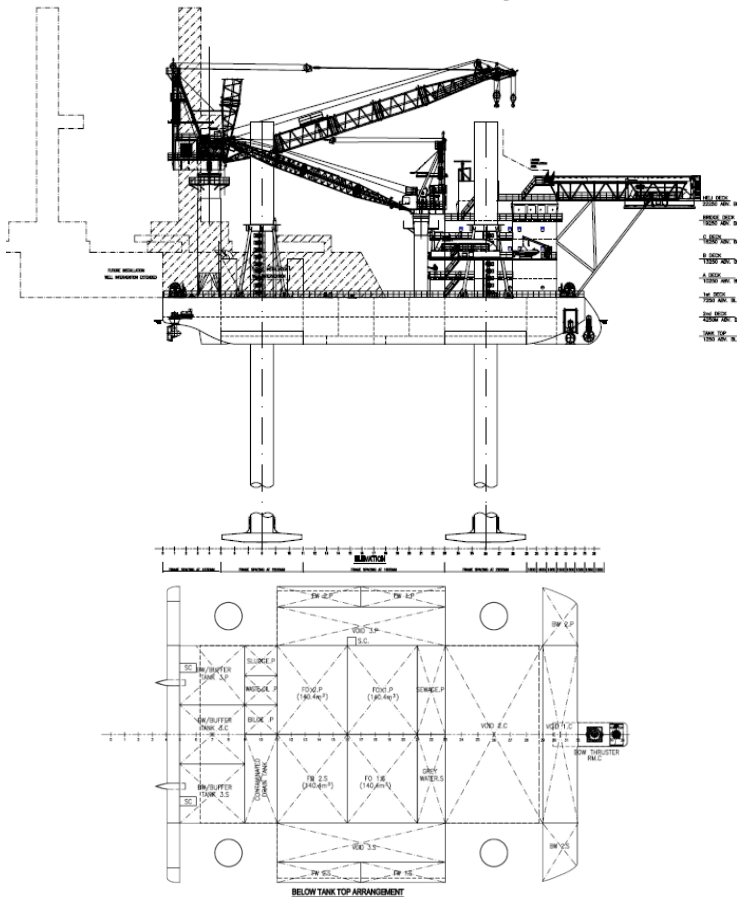
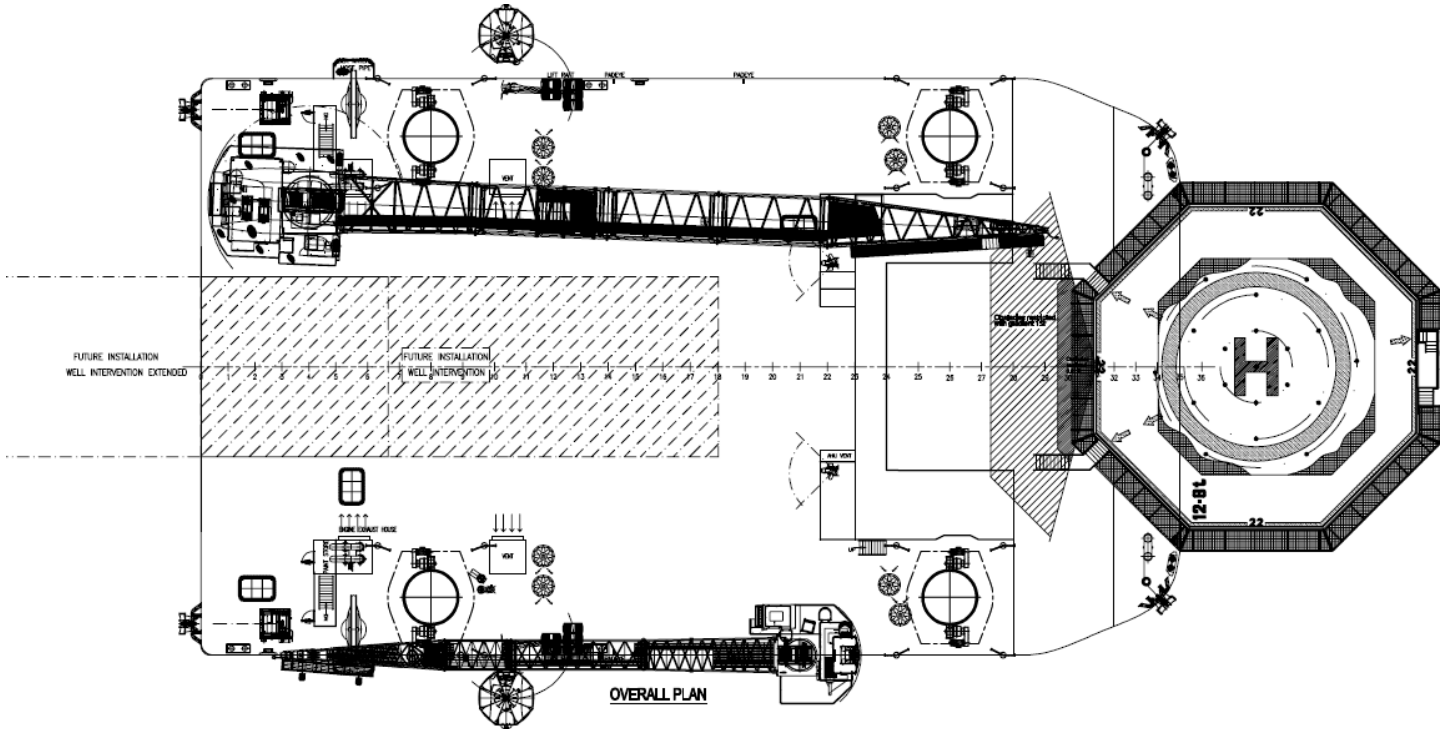


