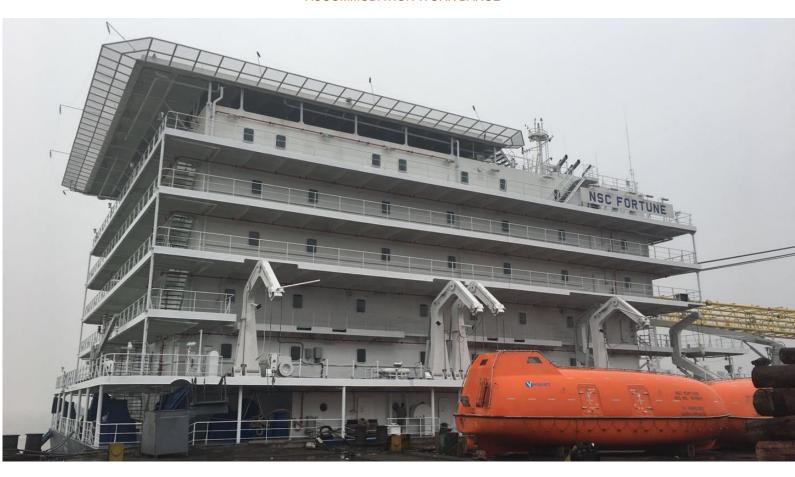
ACCOMMODATION WORK BARGE



PRINCIPAL PATICULARS

Length overall113.80MBreath moulded31.70MDepth moulded7.30MOperation Draft3.80MClassBVClass notation+ Hull

+mach special service – accommodation /work barge- no propulsion Unrestricted navigation,

ALM

ACCOMODATION

10 x 1 man cabin 8 men 17 x 2 men cabin 28 men 89 x 4 men cabin 264 men Total 400 men hospital 4 men Chiller sufficient for 400 men Freezer sufficient for 400 men Dry provision store sufficient for 400 men

CARGO CAPACITY

 $\begin{array}{cccc} \text{Clear deck area} & : & 2000\text{M}^2 \\ \text{Deck loading} & : & 15 \text{ t/M}^2 \\ \text{Fuel oil capacity:} & \sim 2100\text{M}^3 \\ \text{Fresh water capacity:} & : & \sim 2000\text{M}^3 \end{array}$

:

Executive cabins • Offices • Conference room • Fitness room • Recreation room • Prayer room• 42" Panel TV • Stereo Surround system • DVD player • Helideck waiting room

MACHINERY/PROPULSION

MAIN CRANE - 300 TON PEDESTAL MOUNTED CRANE

Cummins Main generator

diesel generator Cummins

HELIDECK

Helideck : 1 x high frequency type capable of S92 or Eurocopter EC225 reception rectangular in shape

NAVIGATION EQUIPMENT

Marine radar of 48NM, (220VAC) - 1 set

Echo Sounder IMO approved type, (24VDC or 220VAC) - 1 set

GPS IMO approved type, (220VAC) - 1 set Marine VHF transceiver 25W, (220VAC) - 1 set

CCTV displays for 8 mooring winches.

Satellite compass unit (24VDC) - 1 set

Remote control, tension readout, line indication &

Instrumentation consoles of mooring winches.

Window wiper - 2 sets

Binocular - 1 unit

DECK EQUIPMENT

Mooring anchor : 8 Delta Flipper

: 8 sets of single drum mooring winches Mooring winches

Tension sheaves : 8 off vertical tensions sheaves

: 8 off universal fairleaders supplied **Fairleads**

Capstan : 4 x 10t

: 2 x 10t tugger winch at fwd and aft main Tugger winch

deck and 1 x 10t tugger winch at fwd A deck

for towing bridle retrieval

Gangway : 1.2m x 16m

Provision crane : 1 x 2Mt @ 12M crane

LIFE SAVING EQUIPMENT

Life raft : 8 x 25 men each side

(total 16)

Life buoys : 10 sets

Lifejackéts 500

First aid kit · 1 set Rescue boat c/w davit per SOLAS : 1 set

Model : API Specification 2C "Offshore Crane"

Lifting capacity

-Main hoist-

Onboard lifts(static load) 300t up tp 12.6m radius - 12 falls

Offboard lifts (dynamic load Hsig=1.0m)

- · 240t up to 12m radius 12 falls
- · 145t up to 17m radius 6 falls

-Whip hoist- Onboard lifts

(static load):

- · 30t up to 62m radius –2 falls (limited by winch lifting capacity)
- · 1.5t up to 62m radius 2 falls man riding Offboard lifts (dynamic load Hsig=1.0m)
- · 30t up to 62m radius -2 falls
- · 1.5t up to 62m radius 2 falls man riding

Working radius

Main hoist: min: 11.2m at 82.5°boom angle

max: 57m at 15° boom angle

Whip hoist: min: 13.4m at 82.5°boom angle

max: 62m at 15° boom angle

Number of falls

Main hoist: 12 falls / 6 falls

Whip hoist: 2 falls

Hook elevation

Main hoist: (12 falls) 3m/min -- 300t load or 5m/min -150t load

(6 fallls) 6 m/min - 145t load or 12m/min -75t load

Whip hoist: 0~25m/min - 30t load

Hook speed(± 1~5%)

Main hoist: ~63m (from boom tip to deck level) Whip hoist: ~68m (from boom tip to deck level)

Wire rope

Main hoist: φ44mm, non-rotating, galvanized 1960N/mm², minimum

breaking load

Whip hoist: φ34mm, non-rotating, galvanized 1960N/mm², minimum

breaking load

Luffing hoist: φ44mm, non-rotating, galvanized 1960N/mm²

Minimum breaking load 1350N

Slewing

Range: 360° continuously Speed: 0.30rpm (±1~

Luffing

Range: $+15^{\circ} \sim +82.5^{\circ}$ (parking angle for boom can be $-6^{\circ} \sim +15^{\circ}$) Time full load: approx. 320s (+15° ~ +82.5°) from max. to min radius

with full load