PSV

SEACOR Congo

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Main Particulars

LENGTH OVERALL	281.2 ft	85.7 m
BEAM OVERALL	59.1 ft	18.0 m
DEPTH	25.6 ft	7.8 m
LIGHT DRAFT	9.51 ft	2.90 m
LOADED DRAFT	21.3 ft	6.5 m
LOADED DRAFT (SPS)	20.34 ft	6.20 Mt
DEADWEIGHT	4,527 Lt	4,600 Mt
DEADWEIGHT (SPS)	4,134 Lt	4,200 Mt
TONNAGE (ITC) GRT	4,125	
TONNAGE (ITC) NRT	1,492	

Cargo Deck

TONNAGE	2,017.6 Lt	2,050.0 Mt
STRENGTH	2,048.2 Lb/ft²	10.0 Mt/m²
LENGTH	183.7 ft	56.0 m
WIDTH	49.2 ft	15.0 m
CLEAR AREA	9,041.7 ft²	840.0 m²

Capacities

FUEL OIL	349,764 USG	1,324 m³	
POTABLE WATER	302,741 USG	1,146 m³	
DRILL WATER	750,777 USG	2,842 m³	
WATER BALLAST	750,777 USG	2,842 m³	
LIQUID MUD	286,627 USG	1,085 m³	6,824 BBLs
DRY BULK	10,594 ft³	300 m³	
BASE OIL	59,967 USG	227 m³	1,428 BBLs
BRINE	286,627 USG	1,085 m³	6,824 BBLs
LFL/METHANOL	37,777 USG	143 m³	

Discharge Rates

FUEL OIL	52,834 USG/hr.	200 m³/hr.
POTABLE WATER	52,834 USG/hr.	200 m³/hr.
DRILL WATER	52,834 USG/hr.	200 m³/hr.
WATER BALLAST	52,834 USG/hr.	200 m³/hr.
LIQUID MUD	19,813 USG/hr.	75 m³/hr.
BASE OIL	39,626 USG/hr.	150 m³/hr.
BRINE	19,813 USG/hr.	75 m³/hr.
LFL/METHANOL	39,626 USG/hr.	150 m³/hr.
DRY BULK (Free Air)	2,119 ft³/Min.	60 m³/Min.

Machinery

PROPULSION	Diesel Electric Hybrid
MAIN ENGINES	2 x MTU12V4000M33S - 1480ekW, 2 x MTU8V4000M33S - 990ekW
MAIN GENERATORS	2 x 1480ekW, 2 x 990ekW (Leroy Somer)
TOTAL INSTALLED POWER	6625 HP / 4940 kW
EMERGENCY GENERATOR	Caterpillar, 250 ekW
BOW THRUSTER #1	Rolls Royce TT2000, 790kW
BOW THRUSTER #2	Rolls Royce Combi TCNC, 725kW
AZIMUTHS	Rolls Royce Azipull FP, 1600kW

Deck and Anchor Handling

ANCHORS	2 x SPEC 3780kg
CHAIN	522.5m Ø48mm, K3
TUGGER WINCH #1	Rolls Royce Brattvaag, 10T
TUGGER WINCH #2	Rolls Royce Brattvaag, 10T

Performance

MAXIMUM SPEED	13.5 Knots
CRUISING SPEED	10.3 Knots
ECONOMICAL SPEED	8.6 Knots

Fuel Consumption

FUEL MONITORING SYSTEM	Yes	
MAXIMUM	233.1 USG/hr	21.2 m³/Day
CRUISING	122.4 USG/hr	11.1 m³/Day
ECONOMICAL	68.2 USG/hr	6.2 m³/Day
CONSUMPTION: DP	97.1 USG/hr	8.8 m³/Day
CONSUMPTION: DP/STANDBY	57.0 USG/hr	5.2 m³/Day
CONSUMPTION: PORT	23.3 USG/hr	2.1 m³/Day

Accomodation

CABINS	26
BERTHS	50
SINGLE CABINS	6
DOUBLE CABINS	18
4 PERSON CABINS	2
OFFICER MESS	1
CREW MESS	1
OFFICES	1
CONFERENCE ROOMS	1
CHANGE ROOM	1
GYMNASIUM	1
SMOKING ROOMS	1
LOUNGES	1
HOSPITAL	1

Rescue Capabilities

FRC #1	Norsafe 6 Person, 25 KTS

Electronics & Controls

ERN	98, 93, 79, 73
DYNAMIC POSITIONING	Class 2
DP SYSTEM	Rolls Royce ICON, Rolls Royce POSCON joystick
ENERGY MANAGEMENT	Rolls Royce EMS
DP REFERENCE #1	Cyscan MK 4 Laser Radar
DP REFERENCE #2	2 x DGPS
DP REFERENCE #3	RADius Dual 1000
GYROS	3 x Anschutz STD 22
ECDIS	Furuno FMD-3300
RADAR #1	X BAND Furuno FAR-3320
RADAR #2	S BAND Furuno FAR-3330S
GMDSS	Area A3
AIS	FA-150
VDR	VR 7000
DEPTH SOUNDER	Furuno FE-800
NAVTEX	Furuno NX-700A/B
IRIDIUM IOP	Yes
VSAT BROADBAND	Yes

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Special Equipment

FIRE MONITORS	Yes
DELUGE SYSTEM	Yes
FOAM FIRE FIGHTING	2x 1200m3/Min
SURVIVAL CRAFT	Yes
BALLAST WATER TREATMENT	250m3/Hr.
REMOTE SOUNDING	Yes
STABILITY COMPUTER	Yes
STABILITY TANKS	2 x Roll Reduction Tanks
MUD TANK CIRCULATION	Yes
MUD TANK WASHING SYSTEM	Yes
NITROGEN INERTING	Generation and Storage
CRANE #1	SWL 3T @ 2.1-16m (Deck Crane)
CONTAINER SUPPLY	10 x Steck IP67, 230V/60Hz/16A

