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Aquatic Diving & Marine Services Company

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

EX. TOWER,
OPP. M.P.T. INSTITUTE
SWATANTRA PATH,
VASCO-DA-GAMA,
GOA - 403 802.

Date: 15/10/2015

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 :

Location	Opposite to Mooring Dolphin No. 4 , Inner Anchorage , Mormugao Harbour , Goa.
Latitude / Longitude	15° 25' .60 N / 73° 48' .75 E
Water Depth	08 mtrs on 11-10-2015 at 0930 hrs.
Wreck vertical height	08.40 mtrs. maximum
Total area of wreck	90 mtrs X 18 mtrs approximately.
Sea bed condition	Sandy area .

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 mtrs , breadth 10 to 14 mtrs approx. and maximum vertical height of wreck is 08.40 mtrs. As the vessel is capsized the bottom portion is on top with bilge keel visible on the sides. A piece of 50 mtrs x 5 mtrs 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 mtrs 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
Class approved by IRS, ABS, BV, LRS, NKK, G.L.

DONA PAULA

"MOTHER PEARL"
LAT → 15° 25' 60" N
LON → 73° 48' 75" E

WATER LEVEL 8 MTR. AT 9:30 AM
ON 11.10.2015
WRECK HEIGHT 8.4 MTR.
LENGTH - 88 MTR.
BREADTH - 10 to 14 MTR.

