



SK MAINSTAY

AHT/S | DP1 | 70T BP | 60 pax | 5150 BHP

MAIN PARTICULARS

Length Overall	64.80 m	212.59 ft
Length BP	59.40 m	
Breadth Moulded	16 m	52.49 ft
Depth Moulded	6.8 m	22.31 ft
Draft (max)	5.50 m	18.04 ft
Draft (operational)	5.00 m	
Bollard Pull	70.2 Tons	
Brake Horsepower	5150 BHP	
GRT / NT	2294/688	
Lightship Weight	1984.162 T	
Deadweight	2134 Tons	
Summer Freeboard	1.31 m	

CARGO DECK

Deck Strength	7.5 T / m ²
Deck Cargo Tonnage	600 T
Clear Deck Area	315 m ² (420 m ² w/o crane)
Deck Length	32 m
Deck Width	8.4m (12 m w/o crane)

CRANE DETAILS

Max Capacity/SWL – Main Hoist: 30T @ 4m to 12m radius on 16m fixed boom length wire part line of 26mm dia wire rope

Max Capacity/SWL – Aux Hoist: 1.5T @ 5m to 36.6m radius on 36.5 boom length with single part line of 14mm dia wire rope

Electrically powered hydraulic operated mounted telescopic boom offshore crane

DOCUMENTATION

Classification	ABS - American Bureau of Shipping
Year Built	2017
Keel Laid Year	2015
Place of Build	China
Vessel Type	ABS ✕A1 AH FFV1 OSR-C2 TOW @ Supply-HNLS ✕AMS Offshore Support Vessel ✕DPS-1 SPS RW HDC (7.5t/m ² , main deck)
Port of Registry	Kingstown
Flag	St. Vincent and The Grenadines
Official No.	12765
Call Sign	J8B6292
IMO No.	9754628

CAPACITY

Fuel Oil	586 m ³	
Fresh Water	455 m ³	120,203 USG
Drill /Ballast Water	697 m ³	184,143 USG
Liquid Mud	450 m ³	118,877 USG
Brine	450 m ³	118,877 USG
Cement Tank	160 m ³	
Dispersant	15.1 m ³	
Lube Oil	16.2 m ³	
Dirty Oil	11.2 m ³	
Hydraulic Oil	5.4 m ³	
Liquid Safra Oil	N/A	
Bilge Holding Sewage Tank	17.8 m ³	
Foam / Detergent	15.1 m ³	
Base Oil	132 m ³	
Recovery Oil	582 m ³	

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DELIVERY RATES

Fuel Oil	1 x 125 m/hr @ 80 m head
Fresh Water	1 x 125 m/hr @ 75 m head
Water Maker	1 x 5 m /day
Drill Water	1 x 100 m/hr @ 75 m head
Liquid Mud	2 x 75 m/hr @ 75 m head
Brine	2 x 75 m/hr @ 75 m head
Dry Bulk / Cement	2 x 13 m/min @ 5.6 bar
Base Oil	1 x 100 m/hr @ 80 m head

SAFETY EQUIPMENT

Fifi Claas (Yes or No)	Yes
Life Rafts	3 x 35 Persons / 3 x 30 Persons
Rescue Boat	1 x 6 men
Life Buoys	14 Nos
Life Jackets	73 Nos
Work Vest	20 Nos
Rescue Scoop	N/A
Scrambling Nets	2 Nos 3x2 Mtrs.
Overside Rescue Zones	2 Nos
DC Davits	N/A
FRC Davit	1 x 23kN SWL
Monitor Control	1 Nos
Fire Monitors	2 Nos
Range	120 Mtrs
Pump Capacity	1750 M³/H
Emergency Fire Pump	25 m³/h
Fire Monitors	2 Nos
Portable Fire Extinguishers	Total 132 Nos 30 x 6 Kg Dry Chemical Powder 2 x 50 Kg Dry Chemical Powder 26 x 9 Ltr Water 17 x 9 Ltr Foam 3 x 6 Kg CO2 1 x 45 Ltr Foam Mechanical
Fire Station	1 x Main Deck
Spray Boom	2 Nos
Oil Dispersant	N/A
Searchlights	3 Nos
Night Vision Equipment	2 Nos
Fire Fighting	Fifi Class 1