# AW350 JACK-UP WORKOVER UNIT

70.5m x 40m x 7.25m  
Self Elevating, Self Propelled



## MAIN PARTICULARS:

Length Hull .....	67.90 m
Breadth mld .....	40.00 m
Depth mld .....	7.25 m
Leg length.....	108.00 m
Open deck area .....	1,200.00 m <sup>2</sup>
Working Water Depth.....	75.00m (subject to environmental condition)
Main Crane.....	1x 200MT Pedestal
Aux. Crane.....	1x 30MT Pedestal
Accommodation.....	MLC-250 men (upgradable to 400 men)

# AW350 JACK-UP WORKOVER UNIT

70.5m x 40m x 7.25m  
Self Elevating, Self Propelled

## GENERAL:

The AW350 self-propelled, self-elevating Jack-up unit is an economical design of new generation accommodation, maintenance and workover unit in unrestricted sailing area with Zone 2 study. By its 4 tubular legs, diagonal preload features, large deck area, big crane and great maneuverability, it is able to work more efficiently for jobs such as work over, coil tubing, well intervention, accommodation support, windmill installation, etc.

## REGISTRATION:

Type: .....Self-Elevating, Self-Propelled Jack-up Barge  
 Designer: .....Wartsila Altis  
 Class: ..... ABS  
 Notation.....+A1, Self-elevating Unit (WI-Ready), +AMS, +APS,+DPS-2, ACCOMODATION SERVICE, MLC-ACCOM, +ACCU, +CRC

## PERFORMANCE:

Design sailing speed -- 6 knots

Jacking speed -- not less than  
1.2m/minute

## ACCOMMODATION:

Fully air-conditioned accommodation for 250 personnel:

- 16 x 1-man cabin
- 13 x 2-men cabins
- 52 x 4-men cabins

AHU room, Hospital, Prayer room, Garbage, Laundry, Changing Room, Emergency Generator Room, Provision Stores, Galley, Mess Room/ Recreation Room, Gym, Conference Room, Day Room, Lounge, Office, Locker, Instrument Room, etc.

## CAPACITIES (approx.):

Total variable load-----**1,600** MT  
 Fuel Oil -----**570** m<sup>3</sup>  
 Potable Water -----**900** m<sup>3</sup>  
 POB----- **250** men+  
 Cargo deck strength -----**7.5** t/m<sup>2</sup>

## PROPULSION & POWER:

Main Engines: 4 x 1600 KW

Stern Thruster: 2 x 1200 KW Azimuth

Bow Thruster: 1 x 600 KW Tunnel,  
and 1 x 600 KW Retractable Tunnel.

Emergency Generator: 1 x 445 kW  
 DP system: DP2

## DECK MACHINERY & EQUIPMENT:

No. of anchor winch: 4 sets  
 Main crane: 1 pedestal lattice boom  
 crane of 200MT @min. radius  
 with 45m boom length  
 Auxiliary Crane: 30 MT  
 Towing bridle: 2 sets  
 Bollards and Panama chock: 6 sets

## LEGS:

No. of Legs ----- 4  
 Leg length ----- 108.00m  
 Leg Diameter (approx.)----- 3.7m  
 Leg penetration ----- 3.00m  
 Working water depth ----- 75.00m  
 (subject to environmental condition)

## LIFE SAVING EQUIPMENT:

Life rafts: 125% capacity distributed  
 with life raft davits  
 Life boat: 3 x 130 men with davits

## HELIDECK:

Steel Helideck suitable for S-61N

## RADIO & NAVIGATION EQUIPMENT:

GMDSS:	Sea area A3
Radar:	1 x S-band 1 x X-band
DGPS:	2 set
Cyscan:	1 set
Magnetic compass with one repeater:	1 set
Gyro Compass:	3 set
Echo Sounder:	1 set
Speed log:	1 set

SSAS:	1 set
AIS:	1 set
Auto pilot:	1 set
VHF Radio telephone:	1 set
Anemometer:	1 set
NAVTEX Receiver:	1 set
S-EPIRB or VHF-EPIRB:	1 set
MF/HF:	1 set
VHF two-way radio:	1 set
SART:	2 set

Voyage data Recorder: 1 set

LRIT: 1 set

AC/DC power converter:	1 set
CCTV:	9 points
DP console:	2 set
PMS:	1 set

Wind Sensor:	3 set
INMARSAT-C (if requested):	1 set

## Jacking System

Type:	Electric Rack and Pinion
Total No. of pinions:	72
Normal Jacking Capacity:	115MT/pinion
Preload Jacking Capacity:	130MT/pinion
Preload Holding Capacity:	200MT/pinion
Storm Holding Capacity:	230MT/pinion
Jacking Speed:	Not less than 1.2m/minute