

SEACOR YANGTZE

– OFFSHORE SUPPORT VESSEL



BOWER

Main particulars

Length overall	274.8 ft	83.8 m
Beam overall	59.1 ft	18.0 m
Depth	23.0 ft	7.0 m
Light draft	8.86 ft	2.70 m
Loaded draft	19.0 ft	5.8 m
Deadweight	3,852 Lt	3,914 Mt
Tonnage (ITC) GRT	3,37	
Tonnage (ITC) NRT	1,293	

Cargo deck

Tonnage	2,066.8 Lt	2,100.0 Mt
Strength	1,024.1 Lb/ft ²	5.0 Mt/m ²
Length	190.9 ft	58.2 m
Width	49.2 ft	15.0 m
Clear area	9,418.4 ft ²	875.0 m ²

Capacities

Fuel oil	315,950 USG	1,196 m ³	
Potable water	240,397 USG	910 m ³	
Drill water	559,517 USG	2,118 m ³	
Water ballast	559,517 USG	2,118 m ³	
Liquid mud	268,927 USG	1,018 m ³	6,403 BBLs
Dry bulk	11,265 ft ³	319 m ³	
Base oil	57,061 USG	216 m ³	1,359 BBLs
Brine	268,927 USG	1,018 m ³	6,403 BBLs

Discharge rates

Fuel oil	52,834 USG/hr.	200 m ³ /hr.
Potable water	52,834 USG/hr.	200 m ³ /hr.
Drill water	52,834 USG/hr.	200 m ³ /hr.
Water ballast	52,834 USG/hr.	200 m ³ /hr.
Liquid mud	19,813 USG/hr.	75 m ³ /hr.
Base oil	39,626 USG/hr.	150 m ³ /hr.
Brine	19,813 USG/hr.	75 m ³ /hr.
Dry bulk (free air)	1,610 ft ³ /min.	46 m ³ /min.

Machinery

Main engines	4 x Caterpillar 3512C @ 1920 hp
Main generators	4 x 1580 Kva, 690 VAC, 60 Hz
Total installed power	7627 HP / 5688 kW
Emergency generator	Caterpillar C18, 420 kW
Bow thruster #1	Rolls Royce TT2000, 790 kW
Bow thruster #2	Rolls Royce Eetractable ULS 911 FP, 725 kW
Azimuths	Rolls Royce Azipull FP, 1600kW

Deck and anchor handling

Anchors	2 x SPEC 3300 kg
Chain	495 m Ø48 mm, K3
Tugger winch #1	Rolls Royce Brattvaag, 10T
Tugger winch #2	Rolls Royce Brattvaag, 10T



Performance

Maximum speed	14.0 Knots
Cruising speed	11.0 Knots
Economical speed	10.0 Knots

Fuel consumption

Maximum	252.5 USG/hr	22.9 m ³ /day
Cruising	108.8 USG/hr	9.9 m ³ /day
Economical	80.3 USG/hr	7.3 m ³ /day

Accommodation

Cabins	26
Berths	46
Single cabins	10
Double cabins	14
4 Person cabins	2
Officer mess	1
Crew mess	1
Offices	1
Gymnasium	1
Lounges	1
Hospital	1

Rescue capabilities

FRC #1	Norsafe 6 person, 25 KTS
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Electronics & controls

ERN	99, 99, 90, 75
Dynamic positioning	Class 2
DP system	Rolls Royce ICON
DP reference #1	Cyscan MK 4 Laser Radar
DP reference #2	2 x DGPS
DP reference #3	RADIUS 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
Depth sounder	Furuno FE-800
Navtex	Furuno NX-700a/b

Special equipment

Stability tanks	3 x Roll Reduction Tanks
Crane #1	Rolls Royce Odim Knuckle Boom 1 x 3t @ 1.8-16m (deck crane)



Documentation

CLASS:	ABS +A1, OFFSHORE SUPPORT VESSEL, E, +AMS, +ACCU, +DPS-2, ENVIRO, HAB(WB), UWILD, FIRE FIGHTING VESSEL CLASS 1
Class ID	18244849
Flag	Marshall Islands
Official number	7873
IMO	9659373
Call sign	V7UJ9
MMSI number	538007873
Build year	2018
Builder	Cosco (Guangdong) Shipyard
Hull number	N494



