M/V Rem Cetus

SHIP DESIGN		VS 485 MK III PSV	
CLASSIFICATION		Lloyd's Register	
BUILDER		FJELLSTRAND AS, no 1687	
IMO NUMBER		**9644342**	
PORT OF REGISTRY		LIMASSOL	
FLAG		CYPRUS	
MMSI		**212893000**	
DELIVERY		Feb.2013	
CALL SIGN		**5BUZ6**	
OWNER:	REM PSV AS 8 Holmefjordvegen Fosnavaag 6090 NORWAY	**MANAGER:**	REM MARITIME AS 8 Holmefjordvegen Fosnavaag 6090 NORWAY

MAIN DIMENSIONS		**CLASS NOTATIONS**
Length O.A	85,60 M	***Lloyd's Register :100A1 Offshore Supply Vessel, Oil Recovery, ShipRight ACS(B), *IWS; ¦LMC, UMS, DP(AA) IBS, NAV1, CAC3;*** ***Descriptive Note: Ice strengthened (BV 1D), ShipRight (BWMP(T)), IHM-EU+)***
Length P.P	77,70 M	
Breadth	19,98 M	
Max/Summer Draft	7,141 M	
Gross Tonnage	4552 T	
Net Tonnage	1839 T	
Deadweight	5476 T	Option: Stand-by Vessel (S) NMD Rescue , FiFi I, Deice C
Lightweight	3194.95 T	

Rem Maritime AS
8 Holmefjordvegen Fosnavaag 6090 NORWAY
Phone: +47 70 08 21 00
e-mail: post@remoffshore.no
web: www.remoffshore.no

OUTLINE SPECIFICATION

MACHINERY AND PROPELLER PLANTS

Main Engines/Generators:	4 x Wartsila 9L20 1665kw
Emergency Generator:	1 x Volvo Penta 175 kW
Main Propulsion, fixed pitch:	2 x Steerprop propellers 2300 kW
FWD Azimuth:	1 x Brunvoll 880 kW
FWD Tunnel Thrusters:	2 x Brunvoll 1000 kW

CARGO CAPACITIES NOFO 2009

Deck Cargo:	2800 Tons
Deck Area:	1004 m2
	59,8 m x 16,8m free space
Deck Strength:	10 Tons/m2
Fuel Oil (MGO):	897 m3,
Liquid Mud (SG 2.8):	695 m3, Agitators in all tanks
Brine (SG 2.5):	418 m3,
Base Oil:	203 m3, (Cargo tanks for CTV MGO)
Pot Water:	1050 m3,
Drill Water/Ballast:	2234.6 m3,
Special Product:	2 x 146 m3,
Slop:	2 x 90 m3
ORO:	1808
Cement/Barite/Bentonite:	330 m3

ENVIRONMENT AND CARGO CONTROL PLANTS

Incinerator:	Ulmatec Pyro
Cement plant:	Van Aalst
All pumps:	Ing. Per Gjerdrum
Electrical Boiler:	Parat Halvorsen AS
Equipment on deck:	Norwegian Deck Mach AS
Tank Cleaning:	Per Gjerdrum AS
Special Cargo Tanks:	Stainless Steel Tanks for Methanol
Inert Gas System:	Wilhelmsen N2 Generator
Cargo Manifolds:	Midship SB&PS and Aft, all after GOMO recommendation
Gas Sampling System:	MSA

NAVIGATION

DP System:	Kongsberg K Pos DP 2
Joystick System:	Kongsberg C-Joy Constant
DP Motion System:	3 x Sea Tex MRU 2
DGPS:	2 x Kongsberg Seatex DPS 200
Cyscan:	Lazer Mk 4 (+ 2 reflect. Cylinders on board)
RadaScan:	Mini RadaScan System (No Responder on board)
Radius	RADius 1000 Interrogator & 700X Transponder
Wind Sensor:	2 x Kongsberg Maritime
Bridge Consoles:	Steinsvik Aft, Fwd and both Wings
Operation Control Office:	Located on Bridge
Autopilot:	Simrad AP 70 AP 50
Radar 1:	Furuno FAR 2137S 1 x 10 cm/ S band
Radar 2:	Furuno FAR 2127 1 x 3 cm/ X band
Echo Sounder:	Furuno FE 700
Gyro:	3 x Simrad GC 80
Speed Repeater:	Skipper IR 300
Speed log:	Skipper EML 224
VDR:	Furuno VR 3010
GPS:	2 x Furuno GP 150
Bridge Watch:	VICO system NAUT/OSV
ECDIS:	Furuno Tecdis T - 2137

SPEED AND FUEL CONSUMPTION

Full speed:	15,0 knots 19,8 mt/24hrs
Service speed:	12,5 knots 10,0 mt/24 hrs
Economic speed:	11,0 knots 8,5 mt/24 hrs
DP operation:	5,3 mt/24 hrs at position keeping 1,6m Hs
St-by at field:	2,9 mt/24 hrs at one engine
Harbor mode:	2,0 mt/24 hrs

CARGO SECURING EQUIPMENT

6 x Norwegian Deck Mach AS, cargo securing winches - SWL 3t.
2 x Norwegian Deck Mach AS, Tugger Winches - SWL15t.