Documentation

CLASS	DNV-GL ✠1A1, SF, EO, Offshore Service Vessel, DK+, HL(2.8), Clean Design, LFL(*). COMFV(3)C(3), Naut OSV(A), Dynpos AUTR, Fire Fighter 1, SPS, BWM-T, BIS, Battery Power
FLAG	Marshall Islands
OFFICIAL NUMBER	7878
IMO	9734032
CALL SIGN	V7WQ3
MMSI NUMBER	538007878
BUILD YEAR	2019
BUILDER	COSCO (Guangdong) Shipyard
HULL NUMBER	N606

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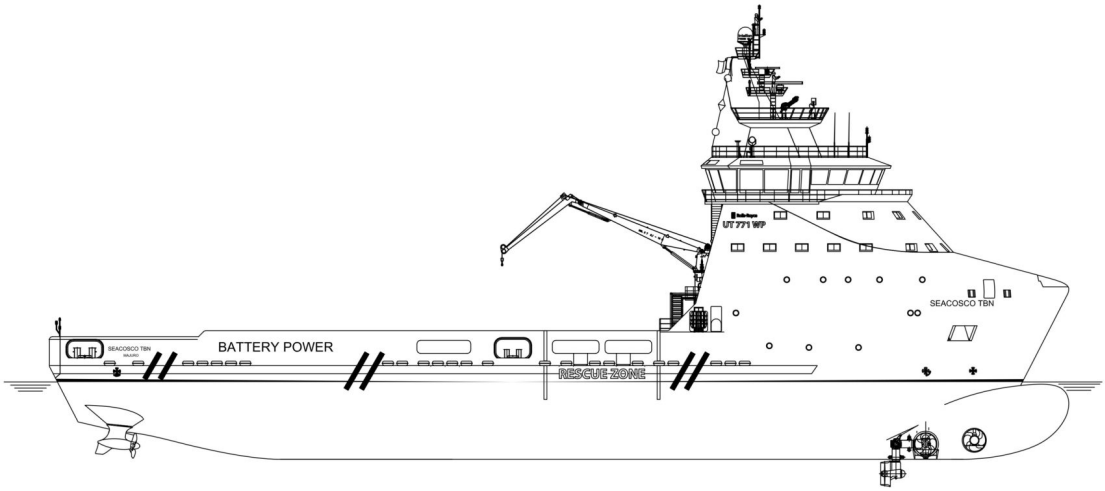

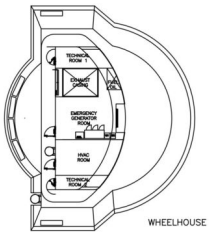

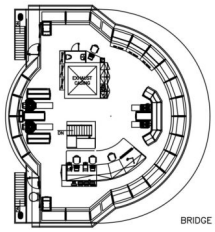

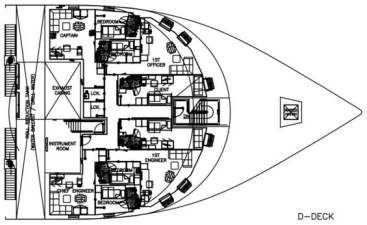

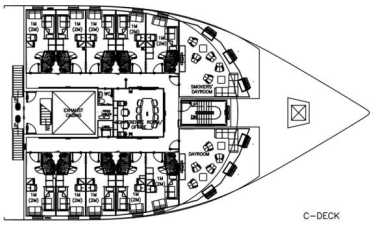

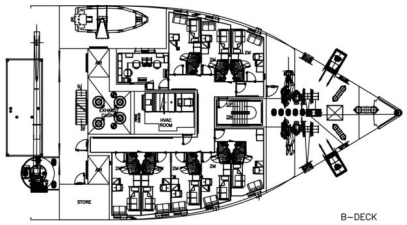

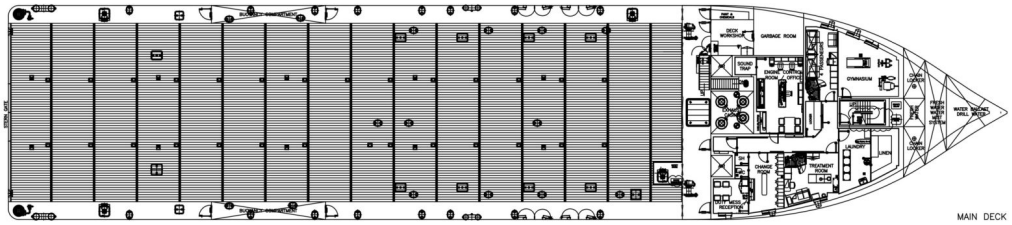

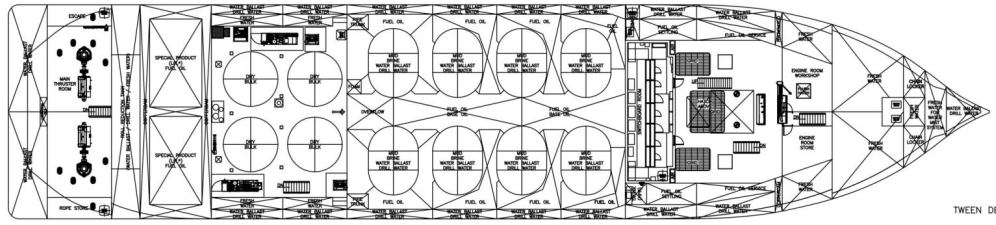

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