

AOS HONOUR

Utility/Tug/Supply



PRINCIPAL PARTICULARS

Length Overall:	45.00 m
Length Waterline:	43.43 m
Breadth Moulded:	11.80 m
Depth Moulded:	4.60 m
Draft (designed):	3.80 m
Year Built:	2006
GRT/NRT:	621 / 186
Class:	Bureau Veritas
Flag:	Panama
Call Sign:	HP5073

CARGO CAPACITIES

Deck Cargo:	585 T
Deck Strength:	5 T/m ²
Clear Deck Area:	216 m ²
Fuel Oil:	550.68 m ³
Fresh Water:	160.50 m ³
Seawater Ballast Tank:	63.82 m ³
Freezer:	8 m ³
Cooler:	8 m ³
Foam:	8.75 m ³
Detergent:	8.75 m ³
Lube Oil:	6.58 m ³

PROPULSION SYSTEM

Main Engines:	2 x Caterpillar 3512B-HD 1305 Kw @ 1600 RPM
Reduction Gears:	2 x Reintjes GB WAF 763L ratio 5:750:1
Main Generator:	3 x Caterpillar 3406C 260 kW @ 1500 rpm
Emergency Generator:	1 x Caterpillar 40 kW / 415 V / 50 Hz
Bow Thruster:	1 x 350 kW Tunnel Unit 5T Thrust
Propellers:	2 x FPP w/ kort nozzle
Rudders:	Conventional
Steering Gear:	2 x 35 deg. -5 TM

PERFORMANCE

Maximum Speed:	12 knots
Fuel Consumption Main Engine	
Full Speed:	@ 1600 RPM – 10 MT
Service Speed:	@ 1300 RPM – 4.75 MT
Economy Speed	@ 1200 RPM – 3.2 MT
Generators:	0.50 MT

DECK EQUIPMENT

Windlass:	3.4 @ 12 m/min
Anchor:	2 x 1050 kg
	High holding type anchors
Chains:	1 x 358 m 28 mm
Tugger Winch:	2 x 5 T @ 15 m/min
Deck Crane:	1 x electrically operated
	Provision Crane
	SWL: 1 T @ 3-15 m radius
Stern Roller:	4 m length x 1.6 mm dia.

RADIO AND NAVIGATION

GMDSS:	Area A1+A2+A3
Rack Console System:	1 x SSB FS-1562 400W
	FURUNO RC-500
	1 X DSC-6MF/MF
	1 X Watchkeeping receiver
	1 x NBDP DP60
	1 X Inmarsat Felcom 12
VHF:	1 x Furuno FM-8800
MF/HF/DSC:	1 x Furuno FS-1570
Inmarsat C:	2 x Furuno Felcom-15
Radar:	2 x Furuno
Echo Sounder:	1 x Furuno
Compass:	1 x Saura Magnetic
	1 x Slimrad Gyro
SART:	1 x SART
VHF radios:	2 x Furuno transceiver w/ built-in
	DSC-8V for 24VD operation
EPIRB:	3 x Mcmurdo
Speed Log:	1 x Furun
Navtex :	1 x Furuno NX-700B
GPS	2 x Furuno GP-1650 / GP-32
Weather Fax:	1 x Furuno

MISCELLANEOUS

Sewage Treatment:	for 20 persons
Oily Water Separator:	0.5 m3/hr @ 15 rpm
Waste Compactor	

DISCHARGE RATES

Fuel Oil:	50 m3/h @ 50 m head
Portable Water:	50 m3/h @ 50 m head

ACCOMMODATION

Configuration: Crew:	2 x 1 man cabins
	4 x 4 men cabins

Passengers: 30 seats

Total: 18 men

Hospital

Accommodation is fully air conditioned.

LIFE SAVING & HSE

Search Lights:	2 x 2000 W
Floodlights:	1 x 1000 W
Liferafts:	6 x 25 men
Lifejackets:	49 sets
Lifebuoys:	8 sets
Rescue Boats:	1 x 6 men

FIRE-FIGHTING

EXTERNAL:

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Fire Pump: 1 x 200 m3/hr @
120 m head

