



MV “REM MIRA”

SHIP DESIGN	HAVYARD 832 L
CLASSIFICATION	Lloyd's Register
BUILDER	HAVYARD SHIP TECHNOLOGY AS, HULL NO 110
PORT OF REGISTRY	LIMASSOL
FLAG	CYPRUS
MMSI	212896000
IMO / ON NUMBER	9653989
DELIVERY	18 th of OCTOBER 2012
CALL SIGN	5BUY6

OWNER:	REM MARITIME AS	MANAGER:	REM MARITIME AS
			Identification Number: 5946747
REGISTERD OWNER:	REM PSV AS		Holmefjordvegen 8,
	Unique IMO No: 5681703		6090 Fosnavåg
	Holmefjordvegen 8,		Norway
	6090 Fosnavag		

MAIN DIMENSIONS

Length O.A	86,00 M
Length P.P	74.40 M
Breadth	17,60 M
Max Draft	6,369 M
Depth	7.70 M
Gross Tonnage	3361 T
Net Tonnage	1361 T
Deadweight	3839 T
Lightweight	2647 T

CLASS NOTATIONS

100A1 Offshore Supply Vessel, Oil Recovery, *IWS
LMC, UMS, DP(AA) IBS, NAV1, CAC3



OUTLINE SPECIFICATION

MACHINERY AND PROPELLER PLANTS

Main Engines/Generators:	4 x 1560 kw CAT 3512
Emergency Generator:	1 x 100 kw Caterpillar
Main Propulsion:	2 x 1600Kw Schottel
FWD Tunnel Thrusters:	3 x 880 kw Brunvoll CPP

CARGO CAPACITIES

Deck Cargo:	2 500 Tons
Deck Area:	901 m ² 60.9 m x 14.4 m free space
Deck Strength:	5 Tons/m ²
Fuel Oil:	1022 m ³ , in 19 tanks
Liquid Mud (SG 2.8):	1174 m ³ , in 10 combi tanks
Agitators:	Fitted in 8 mud tanks
Brine (SG 2.5):	1392 m ³ , in 13 combi tanks
Base Oil:	144 m ³ , in 2 tank
Pot Water:	889 m ³ , in 8 tanks
Drill Water / Ballast:	2340 m ³ , in 22 tanks
Methanol:	153 m ³ , in 2 tanks
Glycol:	143 m ³ , in 2 tanks
Slop:	no dedicated slop tank
Cement / Barite / Bentonite:	347 m ³ , in 5 tanks
ORO:	1900 m ³ (NOFO 2009)

DISCHARGE RATE

Fuel oil:	2 x 200 m ³ /hour @ 9 bar
Liquid Mud (SG 2.8):	2 x 100 m ³ /hour @ 24/11 bar
Brine (SG 2.5):	2 x 100 m ³ /hour @ 24/11 bar
Base Oil:	1 x 100 m ³ /hour @ 9 bar
Pot Water:	2 x 200 m ³ /hour @ 9 bar
Drill Water / Ballast:	2 x 200 m ³ /hour @ 9 bar
Methanol:	2 x 75 m ³ /hour @ 9 bar
Glycol:	2 x 75 m ³ /hour @ 9 bar
Cement / Barite / Bentonite:	2 x 60 m ³ /min @ 5,3 bar

ENVIRONMENT AND CARGO CONTROL PLANTS

Incinerator:	Prepared for.
Tank Cleaning:	Per Gjerdrum AS
Special Cargo Tanks:	Zink coated for Methanol
Inert Gas System:	N2 Generator
Cargo Manifolds:	Midships SB&PS and Aft

NAVIGATION

Bridge Consoles:	Aft, Fwd. and both Wings
Operation Control Office:	Located on Bridge
Autopilot:	Anschutz Pilotstar D
DP System:	Kongsberg K Master DP 2
Joystick System:	Kongsberg C-Joy Constant
DP Motion System 1:	2 x Sea Tex MRU 2
DP Motion System 1:	1 x Sea Tex MRU 5
DGPS:	2 x Furuno GP 150
DGPS for DP system:	1 x DPS 200 & 1 x DPS 232 (Kongsberg)
CyScan for DP System:	1 x CyScan Laser
RadaScan:	1x RadaScan Console
Wind Sensor:	3 x Kongsberg Maritime
Radar 1:	Furuno FAR 2137 S
Radar 2:	Furuno FAR 2117
Echo Sounder:	Furuno FE 700
Gyro:	2 x Anschutz STD 22, 1 x Simrad GC80
Speed Repeater:	Furuno
VDR:	Furuno VR 3000
GPS:	2 x Furuno GP 150
Bridge Watch:	Havyard Bridge Automation System
ECDIS:	Furuno Tecdis T – 2138A
Speed log:	Furuno DS-80

SPEED AND FUEL CONSUMPTION

Full speed:	14.5 knots 19,0 m ³ / 24 hours
Service speed:	12.5 knots 13,5 m ³ / 24 hours
Economic speed:	11.0 knots 11.5 m ³ / 24 hours
DP operation:	4,7 m ³ / 24 hours at position keeping
Harbor mode:	1.9 m ³ / 24 hours

CARGO HANDLING EQUIPMENT

2 x TTS Marine GPK knuckle crane, SWL 3 tons/12 meter
2 x 10 t Capstans aft
1 x 10t Capstan on B deck
6 x Cargo Securing Winches, 3 on each side
2 x Tugger Winch, 10 ton Port and 15 ton SB

LIFE SAVING EQUIPMENT

Ship Certificate:	25 persons
Life Rafts:	4 x 25 persons
MOB:	1 x Mare GTC 700-2VD Redundant
MOB Davit:	1 x Aukra Marine AMD 3700
Survival Suits:	33 SOLAS Immersion Suits

COMMUNICATION

Navtex:	JRC – NCR 333
Radar Transponder:	2 x Jotron Tron SART
DSC Terminal:	Sailor 6301
AIS:	Furuno FA 150
EPIRB manual:	Jotron 45 SX
EPIRB Free Float:	Jotron Tron 40 S Mk II
Radio Station:	SSB, MF, HF, Sailor 6301
VHF Portable:	3 x Jotron Tron TR 20 GMDSS
VHF Station:	2x Sailor 6248 VHF & 2x Sailor 6222 VHF DSC
UHF Portable:	5 x Motorola GP 340
Inmarsat C:	Sailor 6006
Intercom:	Steenhans CTB 10
Sound System:	Vingtor VSS 111
Emergency:	Vingtor VSP 211 L
PA System:	Steenhans CTB 10
Satellite Communication:	SEVSAT 4003-4006
Mobile Phone:	+47 23674060/61
FBB (back up only)	+870 773308407
Vessel E-mail:	bridge@mira.remoffshore.no

ACCOMMODATION

Outfitted for 25 persons in spacious and comfortable facilities	
Single Cabins:	9 with bathrooms
Double Cabins:	4 with bathrooms
4 person Cabins:	2 with bathrooms
Hospital:	1 highest standard
Office:	1 fully outfitted
Day Room:	1 comfortable outfitted
Gymnasium:	2 fully outfitted
Entertainment:	In Day Rooms and all Cabins
Antiroll Tank:	Three off anti-roll stabilizing tanks