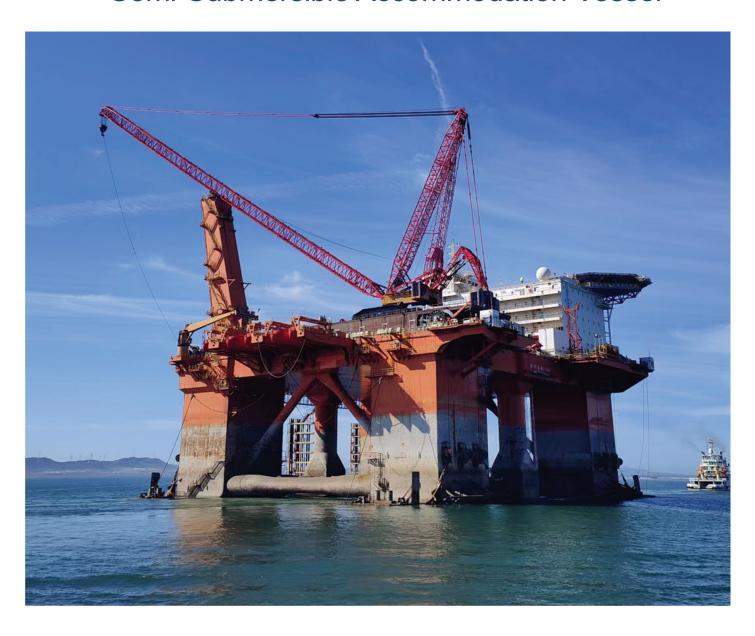
## HAISHISHENLOU Semi-Submersible Accommodation Vessel



The SSCV 'HAISHISHENLOU' is a large semi-submersible accommodation vessel. It is built to meet the highest accommodation requirements for offshore operations, with a vast open deck space for storage and maintenance purposes and 12 points mooring system.





## HAISHISHENLOU SEMI SUBMERSIBLE ACCOMMODATION VESSEL

GENERAL

Class : CCS

PRINCIPAL DIMENSIONS

Main Deck

Length : 80m Width : 70m Height (Keel to main deck) : 38m

**Pontoons** 

Length : 118m Width : 15m

**DESIGN ENVIRONMENT** 

Survival condition : Hs=12.0m
Hotel Operation condition : Hs=6.0m
Transit condition : Hs=3.0m
Sea water temperature : 0°C to 32°C
Outside air temperature : -10°C to 40°C

Structure design temperature : -10°C
Fatigue life : 20 years

**DRAUGHTS** 

Transit Draught : 7.8m
Hotel/Crane Draught : 23m
Survival Draught : 20m

**CAPACITIES** 

 Fresh Water
 : Approx 2100 m³

 MDO
 : Approx 1800 m³

Endurance : 58.3 days with 90% bunkers, 3x

engines in 89% load/ Deck Load

Net Deck Area : 2000m²
Port Hull Deck Load : 3 ton/m²
STBD Hull Deck Load : 3 ton/m²

VARIABLE LOADS

Hotel Variable : 5000 mT @23m Operational Draft
Crane Variable : 2970 mT @23m Crane Draft
Survival Variable : 5000 mT @20m Survival Draft
Transit Variable : 5000 mT @7.8m Transit Draft

## HELIDECK

1 x Helideck suitable for Westland EH101 or equivalent helicopter

**ACCOMMODATION** 

500 PoB : 1-Man Cabin : 2

: 2-Man Cabin : 15 : 3-Man Cabin : 68 : 4-Man Cabin : 66 : 312 persons

Mess room : 312 persons
Food in Provision Rooms : 8 days for 500 man (or layout

refrigerated on main deck up to 45 days)

**SAFETY EQUIPMENT** 

Life Boats : 10 x 100 persons with davits
Rescue boat : 1 x 6 Motor Resue Boat

Life Rafts : 25 x 25 persons

MAIN AND AUXILIARY MACHINERY

Main Generator : 4 x 1825 kW
Emergency Generator : 1 x 1300 kW
F. W generator : 3 x 70 tones/day

Sewage Plant : 2 x 270 man capacity vacuum type

**MOORING & TOWING** 

12 Point Mooring System: 12x Single Drum winches

Pre-lay mooring mode: Water depth 200m up to; 1000m 12 mooring lines Anchor mooring mode: Water depth from 35m to; 200ml 12 mooring lines 12 sets mooring lines: Each steel wire @76x2500, breaking load (MBL)

5000KN

Anchor : 12 x 15T anchors and 2 x15T Spare Anchors

Towing : 4 x SMIT Tow Brackets

Tugger Winches : 8 sets
Bollard : 8 sets