MOORING EQUIPMENT & ANCHORS

1 x Cargotec knuckle crane, SWL 3 tons/15 meter
2 x Norwegian Deck Mach AS, 10 t capstans aft
1 x Norwegian Deck Mach AS, 10t capstan

LIFE SAVING EQUIPMENT

Ship Certificate:	25 persons
Life Rafts:	4x 25 persons, (2 on each side)
MOB boat:	Norsafe Rescue (28 ft.) for min 10 pers.
MOB Davit:	Cargotec SOLAS approved
Survival Suits:	3 x Full dry insulated Survival suits according to rules

COMMUNICATION

Navtex:	Furuno NX-700 B
Radar Transponder:	2 x Jotron Tron SART20
DSC Terminal:	Furuno FS-2575 C
AIS:	Furuno FA 150
EPIRB manual:	Jotron Tron 60S Jotron 45 SX
EPIRB Free Float:	Jotron Tron 60S Jotron Tron 40 S MkII
Radio Station:	SSB, MF, HF, Furuno FS-2575 C
VHF Portable GMDSS	3 x Jotron Tron TR 20 GMDSS
VHF Station:	Furuno FM-8900 S
UHF Portable:	11 x Motorola GP 340
VHF Portable:	4 x Motorola GP 340
Inmarsat C:	Furuno Felcom 15 Inm C No2: 431101696(LRIT)
Intercom:	Zenitel ACM 144 66/VO
Sound System:	Vingtor VSS 111
Emergency:	Vingtor VSP 211 L
PA System:	Zenitel VPA 120, 240 and 400
Satellite Communication:	SEVSAT 4003-4006 SEVSAT 1: +4724037826 SEVSAT 2: +4724037827 UK Mobile : +447594089594 Inmarsat FBB: +870773308406
Vessel E-mail:	captain@cetus.remoffshore.no bridge@cetus.remoffshore.no

ACCOMMODATION

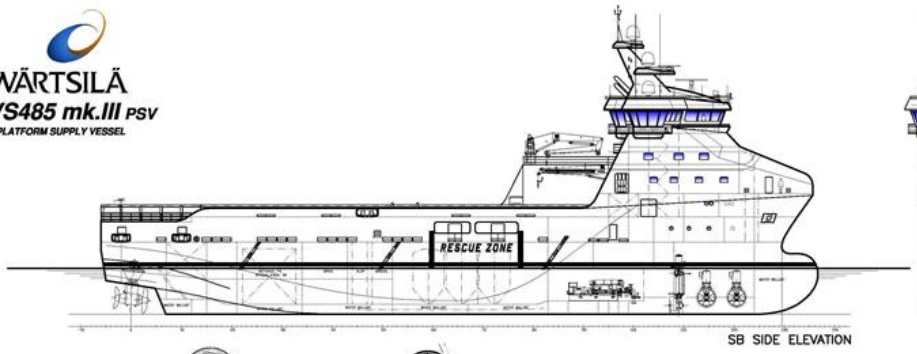
Outfitted for 25 persons in spacious and comfortable facilities

Single Cabins:	12 with bathrooms
Double Cabins:	5 with bathrooms
Hospital:	1 Highest standard
Office:	1 fully outfitted
Day Room:	2 comfortable outfitted
Gymnasium:	1 fully outfitted
Entertainment:	In Day Rooms and all Cabins
Antiroll Tank:	1 x Tank aft below 1st deck. 1 x Tank between A- and B-deck.

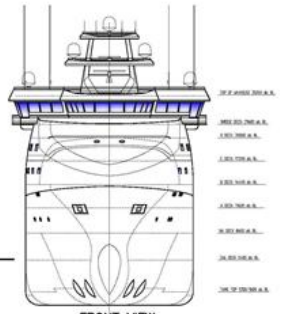
WÄRTSILÄ

VS485 mk.III PSV

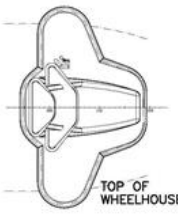
PLATFORM SUPPLY VESSEL



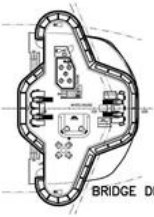
SB SIDE ELEVATION



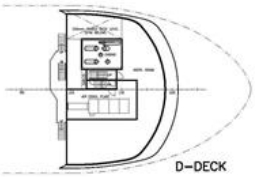
FRONT VIEW



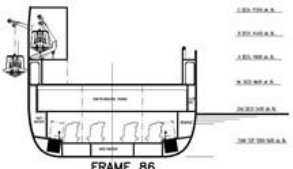
TOP OF WHEELHOUSE



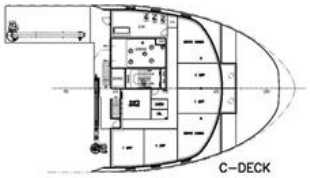
BRIDGE DECK



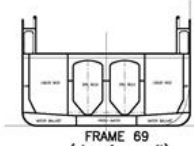
D–DECK



FRAME 86
(view from aft)



