

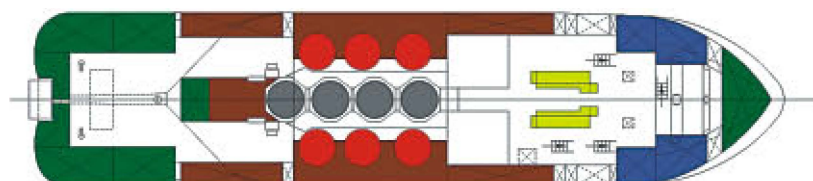
**HOS#452 | 2005 | 70 m | 135.69 BP |
DP2 AHTS | For P&C Sale**



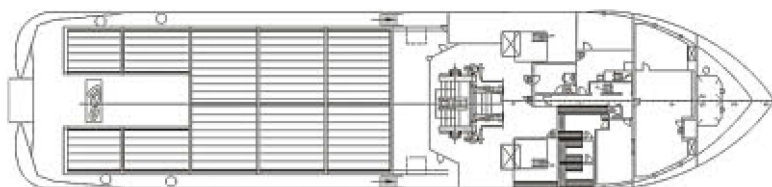
GENERAL



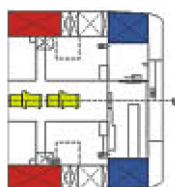
OUTBOARD PROFILE



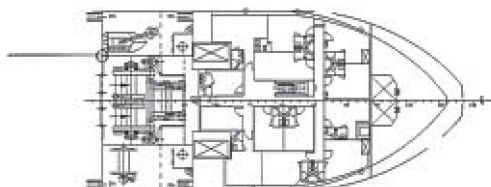
VIEW UNDER MAIN DECK



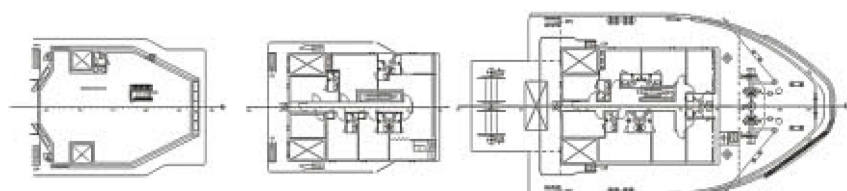
MAIN DECK



TWEEN DECK



FORECASTLE DECK



BRIDGE DECK

OFFICER DECK

UPPER FORECASTLE DECK



YEAR

2005

TYPE

AHTS

DESIGN

70 m Anchor Handling
Supply Vessel

CLASSIFICATION SOCIETY

ABS

CLASSIFICATION

ABS – ⚙A1, Towing Vessel, Fire
Fighting Vessel Class 1, Offshore
Support Vessel,

Ⓔ, ⚙AMS, ⚙DPS-2

L.O.A. (m)

70

BREADTH (m)

16.80

DEPTH (m)

7.5

MAX. DRAUGHT (m)

6.8

MAX. SPEED

14 knots

NUMBER OF ENGINES & TYPE

2 x Wartsila 8L32

GENERATORS

2 x 410 kW Caterpillar

BOW THRUSTER (s)

2 x Kawasaki

STERN THRUSTER (s)

1 x Kawasaki

TECHNICAL DATA

MAIN PARTICULARS

L.O.A.:	70 m
LPP:	66.80 m
Breadth Moulded:	16.8 m
Draft:	6.8 m max.
DWT:	2,000
GRT:	2,690
Net Tonnage:	807

CARGO CAPACITIES

Deck Area:	500 m ²
Deck Cargo:	800 t
Deck Load:	7.5 t / m ²
Fuel:	1,126 cubm
Potable Water:	361.9 cubm
Drill Water:	308.51 cubm
Liquid Mud:	490.32 cubm
Dry Bulk:	226 cubm

