

# HIND CONQUEROR

## General

Flag	TUVALU
Call Sign	T2QL3
Off No	22777610
IMO No	7425742

## Ship's Particulars

Built	Nisho- Iwai Co. Ltd/Yokohama Shipyard Co Ltd.1975 Previous name: Pertamina Supply No. 31 Hull No. 1366
Reconstruction	Labroy Shipbuilding & Engineering Pte. Ltd. 2002
Classification	Vessel built to ABS class + A1,(E) TOWING SERVICE + AMS for worldwide operation and for servicing and towing oil drilling Rigs. Vessel has outstanding speed and cargo capacity and is specially designed to serve oil rigs in remote areas.  Having twine screw, twin rudders and bow thruster unit vessel is equipped for long distance towing and has a BHP of 6000 with a bollard pull of 63.5 tons.  Vessel was designed for deep water and shallow draft operation
GMDSS Area	A1 +A2+A3+A4

## Principal Dimensions

Displacement	2459,31 Ton
Deadweight	1262,30
GRT	1163
NRT	349
Length BP	56, 85 m
Length OA	61,27 m
Breadth	12,8 m
Height fm Keel	28 m
Molded Depth	6,2 m
Free board	806 mm
Light Draft	2.85 m
Molded Draft	5,00 m

## Machinery

Main Engine	Two Niigata Diesel 12 MGV28BX 6000 BHP Continuous rating , 6590 BHP Max (2 x 2205 KW ) Dual control of ME & BT Unit, Forward & Aft
Auxiliary	Three unit Generators Caterpillar 3306 Diesel 275 BHP 205 KW 440 V AC Each three Phase 60 HZ
Bow Thruster	Detroid Diesel GM 8V71 287 BHP Hydraulic pump giving a maximum thrust 3,4 tons
Propellers	Two

## Twg & Aht Equipment

Bollard Pull	Sustained Bollard Pull 63.5 T
Towing Winch	Double Drum Waterfall 150 t
FUKUSHIMA Model DDW-35D	Winch control from Wheel House
Working Drum	1000 m capacity
Working Drum Wire	100 meters x 38mm
Towage Drum	1000 m capacity
Towage Drum Wire	800 meters x 64 mm diameter
Spare Towing Wire	800 meters x 64 mm diameter
Towing Stretcher	14" Cir X 25 mtr 8 strand 2-part nylon
Towing Pin	Pin Cap. 100 t (SWL)
Strong Jaw	Jaw Cap. 150 t(SWL)
Stern Roller	80 Tons SWL (450mm x 1950 mm)
Removable Stern Guard Pins	Two { P / S }
TWG Wire Protector - Round type	2 Pcs
Anchor Hook Line 15 T & 20 T	3 Pcs
Gog Wire44mmx4M	2 Pcs
Gog Wire 44mm x 5 M	2 Pcs
Pennant Wire 57mm x 45 M	1 Pcs
Pennant 57mm x 30 M	1 Pes
Wire Rope Clip 2.5"	8 pcs
Wire Rope Clip 50 mm	10 pcs
Shackles Swl 85 T	10 Pcs
Shackles Swl 55 T	11 Pcs
Shackles Swl 35 T	10 Pcs
Shackles Swl 25 T	8 Pcs
Shackles 17 T	9 Pcs
Shackle 9 1/2 T	5 Pcs
Shackle 6 1/2 T	5 Pcs
Delta Plate	1 Pes Capacity 55 ton
Wire Bridle 15 M x 54mm	4 Pcs
Wire Bridle 15 M x 57mm	1 Pes
Pelican Hook	1 Pc
Emergency Rope12"x50M	1 Pes
Norwegian buoy	2 Pcs
Chaffing Chain 60mm x 2.5M	4 pcs
Towing Navigation Light	2 Set
Lead acid Battery c/w metal box	6 Box
Yellow light flashing	3 Pcs
Spare Gog Wire 44mm x 5 M	2 Pcs
Snatch Block,5 Ton Cap.	2 Pcs
Eye Foundary Hook 7/8"	2 Pcs
Lock A-loy 7/8"	2 Pcs
Crosby Spelter Socket	1 Pc
Claw bars	4 Pcs

