



M/V "ELEKTRON"

Cable Stand-by Vessel /Roll-on/Roll-off Carrier

Owners

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Identification

Call Sign: LADO
IMO No: 9386811
DnV no: 27243
MMSI no: 258 538 000

Communication to vessel

Captain mobile : + 47 94 82 91 95
Sealink : + 47 51 85 36 86
Bridge mobile : + 47 95 90 72 26
Sealink : + 47 51 85 36 83
Engine Sealink : + 47 51 85 36 86

Fax (bridge): + 47 95 94 44 28
Guard phone : + 47 95 93 02 18
E-mail : elektron.bridge@elektron.mokster.no
E-mail : elektron.captain@elektron.mokster.no
E-mail : elektron.engine@elektron.mokster.no
E-mail : elektron.office@elektron.mokster.no

MAIN DETAILS

Type:
Roll-on / Roll-off Carrier

Class DnV
■1A1 ICE-C General Cargo Carrier
RO/RO E0 DYNPOS-AUTR CLEAN

Certificates
World Wide, Solas, Load line conv. 1966 NMD.

Other
Vessel built: B.no 189 2008 Flekkefjord Slipp & Maskinfabrikk AS
Port of registry : Drammen
Flag : Norwegian

Main dimensions

Length o.a.	:	87.35 m
Length p.p.	:	82.55 m
Breadth	:	18.00 m
Depth	:	4.80 m
Depth Mld 1 st deck	:	6.50 m
GT (ITC 69)	:	3205 t
NT (ITC 69)	:	961 t
GWT	:	3514 t

Deck capacity

Cargo deck area	:	890 m ²
Cargo deck length	:	60 m
Cargo deck load	:	2000 t

Stern ramp

Lengt	:	16 m
Breath drive-way	:	9.6 / 11.4 m
Frame (height / breath)	:	10 m / 11.4 m
Max load on ramp	:	500 t

Deck crane

HMC 1800 LK 50-30	:	5 t x 30 m
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Securing points

2 x 15 pcs x 40 T Securing load, transverse spacing, app = 13mtr.

(Covering the mid deck area, longitudinal direction)

2 x 46 pcs x 18 T securing load, longitudinal spacing = 1,2 mtr, transverse = 6 mtr.

(Covering the centre area of deck)

2 x 34 pcs x 18 T securing load, longitudinal spacing = 1,2 mtr, transverse from points above = 4,0 mtr.

Chains, shackles, turnbuckles and other securing equipment are all certified and have capacities related to securing points on deck.

Upgraded to Cable Stand-by Recovery Vessel 2009

The following equipment has been installed on M/V Elektron 2009, to be able to function as "Cable maintenance Vessel":
Two new removable mezzanine decks prepared for ROV, Lars, and Cap jet.

Prepare for installing 5 accommodation containers.

New A-frame with one fitted for 50t SWL and 2 x 25t SWL.

New winch 25t 400 m wires.

Extra fixed crane with capacity of 7,5t x 14 m

Mounted 1 fixed "Hi-Pap 500.

Extra safety equipment for crew.

Total safety equipment onboard for 44 crew member.

Pump capacity

Water ballast pump	:	2 x 300 m ³
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Tank capacity

Fuel oil	:	430 m ³
Fresh water	:	240 m ³
Water ballast	:	2850 m ³

Main engines

1 x 1825 kW Caterpillar 3516 B engine
2 x 1360 kW Caterpillar 3512 B engines

Main Propulsion

2 x Rolls Royce Aquamaster 1200 kW

Thruster

2 x Rolls Royce Bow-thrusters 883 kW

Speed

Max	:	12.0 knots
Service	:	10.0 knots

Consumption

Approx. in standby	:	1,2 – 1,5 m ³ / 24 hours
Max speed	:	14.0 m ³ , 12 knots / 24 hours
Service speed	:	9.0 m ³ , 10 knots / 24 hours

Accommodation

Total 21 cabins (9 crew and 12 passenger cabins)

Total 32 beds (9 crew and 23 passenger bed)

Very good facilities for the crew. Max. 34 people.