C–DECK



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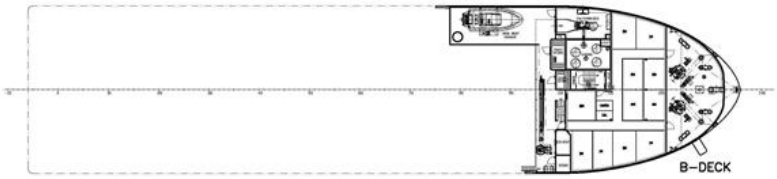
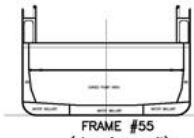


B–DECK



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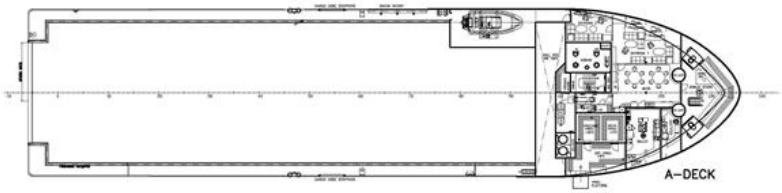
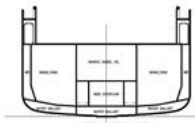


A–DECK



FRAME 38
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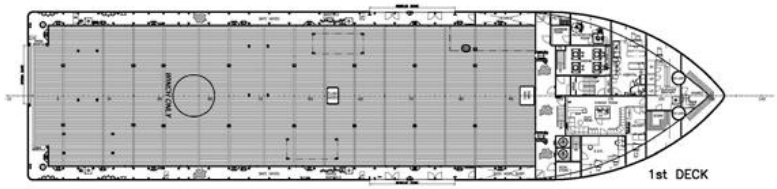
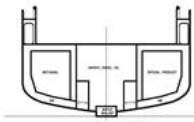


1st DECK



FRAME 28
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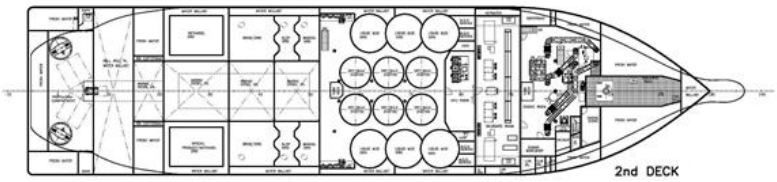
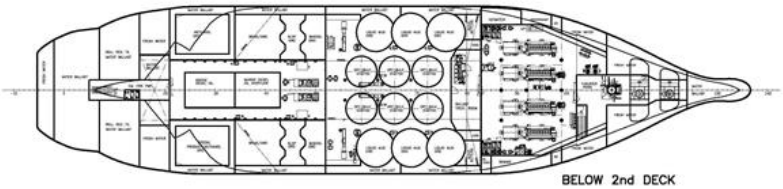


2nd DECK

CABIN PLAN

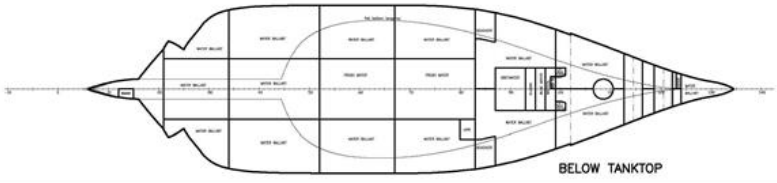
	In 1Man Cabins	In 2Man Cabins	TOTAL CABINS
C–DECK:	6pers	–	6cabins
B–DECK:	6pers	10pers	11cabins
TOTALS:	12pers	10pers	22pers



BELOW 2nd DECK

PRINCIPAL PARTICULARS:

LENGTH O.A. (INCL. BULB):	85.60 m
LENGTH BETW. PERP.:	77.70 m
BREADTH:	20.00 m
DEPTH TO 1st DECK:	8.60 m
DEPTH TO 2nd DECK:	5.40 m
DECK AREA:	1000 m2
FRAME SPACING:	600 mm



BELOW TANKTOP

PLATFORM SUPPLY VESSEL
VS485 PSV mk.III

GENERAL ARRANGEMENT

1:200 | 101

WÄRTSILÄ | 4436 | 101–001 | 1/1

Rem Maritime AS
8 Holmefjordvegen Fosnavaag 6090 NORWAY
Phone: +47 70 08 21 00
e-mail: post@remoffshore.no
web: www.remoffshore.no