

MV "REM FORTRESS"

SHIP DESIGN
CLASSIFICATION
BUILDER
PORT OF REGISTRY
FLAG
MMSI
IMO NUMBER
DELIVERY

STX PSV 06 CD
DNV GL
STX Norway Brevik
LIMASSOL
CYPRUS
209455000
9482342
2011

OWNER:
REGISTERED OWNER:

Rem Offshore AS
Rem Service AS

MANAGER:

Rem Maritime AS
N-6090 Fosnavåg

MAIN DIMENSIONS

LENGTH O.A 94.9m
LENGTH P.P 84.9m
BREADTH 20.0m
MAX DRAFT 6.531m
GROSS TONNAGE 4,518mt
NET TONNAGE 1,869mt
DEADWEIGHT 5,185mt
LIGHTWEIGHT 3153mt

CLASS NOTATIONS

DNV ✕ 1A1, SF, LFL⁺, E0, DYNPOS-AUTR(IMO DP II), DK(+), HL(2.8), CLEAN DESIGN, COMF-V(3), NAUT OSV(A)
ERN 99.99.95.92



Photo by Capt. Emil Ganchev



OUTLINE SPECIFICATION

MACHINERY AND PROPELLER PLANTS

Main Engines:	4x 2,188 kW Cat. 3516C
Emergency Generator:	1x 195 kW John Deere
Main Propulsion:	2x 2,200 kW RRM Aquam. Contaz 15
Azimuth:	1x RRM TCNS-73/FP-180 880kW
Bow tunnel thruster:	2x RRM TT 2200 880kW

CARGO CAPACITIES*

Deck Cargo:	3210 mt
Deck Area:	1100 m ²
Deck Strength:	10 mt/ m ²
Fuel Oil:	1090 m ³
Liquid Mud:	1504 m ³
Brine x:	1504 m ³
Brine z:	1504 m ³
Dry bulk:	412 m ³

Fresh Water:	681m ³
Water Ballast:	2760m ³
Drill Water:	2760m ³
Methanol/ Special Product:	207m ³
Base Oil:	544m ³

ENVIRONMENT AND CARGO CONTROL PLANTS

Incinerator:	Delta marine Incinerator, IRLA-30
Dry Bulk Plant:	Randaberg Industries AS/ Atlas Copco
All pumps:	Ing. Per Gjerdrum AS
Hot water Boiler:	Pyro AS
Equipment on deck:	ODIM Brattvaag AS
Tank Cleaning:	Ing. Per Gjerdrum AS
Special Cargo Tanks:	Stainless Steel Tanks for Methanol
Inert Gas System:	Wilhelmsen Ships Equipment
Cargo Manifolds:	Midship SB and PS, Aft SB and PS

NAVIGATION

DP System:	Kongsberg K Pos DP 21
Joystick System:	Kongsberg DP Cjoy
DP Motion System:	2 x Seatex MRU-D
Fanbeam:	1x MDL Laser MK 5
RADius:	2 x Interrogators RADius 1002
DGPS:	1x DPS 132, 1x DPS 232
Wind Gauge:	2x WindObserver II Ultrasonic
Radar 1:	1x Furuno S-band FAR 2837S
Radar 2:	1x Furuno X-band FAR-3000
Echo Sounder:	Furuno FE 700
Gyro:	3x Anschutz ST 22
VDR:	Furuno VDR - 3016
GPS:	2x Furuno GP 150
ECDIS:	2x Tecdis T-2138A
Autopilot:	1 x Anschutz Pilotstar D

INDICATIVE SPEED & FUEL CONSUMPTION

Full (Service) speed:	13,5 knots, 28.8 m ³ /d
Economic speed:	11.0 knots, 12,5 m ³ /d
DP operation:	7.0 m ³ /d at position keeping
St-by at field:	2.9 m ³ /d at one engine
Harbour mode:	1.9 m ³ /d

CARGO HANDLING EQUIPMENT

1x kn. Boom crane SB Hydramarine	SWL 3 mt/ 10m
1x kn. Boom crane PS Hydramarine	SWL 2 mt/ 10m
Mooring Winch	2x 10 mt
Windlass	2x 16,5 mt
Capstan	N/A
Tugger Winch PS/ SB	2x 10 mt
Cargo securing	11 x Rollers

LIFE SAVING EQUIPMENT

Ship Certificate:	25 persons
Life Rafts:	4 x 25 pax
MOB boat:	Norsafe Midget 500 mx, 6 pax
MOB Davit:	TTS Marine
Survival Suits:	3x Anti-Exposure suits 29 Survival suits

COMMUNICATION

Navtex:	Furuno NX- 700
Radar Transponder:	2x Jotron Tron SART 20
DSC Terminal:	Sailor RT6222
AIS:	Furuno FA 150
EPIRB manual:	Jotron Tron 60 S/GPS
EPIRB Free Float:	Jotron Tron 60 S/GPS
Radio Station:	Sailor 6301 SSB, MF
VHF (Emerg) Portable:	3x Jotron Tron TR 20 GMDSS
VHF Station:	2 x Sailor 6222 DSC 2 x Sailor 6210