DISCHARGE CAPACITIES

Fuel:	1 x fo cargo pump 200 cubm / h @ 0 bar
Potable Water:	1 fw cargo pump 120 cubm / h @ 9 bar
Drill Water:	1 x drill / ballast pump 150 / 100 cubm / h @ 9 / 2 bar
Liquid Mud:	2 x liquid mud pump 75 cubm / h @ 24 bar
Dry Bulk Compressors:	2 x 20 cubm / min @ 5.5 bar

DECK MACHINERY / MOORING

Tugger Winches:	2 x 10 t
Capstans:	2 x 10 t
Deck Cranes:	1 x 2.2 t @ 12.2 m
Windlass:	1 x Brattvaag 17 t duty of drum
Anchor:	2 x 2,090 kg, AC 14
Chain:	918 m x 46 mm, U2 chain

TOWING / ANCHOR HANDLING EQUIPMENT

Winch Type:	Brattvaag, triple drum, waterfall type
AHT Winch Pull:	300 t
AHT Winch Break:	450 t
Tow Drum Capacity:	1,700 m x 76 mm, SWR
Tow Line:	1,300 m x 76 mm
Working Drums Capacities:	1,500 m x 76 mm
Storage Drums Capacities:	1,500 m x 76 mm
Spare Tow Line:	1,300 m x 76 mm
AH Triplex Shark Jaws:	1 x 500 t SWL
Towing Pins Triplex:	1 x 160 t SWL
Stern Roller:	5,000 mm length, 2,500 mm diameter, 450 t SWL

MACHINERY & PROPULSION

Main Engines:	2 x 4,000 kW @ 750 rpm, Wartsila 8L32
Aux. Engines:	2 x 410 kW @ 1,800 rpm, Caterpillar 3408 DITA

Emergency Generator:

1 x 60 kW @ 1,800 rpm,
Perkins / 1004 TG2

Shaft Generators:

2 x 2,875 kVA @ 1,750 rpm, ABB

Main Propellers:

2 x Wartsila propulsion, CPP,
4 blades / 4,000 mm diameter

Bow Thruster:

2 x Kawasaki KT -88B3, 10 t thrust

Stern Thruster:

1 x Kawasaki KT -88B3, 10,5 t thrust

Rudders:

2 x Spade

NAVIGATION & COMMUNICATION EQUIPMENT

Radars:	1 x Furuno X-band, 1 x Furuno S-band
Main Radio:	GMDSS Furuno
Inmarsat C:	Felcom 15
GPS:	2 x Furuno
Autopilot:	Anschutz
Gyro:	C-Plath

PERFORMANCE

Bollard Pull:	135.69 tons
Max. Speed:	14 knots
Consumption per Day:	32 t @ fullspeed, 35 t @ towing, 25 t @ sailing

ACCOMMODATION

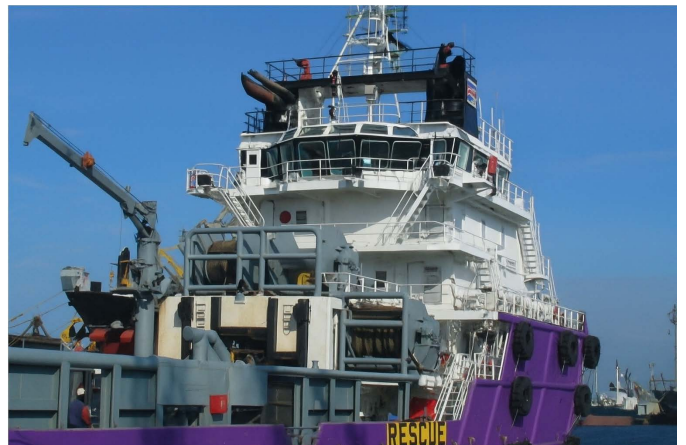
Total Capacity:	40 persons
Cabins:	10 cabins x 1 person 15 cabins x 2 persons
Hospital:	Fully equipped
Lounges:	1

CONTINGENCY

EQUIPMENT Fast Rescue Craft:	1 x Narwhal SV -480 type, outboard motor, 40 BHP
Fire Fighting:	FI-FI 1, totally 2,400 cubm / h
Rescue Zones:	2, port and starboard