MACHINERY

Type / Model of Main Engines	2 x 1920KW 1600 rpm
Engines Maximum RPM	1600 RPM
Total Horse Power (BHP)	5150 BHP
Propellers	2 x 1920KW Conventional CPP
Type of Generator	2 x Caterpillar / C 18
Capacity of Generators	2 x 350KW, 415V3Ph50Hz
No. of Generators required for Anchor Handling Operation	2 Nos.
No. of Generators required for Normal Operation	1 Nos.
Emergency Generator Capacity	1 x 99KW, 415V3Ph50Hz
Shaft Generator	2 x 800KW, 415V3Ph50Hz
Model of Bow Thruster	2 x 515KW, 8T Thrust each
Type of Bow Thruster	2 x Kawasaki Bow CPP @ 8MT
Capacity of Bow Thruster	350 HP
Propulsion	2 x 1920 kW Conventional CPP
Gearbox	MAKE: REINTJES, Type: LAF 873L, Input Capacity: 1920 KW, Output Speed: 213 RPM
Main Propulsion Type	2 x 1920 kW Conventional CPP (Controllable Pitch Propeller)
Auxiliary Engines	2 x 350 kW, 415V/3Ph/50Hz, Caterpillar C18
Auxiliary Generator	N/A
Main Alternator	Shaft Generator
Azimuth Stern Drive	N/A
Transverse Thruster	N/A
Rudders	2x
Steering Gear	RIQ Kings Steering, 2 x 6.0TM, Independent Hydraulic Steering System, Model: KS125/609-6.0-35-I+DP1

PERFORMANCE

Max Speed	12.5 knots	2905.87 USG / day
Service Speed	10 knots	2509.62 USG / day
Economic Speed	8.3 knots	2641.70 USG / day

ACCOMMODATIONS

Total Accommodation	60 persons
Total No. of Passenger (For Charterer's Use)	36 persons
Cabin Configuration	6 x 1 Man Cabins 6 x 2 Man Cabins 2 x 3 Man Cabins 9 x 4 Man Cabins 1 x 1 Hospital Cabin

*All cabins are fully air-conditioned, complying with ILO 92, IMO Resolution A468 (XII)

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TOWING & ANCHOR HANDLING

Anchor Handling / Towing Winch	1 x Electro-Hydraulic double drum AH/T Winch Line pull: 150 Tonnes Brake: 200 Tonnes Drum cap: 1000m x 56mm dia. Wire
Tugger Winch	2 x 10 Tonnes SWL
Winch Type	1 x Electro-Hydraulic Double Drum AH/T Winch Line Pull: 150 T
Windlass	Hydraulic Anchor Windlass
Warping Drum	2 x 400mm dia – 450 mm length
Bow Anchors	2
Anchors	2 x HHP Anchor – Carbon Cast Steel – 1630 Kgs
Anchor Chain	40mm dia U2 Grade Port: 8 Shackle / Stbd: 8 Shackle
Chains	Qingdao Anchor Chain Factory
Chain Chaser	1
Grapnel Anchor	1 x 1751 kN – 462N/mm ²
Towing Pins	2 x 160T SWL
Shark Jaws	1 x 200T SWL
Stern Roller	1 x 4m(L) x 1.8m(dia.) 200T SWL
Spare Tow Wire	1000m x 56mm dia
Capstans	2 x 5T SWL
Pneumatic Bulk Handling System	2 x 13 M ³ /Min @5.6 Bar
Storage Reels	Hydraulic Storage Reel Winch MG-HSW 1-05U10056S
Line Pull	5.0 T x 0~15 M/Min (First Layer)
Wire Rope	56 mm
Cable Lifter	1 x 160 T
Rated Pull	5.0 T x 0~15 M/Min (First Layer)
Brake Holding Load	200 MT
Drum Capacity	Ø56mm x 1000m
Brake Capacity	200 MT (1st Layer)
Winch Wire Capacity	Upper Drum: Ø56 mm x 1000 m (Towing) Lower Drum: Ø56 mm x 1000 m (Anchor Handling) Double drum waterfall type
Upper / Lower Drum Cap (Tow / AH)	Upper Drum: Ø56mm x 1000m Lower Drum: Ø56mm x 1000m
Stall Pull	N/A
Rope Reels	N/A
Reefer Points	2x 415 (32 amps) , 2 x 220(32 amps)

ELECTRONICS & CONTROLS

Radar	1 x FURUNO FAR-2117
Radar 2	1 x FURUNO FAR 2137S
Gyro Compass	1x Raytheon Anschutz GmbH, 1x NSR
Magnetic Compass	John Lilley & Gillie Ltd.
GPS	1 x Furuno GP 170, 1x NSR NGR - 3000
AIS	Furuno - 1x FA-150, 1x FA 1502
Echo Sounder	1 x FURUNO FE-800
Doppler Current Meter	1 x FURUNO DS-80
Auto Pilot	1 x RAYTHEON PILOTSTAR D AP02-S01
SSB	1 x FURUNO FS-1575/2575/5075
VHF	Furuno FM-8900S
NAVTEX Receiver	1 x FURUNO NX-700A/B
GMDSS	VHF/MF/HF DSC, NAVTEX, EPIRB, SART, INMARSAT-C (FELCOM 18)
Handheld VHF	McMurdo – R5
Rig Move Radio	N/A
Aviation Radio	N/A
INMARSAT C	1 x FURUNO FELCOM18
EPIRB	Jotron - TRON 60S
SART	McMurdo S4 (Rescue SART) / Jotron SART 20
Speed Log	Furuno DS-80
Public Address System	Jotron AS - MPA-1600
X – band TM radar	Furuno FAR-2117
ECDIS	Sperry Marine
Gyrocompass	Raytheon Anschutz GmbH, NSR
PA System	Jotron AS - MPA-1600
Anemometer	Young wind tracker
Weather Fax	N/A
Wind Indicator	Young wind tracker