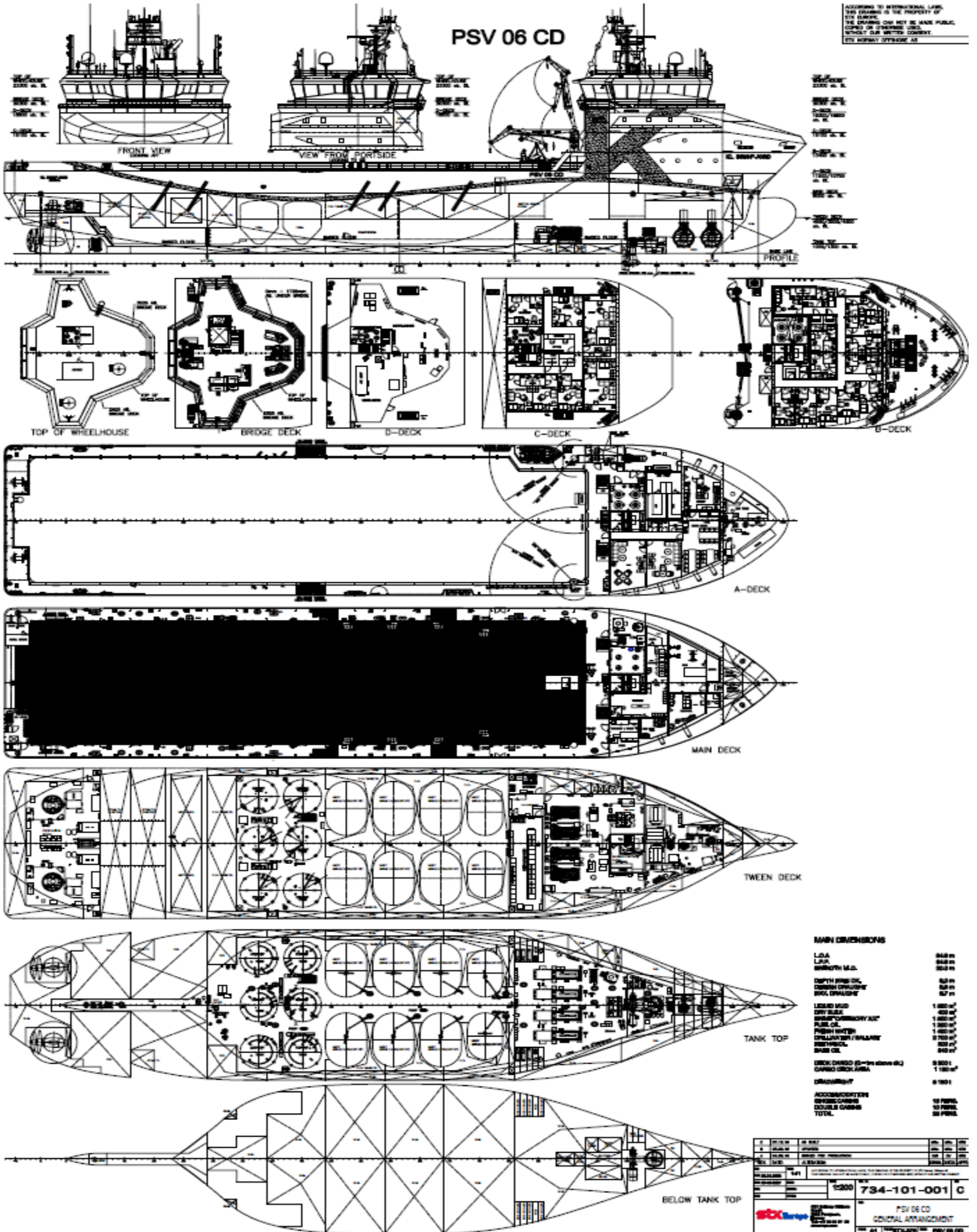
UHF Portable:	7 x Motorola GP380 / 4801
Inmarsat C:	2x Sailor 6018
Intercom:	Steenhans SPA-M1S-V2
Sound System:	Vingtor VSS-111
Emergency:	Vingtor VSP-211-L
PA System:	Steenhans SPA-M6S-V2
Sat. Communication:	+ 47 51 22 90 90
Mobile Phone UK:	+ 44 75 85 33 96 16
Vessel E-Mail:	captain@fortress.remoffshore.no

ACCOMMODATION

Outfitted for 25 persons in spacious and comfortable facilities.	
Single Cabins:	15 with bathrooms
Double Cabins:	5 with bathrooms
Hospital:	1 Highest standard
Office:	2 fully outfitted
Day Room:	2 x comfortably outfitted
Gymnasium:	1 fully outfitted
Entertainment:	In Day Rooms and all Cabins
Antiroll Tank:	2 x Tank aft below Main deck 1x Tank aft of Superstructure

PSV 06 CD

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MAIN DIMENSIONS

LOA	88.0 m
LBP	88.0 m
DEPTH M.C.	30.3 m
DEPTH BRG. CK.	6.0 m
DEPTH OVERBOARD	6.0 m
BRG. OVERBOARD	6.7 m
LEAD WLD	1 800 m ²
DRY DOCK	400 m ²
WHEELHOUSE/BRG. CK.	1 400 m ²
PUBLIC CK.	1 300 m ²
PULLDOWN / BALANCE	2 700 m ²
METHEOL.	300 m ²
BASE CK.	240 m ²
DECK CHARG (5-10 above d/c)	9 300 m ²
CARGO CHRG AREA	1 100 m ²
OFFICE/WORK	9 100 m ²
ACCOMMODATION	10 PERM.
ENGINEERING	10 PERM.
DOUBLE CARGO	10 PERM.
TOTAL	20 PERM.

DESIGN NO.	734-101-001 C
DATE	2020
REV.	1
PROJECT	PSV 06 CD
DRAWING TITLE	GENERAL ARRANGEMENT
SCALE	AS SHOWN
PROJECT NO.	PSV 06 CD
DESIGNER	STX Shipping
CHECKED	
APPROVED	



***All tank capacities are 100% of net. volume**

"Details believed to be correct and given in good faith, but without guarantee"

