



M/V "ELEKTRON II"

Roll-on/Roll-off Carrier

Owners

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NORWAY

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Managing Company

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Identification

Call Sign: LFFW
IMO No: 9630520
DnV no: 07220
MMSI no: 258208000

Communication to vessel

Sat. Phone Bridge :+ 47 21 54 92 85
Sat. Fax Bridge. :+ 47 21 54 92 86
GSM Phone Bridge :+47 90 84 76 33

GSM Fax Bridge :+47 90 21 10 73
Captain/Mobil :+47 47 85 74 58
E-mail : bridge@elektron2.mokster.no
E-mail : captain@elektron2.mokster.no
E-mail : engine@elektron2.mokster.no

MAIN DETAILS

Type:
Roll-on / Roll-off Carrier

Class DnV
1A1 ICE-C E0

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

Other
Vessel built : 1969 A/S Trondhjems mek. Verksted
Port of registry : Oslo
Flag : Norwegian

Main dimensions

Length o.a. : 77,20 m
Length b.p. : 69,60 m
Breadth : 14,00 m
Depth : 3,01 m
Depth Mld : 4,40 m
GT (ITC 69) : 1628 t
NT (ITC 69) : 499 t
GWT : 624 t

Deck capacity

Cargo deck 1 area	:	600 m ²
Cargo deck 2 area	:	480 m ² (limited height and access)
Cargo deck 1 length	:	52 m
Cargo deck 1 load	:	515 tm (Tot Axle load max 40 tm and wheel load 10 tm inside long. girders Outside 34 tm and 8,5 tm.)

Bow ramp

Length	:	10 m
Breath drive-way	:	5 m
Frame (height / breath)	:	10 m / 5 m
Max load on ramp	:	300 t

Deck crane

FASSI crane 1,25 t at max range 8,3m
Boom 20t SWL

Securing points

Fixed securing devices deck 1
2 x 42 pcs x 20 tm MSL,
2 x 4 pcs x 10 tm MSL
2 x 2 pcs x 5 tm MSL
2 x 2 pcs x 2 tm MSL
Fixed securing devices deck 2
5 x 2 pcs x 10 tm MSL
11 x 2 pcs x 5 tm MSL

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

Pump capacity

Water ballast pump	:	1 x 800 m ³
	:	1 x 60 m ³

Tank capacity

Fuel oil	:	230 m ³ (85 %)
Fresh water	:	60 m ³
Water ballast	:	528 m ³

Main engine

1 x MAK 8M 451 1500 BHP

Auxiliary engines

2 x Scania DI 14 73M 220V/50 Hz a 310 kW
1 x Bow-thrusters 300 KW

Speed

Max	:	12.0 knots
Service	:	10.0 knots

Consumption

Idle in port	:	0.5 m ³ / 24 hours
Max speed	:	6.0 m ³ , 12 knots / 24 hours
Service speed	:	5.0 m ³ , 10 knots / 24 hours

Accommodation

Total 14 cabins (7 crew and 7 passenger cabins)
Total 20 beds (7 crew and 13 passenger bed)

