Sea bed condition</td>
<td>Sandy area</td>
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Observation:
Divers inspected the wreck area of capsized vessel “Mother Pearl”. The wrecks are seems to be approx. 20 years old in the vicinity. The vessel is MS built and length of the vessel is 88 mtr's, breadth 10 to 14 mtr's approx. and maximum vertical height of wreck is 08.40 mtr's. As the vessel is capsized the bottom portion is on top with bilge keel visible on the sides. A piece of 50 mtr's x 5 mtr's approx. was found missing from center of Stbd. side area as it must be removed by underwater cutting and also some plates are thinned down due to rust and irregular in shape. The stbd. side area plates were mainly found to be in irregular shapes. The port side of the vessel is resting on sandy sea bed and the Stbd. side is 2 to 3 mtr's above the sea bed. The forward anchor chain is lying on the sea bed. In the aft area propeller was missing and only it’s shaft was projecting out upto 80 cm. Rudder of size 4mtr X 2 mtr was found intact. Marine growth noticed around the wreck area.

Suggestion: The wreckages of the sunken vessel can be removed only by underwater cutting and floating crane barge to lift it.

A rough sketch of wrecks has also been attached for your reference.

Thanking you and assuring our best services at all times.

Yours faithfully,
For Aquatic Diving & Marine Services Co.

(A.K. RAI)

Enclosed: Sketch of wreck.
At Sea Bed
Port Side Vestigial
Bottom Portion On Top

STBD Side 2m to 3m Above Sea Bed

BFE/WH - 10.4-0.4 ft
LONG - 88 W
WEIGHT HEIGHT - 8.4 MTR
ON 11-10-2015
WATER LEVEL 8 MTR. AFT 9.30 AM

LAT - 15° 25.6 N
LONG - 13° 23.8 E