Water Monitor: 2 x 600 m3/hr @
12 bar

Water/Foam

Search Lights: 2 x 2000 W

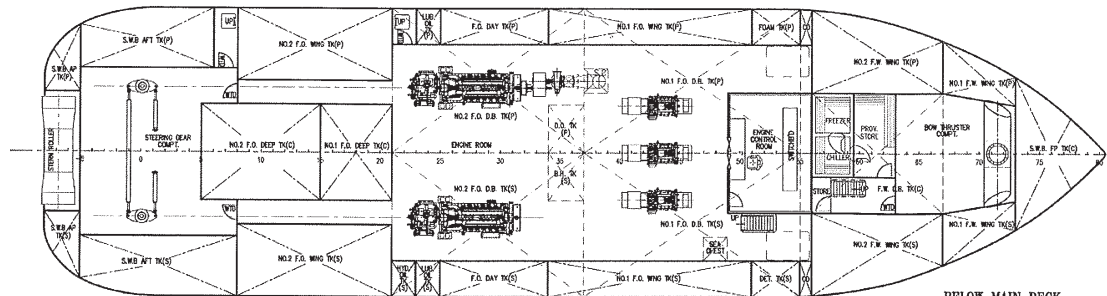
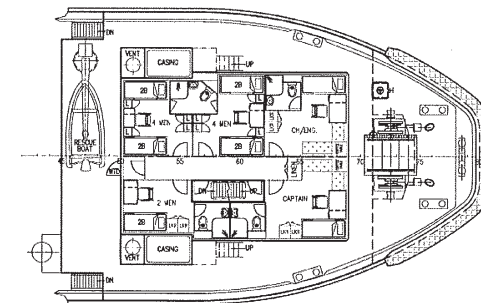
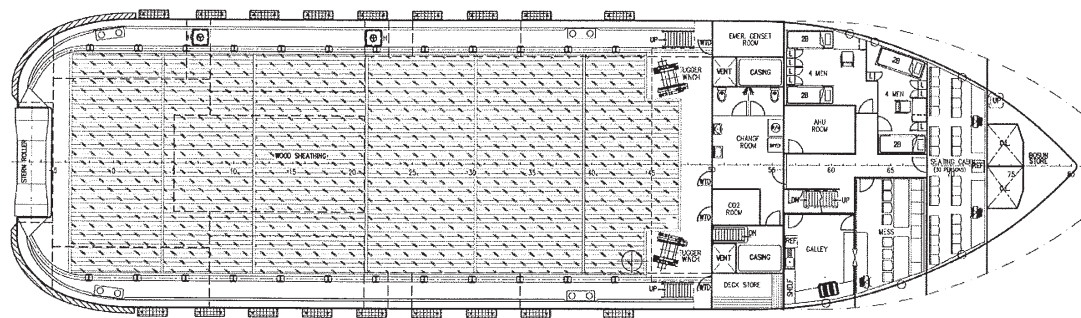
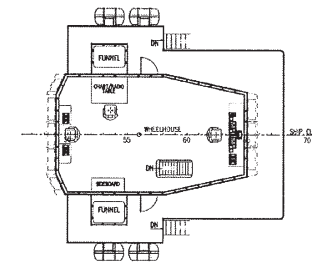
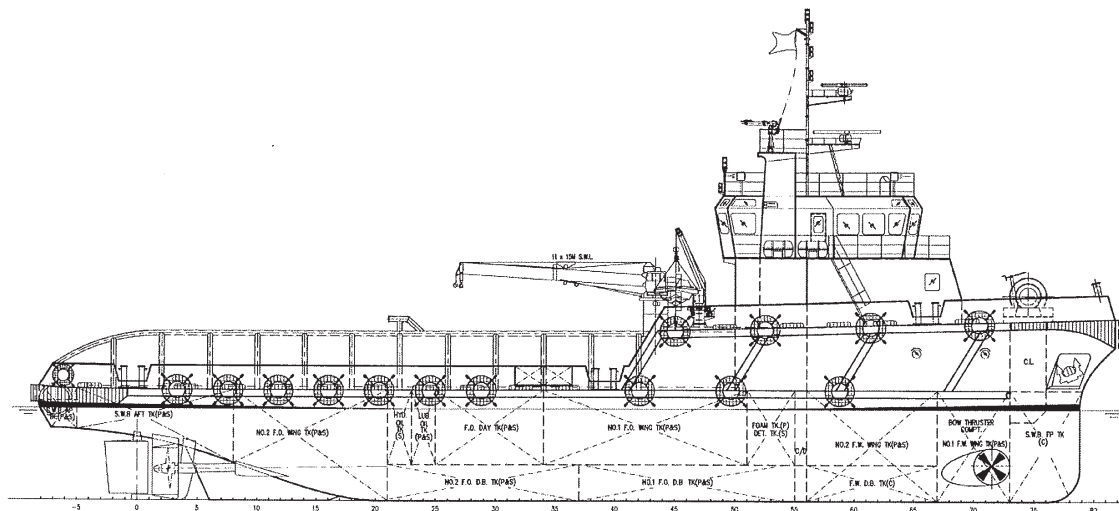
Dispersant S/B

INTERNAL:

Emer Fire Pump: 50 m3/hr @ 35 m
head

1 x CO2 System: in Engine Room





PRINCIPAL DIMENSIONS

LENGTH OVERALL	45.00 M
LENGTH WATERLINE	43.43 M
LENGTH B.P.	39.40 M
BREADTH MOULDED	11.80 M
DEPTH MOULDED	4.60 M
DESIGN DRAFT MOULDED	3.80 M
COMPLEMENT	20 MEN
FUEL OIL	600 M ³
FRESH WATER	140 M ³
TOTAL POWER	3500 BHP
TRIAL SPEED	12.0 KNOTS

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PROJECT			
45m MULTI-PURPOSE UTILITY VESSEL (2 x 1750 BHP)			
TITLE			
GENERAL ARRANGEMENT			
	CHECKED	SCALE	REV.
		1:100	