OTHER INFORMATION DP2

Kongsberg



	TANK CAPACITIES								
	SG m³	FUEL OIL 0.835	POT WATER 1,000	DRILL WATER 1,000	BALLAST WATER 1,025	LIQUID MUD 2,000	FOAM 1,000	DETER. 1,000	DRY BULK 2,400
FOREPEAK	232.27	-	-	-	-	-	-	-	-
FW TK1 PS	78.81	-	78.81	-	-	-	-	-	-
FW TK1 SB	78.81	-	78.81	-	-	-	-	-	-
FW TK 2 DB	49.14	-	49.14	-	-	-	-	-	-
FW TK 3 PS	40.48	-	40.48	-	-	-	-	-	-
FW TK 3 SB	40.48	-	40.48	-	-	-	-	-	-
FW TK 4 PS	37.09	-	37.09	-	-	-	-	-	-
FW TK 4 SB	37.09	-	37.09	-	-	-	-	-	-
BW TK 1 PS	51.01	-	-	51.01	52.28	-	-	-	-
BW TK 1 SB	64.91	-	-	64.91	66.53	-	-	-	-
BW TK 2 PS	35.1	-	-	35.1	35.97	-	-	-	-
BW TK 2 SB	35.1	-	-	35.1	35.97	-	-	-	-
AFT PEAK PS	35.19	-	-	35.19	36.06	-	-	-	-
AFT PEAK SB	35.19	-	-	35.19	36.06	-	-	-	-
AFT PEAK C	52.01	-	-	52.01	53.31	-	-	-	-
FO TK 1 PS	80.18	66.95	-	-	-	-	-	-	-
FO TK 1 SB	80.18	66.95	-	-	-	-	-	-	-
FO TK 2 PS	67.91	56.7	-	-	-	-	-	-	-
FO TK 2 SB	68.84	57.48	-	-	-	-	-	-	-
FO TK 3 PS	230.21	192.22	-	-	-	-	-	-	-
FO TK 3 SB	230.21	192.22	-	-	-	-	-	-	-
FO TK 4 PS	31.28	26.11	-	-	-	-	-	-	-
FO TK 4 SB	31.28	26.11	-	-	-	-	-	-	-
FO TK 5 PS	112.5	93.93	-	-	-	-	-	-	-
FO TK 5 SB	112.5	93.93	-	-	-	-	-	-	-
FO TK 6 PS	33.56	28.02	-	-	-	-	-	-	-
FO TK 6 SB	33.56	28.02	-	-	-	-	-	-	-
FO TK 7	47.87	39.97	-	-	-	-	-	-	-
DETERGENT TK	21.51	-	-	-	-	-	-	21.51	-
FOAM TK	21.51	-	-	-	-	-	21.51	-	-
MUD TK 1 PS	81.6	-	-	-	-	163.2	-	-	-
MUDTK 1 SB	81.6	-	-	-	-	163.2	-	-	-
MUD TK 2 PS	81.6	-	-	-	-	163.2	-	-	-
MUD TK 2 SB	81.6	-	-	-	-	163.2	-	-	-
MUD TK 3 PS	81.96	-	-	-	-	163.92	-	-	-
MUD TK 3 SB	81.96	-	-	-	-	163.92	-	-	-
CEMENT TK 1	56.5	-	-	-	-	-	-	-	135.6
CEMENT TK 2	56.5	-	-	-	-	-	-	-	135.6
CEMENT TK 3	56.5	-	-	-	-	-	-	-	135.6
CEMENT TK 4	56.5	-	-	-	-	-	-	-	135.6
	-	-	-	-	-	-	-	-	-
WEIGHT IN TONS	-	940.59	361.9	308.51	316.18	980.64	21.51	21.51	542.4
VOLUME IN M³	-	1,126	361.9	308.51	308.51	490.32	21.51	21.51	226
VOLUME IN BARRELS (Dry Bulk in cuft)	-	7,097	2,279	1,943.6	1,943.6	3,089	135.51	135.51	1,423.8