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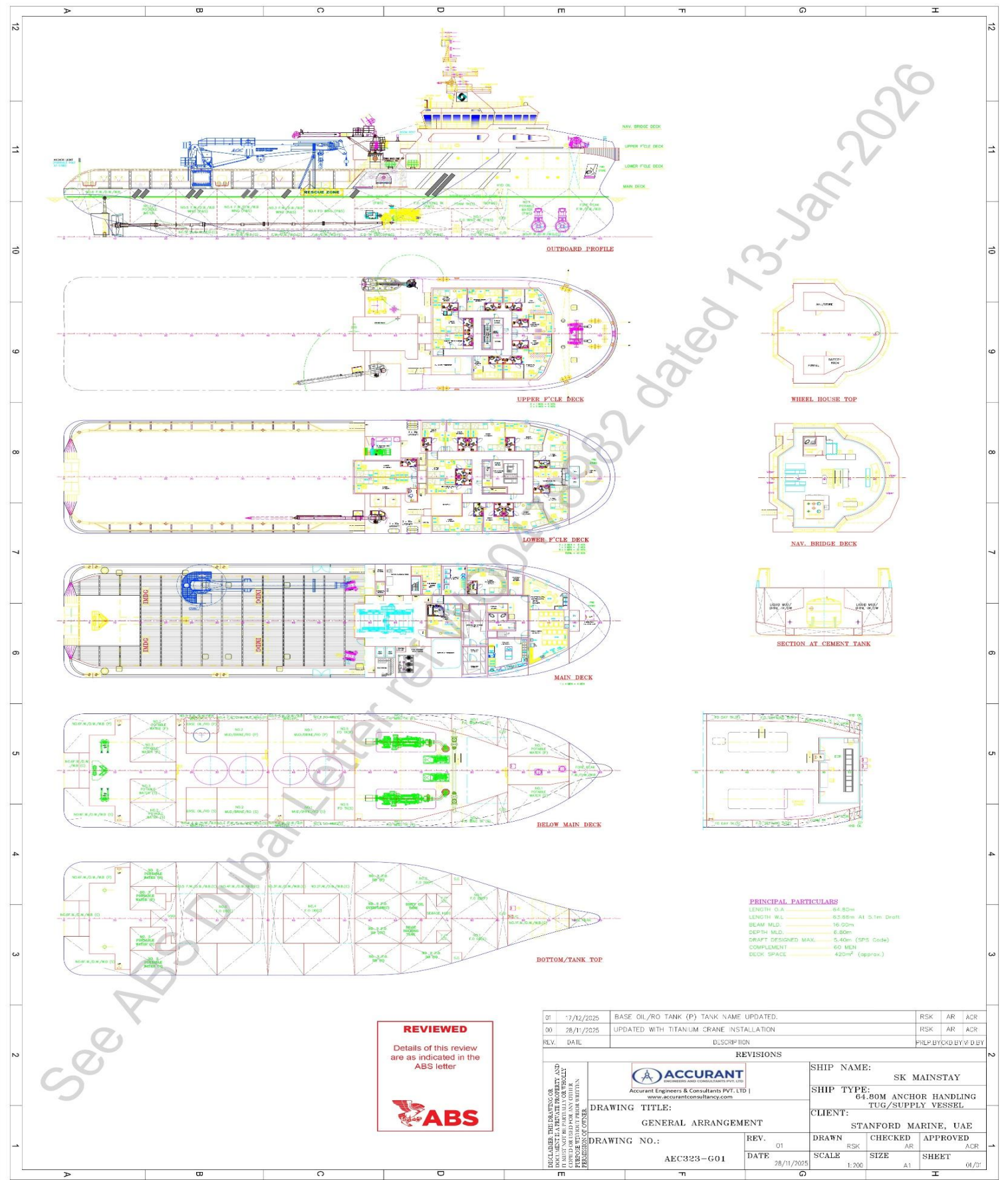
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SK MAINSTAY

AHT/S 70T BP | 60m | 5150 BHP



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REVIEWED

Details of this review are as indicated in the ABS letter

00	17/12/2025	BASE OIL/R/TANK (P) TANK NAME UPDATED.	RSK	AR	ACR	
00	28/11/2025	UPDATED WITH TITANIUM CRANE INSTALLATION	RSK	AR	ACR	
REV.	DATE	DESCRIPTION	PREP BY/CHK BY/APP BY			
REVISIONS						
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			SK MAINSTAY			
	DRAWING TITLE:		SHIP TYPE:			
	GENERAL ARRANGEMENT		64.80M ANCHOR HANDLING TUG/SUPPLY VESSEL			
	DRAWING NO.:		CLIENT:			
	AEC323-G01		STANFORD MARINE, UAE			
	REV.		DRAWN	CHECKED	APPROVED	
	01		RSK	AR	ACR	
	DATE		28/11/2025	SCALE	SIZE	SHEET
			1:200	A1	01/22	

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