



Vessel Specification

Nökö



Description	Details
MAIN PARTICULARS	
Company/Owner	Finnish Sea Service Oy
Vessel name	Nökö
Vessel type	Cargo ship/ pontoon
No. of crew	2
No. of PAX	4
Flag state & certification	Finland 201771
Classification Society & Notation(s)	Trafi, Sea area 3
Builder/Yard/number	Parkano/ Rauma
Hull material	Steel
Year of Build/ Hull modified (extended)	1958/ 2007
Length Over All (LOA) [m]	24,25
Length between perpendiculars (Lbp) hull [m]	23,28
Beam over all [m]	12,80
Extreme draught [m]	1,22
Operational Draught [m]	1,21
Minimum operational water level below keel [m]	0,3
Freeboard height @ midship [m]	1,42
Bow Height [m] @ transfer point	Exemption certificate (Trafi)
GRT	104
NET	32
Max. dead weight displacement [tonnes]	NA
Fresh water capacity [litres]	2000
Fuel transfer capability [yes/no]	NO
Fuel Capacity [litres]	6000
OPERATIONAL PARTICULARS	
Details	
Service speed [knots]	6
Max. speed [knots]	7

Operational hours restriction if any [hours]	nil
Bollard push [tonnes]	N/A
Bollard push to displacement ratio [BP tonnes/ Displacement tonnes]	N/A
Transfer Operation limit [Hs] and corresponding wave direction to the vessels (eg. 1.5m @head	0,8m/ 14m/s
MACHINERY PARTICULARS	
Details	
Engine manufacturer/Engine type	Iveco 8210/03.00
Number of engines installed.	2
Total Installed power [kW]	306kW
Generator	Iveco 3 phase 400v,63A 30 KVA
Fuel Specification/grades [Standard] incl. lubricants	Distillate ISO8217
Bow thruster [yes/no]	No
Bow thruster power [kW]	NA
Engine load @ service speed	80 %
Engine load @ Max. speed 2	100 %
Fuel consumption [litres/h] @ service speed	80 Ltr/h
Fuel consumption [litres/h] @ Max. speed	250 Ltr/h
Propulsion system type [WJ, CPP, FPP, IPS, other],	Azimuthing (360)
Propulsion system manufacturer and make	?
If WJ – Max. WJ input power [KW] @ zero speed, ie Bollard Push [kW]	
DECK ARRANGMENTS & EQUIPEMENT	
Details	
Crane [yes/no]	Yes
Crane specification if any.	25Mt/3 m Lokomo mobile crane A331NS
Container position [yes/no]	Yes
Container position details. [no. aft, no. fore]	TBA

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HP washer	Yes
CARGO capacity total [t]	100 Mt
Cargo capacity fore deck[t]	80 Mt
Cargo Capacity aft deck [t]	20 Mt
Specific deck load [t/m^2]	N/A
Free Deck Space fore deck[m^2]	200 m2 Total
Free deck space aft deck [m^2]	
Sewage discharge shore connection	discharging by vacuum suction from quay side
Oily Bilge water discharge shore connection	yes
Transfer system/Prepared for Transfer system [yes/No] & [Type]	
NAVIGATIONAL EQUIPMENT & COMMS.	Details
Crewfinder system corresponding to the (Personnel locator Beacons (PLB's) used on site [Yes/No]	N/A
The vessel must at least be equipped with GPS [Yes/No]	Yes
The vessel must at least be equipped with NAVTEX [Yes/No]	NO
Communication system on board the vessel must allow communication between the master at the helmsman position and deck crew at any position on the vessel. [Yes/No]	NO
Radar reflector [Yes/No]	Yes
Automatic identification system (AIS) class A [Yes/No]	Yes (AIS1,AIS2)
Updated nautical paper charts for the operational area and electronic chart display approved by authorities. [Yes/No]	Yes
Propeller RPM or thrust indicator [Yes/No]	Yes
Rudder angle indicator (or direction of steering thrust) [Yes/No]	Yes
GHz Radar with plotting function [Yes/No]	Yes (3cm)

Echo sounding device [Yes/No]	Yes
Speed and distance measuring device capable of measuring speed through the water (speed log) [Yes/No]	No
Satellite compass [Yes/No]	Yes
A fixed mounted magnetic compass, properly adjusted with deviation table [Yes/No]	?
Sound signalling equipment [Yes/No]	Yes
GMDSS Radio equipment	As per radio certificate domestic 3
Handheld VHF for deck personel	2
VHF with DSC & P-channel as advised by site	1
Emergency Position Indicating Radio Beacon (EPIRB)	1
Search and Rescue Transponder (SART)	1
ACCOMMODATION ARRANGEMENT	Details
Seating (number, recline, suspended, fixed)	6
Storage	1
Mess/Pantry and toilet/shower	1
Dry baggage storage	1
Comfort levels, Noise levels	
HVAC	NO
FIRE FIGHTING APPLIANCES	Details
Fixed fire extinguishing system	0
Portable extinguishers	8
Fire pump(s)	1
Fire Hoses	1

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Fire Blanket(s)	1
Other	
LIFE SAVING APPLIANCES & RESCUE EQUIPMENT	Details
Liferafts(number, position, total persons accommodated)	1 pcs, 6 persons
Immersion suits (number)	6
Thermal Protective aids (number)	0
Life jackets (number)	6
Life Buoys (number)	3
Man Over Board Equipment	0
Search Lights (Number, remotely operated, portable)	1
Defibrillator [yes/No]	No
ADDITIONAL FEATURES/REMARKS	Details
Vessel Motion Monitoring System	-
CCTV monitoring and recording of operations	-
Other	-