## Navigation & Communication Equipment

Radar	1 Set ( Furuno Model FR 1510
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### Cargo Capacity

Cargo Dead Weight	1 062	<b>Total cargo</b>
Deck Cargo	500 t	
Fresh Water capacity	247t	Transfer Pump 100 m3/hr at 60 m head
Drill Water capacity	390 t	Transfer Pump 100 m3/hr at 60 m head Drill Water Hoses 1 x 25 mtr x 75 mm dia
Fuel Oil {100%}	520 t	Transfer Pump 60 m3/hr at 60m head Fuel Hoses 3 x 25 mtr x 75 mm dia
Bulk Pressure Tanks	4 x 42	Total 170 m3 ( 6000 ft3 ) Compressor 725 m3/ hr at 42.66 P.S. I App. Rate 550 m3/hr at 50 m head Bulk Hoses 4 x 25 mtr x 100mm dia
Manifold	4	4 - port, 4 Starboard

### Deck

Strengthened deck with wooden sheathed (60 mm Thickness ) suitable for carry up to 500 tons of drilling equipment within the range of stability ,Clear deck space in between cargo rails -- 10m x 30m =300m2 {100ft x 40ft). Deck strength 1,7 t /m2 Cargo rail height 1, 5 m  
Special place for two removable containers ( Refrigerator )

### Refrigerator

Deep Freeze - 10 m3 at -17°C Cold Room-20 m3 at + 2°C

### Speed & Consumption

Main Engine	NIIGATA
Type	12 MGV-28BX
H.P	2X3000H.P

MAIN ENGINE	RATED	NORMAL	CRUISING SPEED	ECONOMICAL SPEED
		<b>FULL SPEED</b>		
MAX .RPM	720	650	620	600
PITCH	100%			
PERCENTAGE %	100%	90%	86%	83%
AV.SPEED	( GOOD WHEATHER CONDITION )			
Free Running	14 Knots	12 Knots	9 Knots	7 Knots
Towing / Cargo	9 Knots	8 Knots	6 Knots	5 Knots
Towing Free Cargo				

### Fo.Consumption X 2 Engine

	Towing Consumptions	Towing Consumptions	Towing Consumptions	Towing Consumptions
LTRS / HOURS	882 Ltrs	796 Ltrs	776 Ltrs	735 Ltrs
LTRS/DAY	21.168 Ltrs	19.104 Ltrs	18624 Ltrs	17640 Ltrs
Metric Tons / Day	18.308 Mt	16,52 Mt	16.107 Mt	15. 256 Mt

### Aux Engine Consumption

	IN PORT	AT SEA
LTRS /HOURS	25.75 Ltrs	26 Ltrs
LTRS/ DAY	618 Ltrs	624 Ltrs

Auto Pilot	MARK 3 )
Barometer	Furuno FAP 330 - S/N 2782
Clear View Screen	1 Pc. MERK HAMBURG
Compass Divider	3 Forward & 1 aft
Digital Master Gyro	2 SET
DSC / Watch Receiver	SIMRAD RGC -12 -S/N 62797
Echo Sounder	1 unit ( Furuno Model DSC 60 )
GMDSS VHF RADIO	1 Unit ( Furuno FE 606 / 8606-7788 )
GPS	3unit (Murdo Model R1)
Gyro Digital Repeater	2 Unit (Furuno Model GP 80, GP 32)
INETRCOM Ring Master	SIMRAD AR 77
INM MINI-C For SSAS	2 unit
iNM-C C/W remote alarm	1 Set ( Furuno Model Felcom 16 )
Master Gyro Compass	2 Set ( Furuno Model Felcom 12 )
Navtex Receiver	1 UNIT (PASS RGC-12)
Portable VHF Radio	ICS Nav 5
Radar	5 Unit (ICOM IC-M1V)
RADIO Console (FURUNO)	1 Set (Furuno Model 1932 Mk2)
Rudder Angle Indicator	1 unit .MDL RC-1500 -IT
SSB Transceiver	1 Set (Palmarine)
Standard Magnetic Compass	1 Set ( Furuno Model FS1562 - 25)
UAIS Transponder	DIEKO - KEIKI SR150PK/8476
VHF Radio Telephone	1 unit ( Model Furuno FA 100)
VHF Radio Telephone (ICOM)	2 unit ( Furuno Model FM 8500, FM
Weather Fax	1 unit (IC- M302 )
Wind Speed	1 Set (Furuno Model Fax 207)
	1 Pc. MERK YOUNG

