



AHTS

Vessel specs

Built	2009
Design	Khiam Chuan
Falg	Indonesia
LOA	75,4m
Breadth Moulded	16,80m
Yard	Jaya Shipbuilding & Eng.
Main Class	A1E, OFFSHORE SERVICE VESSEL, FiFi I, AHTS, DP(AA)
Classification Society	American Bureau of Shipping (ABS)
Dynamic Positioning	DP 2 from Kongsberg
Accommodation	40 Persons
Bollard Pull	151mt
Deck Dimensions	518m ² (37m x 14m)
Deck Load	800mt
Deck Strength	7,5mt/m ²
Draft (max)	6,10m + n/am Skeg/Nozzle
Drill Water / WB	510m ³ / 3208bbbls
Fuel Oil	1240m ³ / 7800bbbls
Deadweight	2181mt (d= 6,10m)
Total BHP	12240 BHP
Towing/Working Winch Brake (Static/Band Brake)	300/450mt
Towing/Working Winch No 2 Brake (Static/Band Brake)	300/450mt
Chain Locker	1x162,88m ³ + 1x176,43m ³ = 339,31m ³
Gypsies	2 x 90mm
Shark Jaws	2 x 300 MWL - Karm
Tow Pins	2 x 300 MWL - Karm
Pot Water	490m ³ / 3082bbbls

VESSEL MAIN PARTICULARS

Vessel built	2009
Class definition	A1E, OFFSHORE SERVICE VESSELI, FiFi I, AHTS, DP(AA)
Class definition	American Bureau of Shipping (ABS)

PRINCIPAL DIMENSIONS

LOA	75,4m
LPP	67,16m
Breadth mld	16,80m
Depth mld to main deck	7,5m
Min Draft	
Summer draft	6,10m + n/am Skeg/Nozzle
Airdraft	Air draft @ 6,50 mt EK: 25,95
Deadweight	2181mt (d= 6,10m)
Lightship	
Gross tonnage	2952
Net tonnage	885

ACCOMODATION

Total number of bunks	10 x 1 Person, 8 x 2 Persons, 6 x 4 Persons
Total number of bunks	50 Persons
2 man cabins	8
3 man cabins	NIL
4 man cabins	6

Mess room/Rec rooms	Available Hospital
Mess room/Rec rooms	1 x TV Room

PROPULSION

Main engines	2 x 4500 kw (6120 BHP) @ 750 rpm
Total output	12240 BHP
Fuel type MGO/HFO	MGO

THRUSTERS

Bow thruster	2 x 911BHP
Stern thrusters	1 x 911BHP

GENERATORS

Shaft generators capacity:	
Aux generators capacity:	
EM generator capacity:	
EM generator capacity:	1 x 60KW

CARGO DECK

Deck space	518m ² (37m x 14m)
Deck space	800mt
Height of cargo rail	2,6m
Removeable cargorail (placing & lenght)	

CARGO CAPACITY SUMMARY

Fuel oil	1240m ³ / 7800bbls
Ballast water	
Base oil	130m ³ / 818bbls
Fresh water	490m ³ / 3082bbls
Drill water	510m ³ / 3208bbls
Liquid Mud	512m ³ / 3220bbls
Brine	N/A
Methanol	N/A
Dry Bulk	226m ³ / 7980cuft (4 tanks)
Oil recovery	

Rig chain lockers

Slop

0

ROLL REDUCTION SYSTEM

Number of roll reduction tanks

DECK CRANE

Starboard Cargo Rail Crane

Starboard crane

Port crane

Aft crane

Provision crane

Crane TBN

Crane TBN

1 x SWL 5,6mt@12,2m - Fixed with No manipulators

Crane TBN

A - FRAME

SWL

SWL

0

Clear height between top girder/deck

Working radius inwards

Working radius outwards

width top of A-frame

Width at deck level of A-Frame

TOW/WORK WINCH

Type

Lenght of drum

Inner drum diameter

Diameter of flanges

Low gear: Drive hoist first layer

Low gear: Drive hoist top layer

Low gear: Lowering first layer

Low gear: Lowering top layer

Low gear: Dynamic braking first layer

Low gear: Dynamic braking top layer

High gear: Drive hoist first layer

High gear: Drive hoist top layer

High gear: Lowering first layer

High gear: Lowering top layer

High gear: Dynamic braking first layer

High gear: Dynamic braking top layer

Brake holding first layer

SECONDARY WINCHES

Type

Length of drum

Inner drum diameter

Diameter of flanges

Drive hoist first layer

Drive hoist top layer

Capacity

ANCHORHANDLING EQUIPMENT

Tuggerwinches

Smith bracket MBL

Smith bracket MBL 0

Shark jaws

Shark jaws 2 x 300 MWL - Karm

Spare shark jaw inserts

Spare shark jaw inserts 0

Spare shark jaw inserts 0

Towing pins

Towing pins 2 x 300 MWL - Karm

Steering pins

Stern roller dim

Stern roller dim 1 x 4,5m x Ø2,3m - MWL 500mt

GYPSY

Gypsy starboard side

Gypsy port side

TUGGER / CAPSTAN

Tugger winch capacity	
Tugger winch capacity	2 x 10mt
Capstan capacity	
Capstan capacity	2 x 10mt

STORAGE WINCH

Capacity	
Hoisting power	

RIG CHAIN LOCKERS

Chain lockers numbers & m3	
Chain lockers numbers & m3	$1 \times 162,88\text{m}^3 + 1 \times 176,43\text{m}^3 = 339,31\text{m}^3$
Capacity 76mm chain	
Capacity 84mm chain	
Capacity 110mm chain	

DYNAMIC POSITION SYSTEM

Class definition	
Type	
Type	2 x DGPS, HIPAP
Type	DP 2 from Kongsberg
DGPS	
Diff correction	
HPR	
Fanbeam	
Tautwire	
Transponders	
Radius	

JOYSTICK

Type	
Connections points	

FIFI / DISPERANT SYSTEM

Type	
Fire Fighting class	
Fire Fighting class	1
FIFI Capacity	
FIFI Capacity	2 x 1200m ³ /h
Throw height / lenght	
Monitor type	
Monitors capacity	
Foam system type	
Foam system Capacity	
Disperant system	
Disperant system	Fitted with NA booms and 7,5m ³ tank capacity
Disperant booms lenght	
Disperant capacity tank & litre/min	
Disperant capacity tank & litre/min	0
Disperant capacity tank & litre/min	0

STANDBY/RESCUE

Certificate	
Number of survivors	
Number of survivors	0
Searchlights	
Scoop net	
Line throwing device	

ROV EQUIPMENT

ROV hangar	
ROV hangar	0
Size of ROV hangar (m ²)	

AH WINCH

Type	
Lenght of drum	
Inner drum diameter	

Diameter of flanges

Low gear: Drive hoist first layer

Low gear: Drive hoist top layer

Low gear: Lowering first layer

Low gear: Lowering top layer

Low gear: Dynamic braking first layer

Low gear: Dynamic braking top layer

High gear: Drive hoist first layer

High gear: Drive hoist top layer

High gear: Lowering first layer

High gear: Lowering top layer

High gear: Dynamic braking first layer

High gear: Dynamic braking top layer

Brake holding first layer