Navigation equipment

1 x JRC 10 cm Radar.
1 x JRC 3 cm Radar
2 x Meridian Standard Gyro compass
1 x JRC JLR-10 GPS compass
1 x Kongsberg K-Pos DP2
1 x Northstar MX500 D-GPS
2 x Simrad CS68 ECDIS
1 x Simrad AP50 Autopilot

Communication equipment

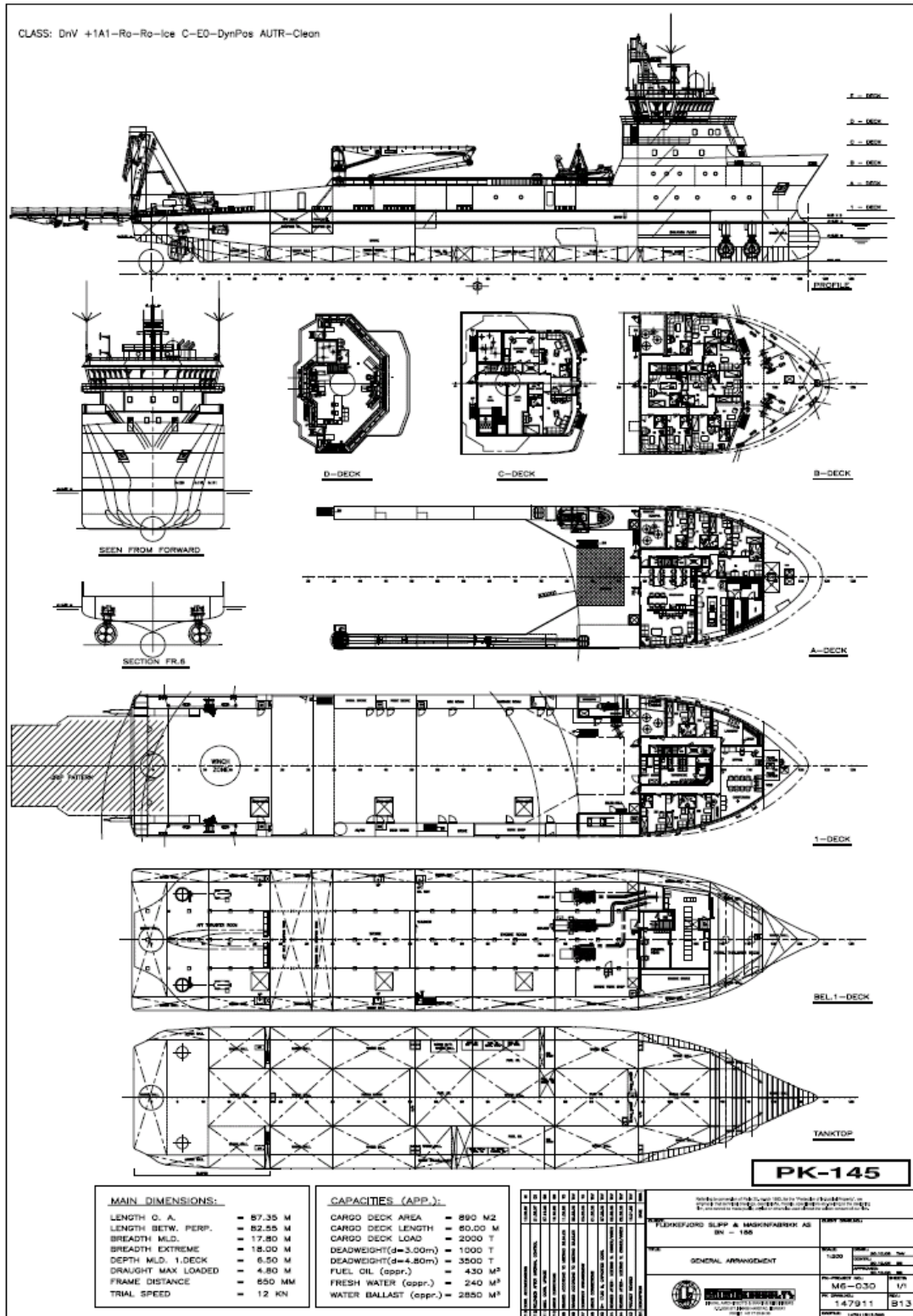
Sealink Phone, email an fax
Vingtor intercom and ascom (portable)
GMDSS A3 JRC Radio station
2 x McMurdo 9 Ghz SART
2 x E5 Smartfind Cospas - Sarsat EPIRB
3 x Jotron Tron TR20 VHF porable
9 x Motorola GP340 UHF portable
1 x JRC NCR-333 Navtex
1 x JRC JHS 182 AIS

QA – Requirements

ISM certified
ISPS certified
ISO-9001:2000 certified
ISO-14001:2004 certified



M/V ELEKTRON GA PLAN ORIGINAL



M/V ELEKTRON GA PLAN AFTER UPGRADE 2009