### Fire Fighting Equipment

Main Fire Pump	One. 100 m3 / h at 20m head , Motor
Fire Pump	One. 200 m3/h Diesel
Monitors	One Water monitor
Fire Fighting Pump	One 200 m3/hr at 140 mtrs Head
Emergency Fire Pump	One, 100m3/hr. at 20 mtr head
Portable Extinguishers	4 Pcs. in Engine Room (6,8kg ) 15 pcs
Portable Foam Ext.	One. 10 gallons
C02 Fixed System	16 Bottels , each 45 kg.Total 765 kg C02
Hydrants	11 Pcs
Fire Detectors	22 & 3 Eltek Marine ANX 95 ( Smoke & Heat )
Fire Alarm	1 & 10 Eltek Marine ANX 95 { Masters & Call point )
Hoses & Nozzels	11 Pcs. 1 1/2"X 20m Length , Spray & Jet Nozzles 2 Pcs. Spare Multipurpose 2 Pcs.2" x 20m Length, Spray & Jet Nozzles 2 Pcs, Spare Spray & Jet Nozzles
Int. Shore Connections	1 Pcs
Breathing Apparatus	Two & Two spare bottles
Fireman's outfit	Two Sets
Note:	As additional Fire Pumps can be used Drill water transfer

Kgm / hours  
 Metric Tons ? Day                      0.533 Mt                                      0.540 Mt                                      pump 100 m3

### Accommodations

Hospital	Stretcher Neil Robertson 1 set Stretcher type Para guard 1 set Medical Oxygen Resuscitator 1 Set, 1 spare bottle Pharmacist Certification First aid locker 9th April 2007 Portable First Aid Kit - Three boxes
Single cabins	Four
Double cabins	Nine
4 berth cabins	Two
Total Berths	Thirty

### Deck Equipment

Windlass	Hydraulic motor driven cap 9t x 9m/min
Anchor chain	Grade 2 34mm x 385 M Each (14 Shackles each )
Anchors	2 x 1,080 kg (Danforth)
Crane	2,500 kg hydraulic crane on starboard side
Tugger Winches	2 Hydraulic, 5 tons Pull each, Wire 18mm x 100 m
Capstan	2 Aft P/S,3Ton each
Search Lights	Two x 1,000 watt, one Forward/Aft
Welding & Cutting Equipment	Telwin - Type 500 HD one sheet + Cutting torch including 4 bottles Oxygen - 3 bottles Acetylene
Salvage Pump	Cap. Output 3,1 KW (Yanmar)
Cargo Deck Floodlights	4 x 1000 watt

### Life Saving Appliance

EPIRB 406/121.5 mhz	1	Mac. Murdo E3 / 406 MHZ
S.A.R.T.	2	Mac. Murdo RT 9-3
Immersion suits	30	
Thermal protective aids	40	
Rescue Boat	1	Mercury OT 3755571, Capacity 6 Person
Life Raft	2	For 25 person each
Life Raft	2	For 10 Person each
Life buoys & Lights	2	MSC 8177
Smoke & Light Buoys	2	MSC 8177
Buoys with Line	4	MSC 8177
Life Jackets	40	Jiangyin
Line throwing apparatus	4	
Pyrotechnics	2	
	12	
	6	

**Note : All Specifications Subject to Change Without Notice**