Navigation equipment

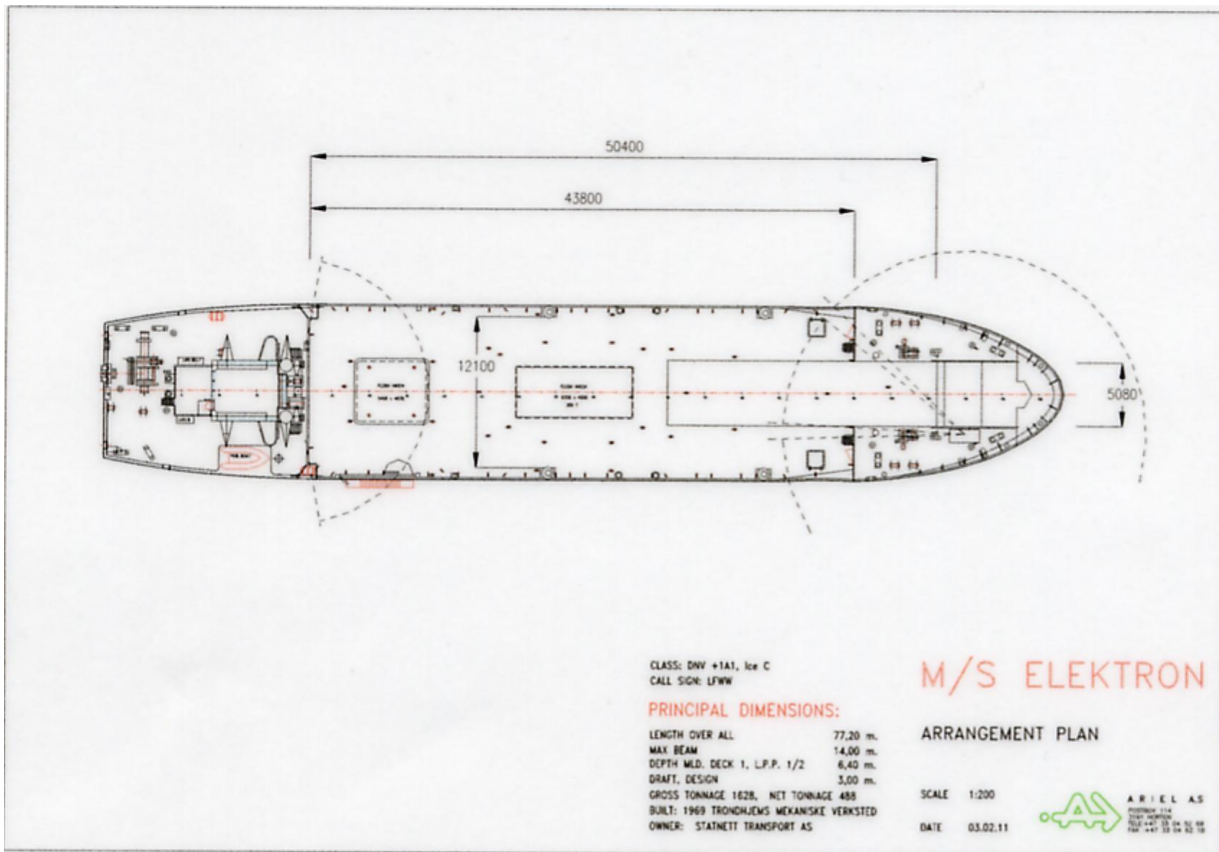
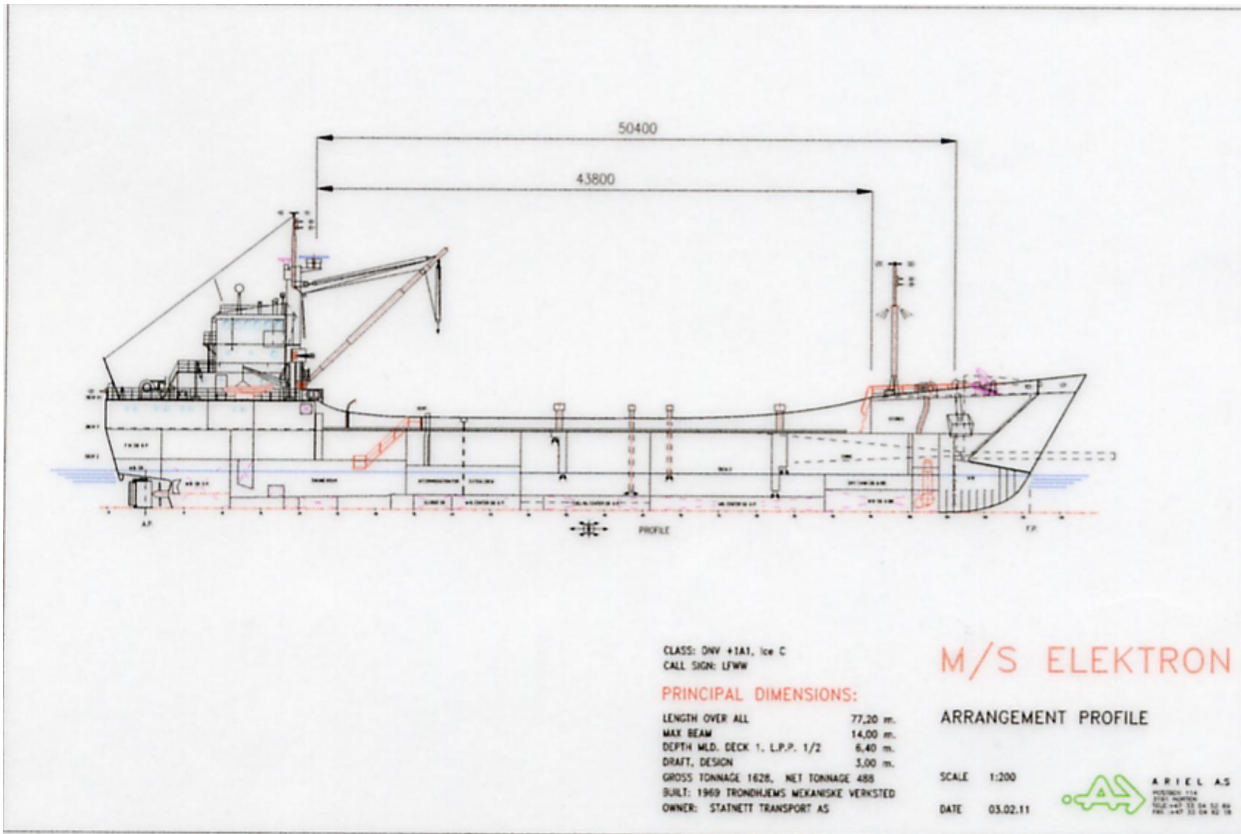
1 x Furuno 10 cm Radar.
1 x Furuno 3 cm Radar
1 x Furuno 10 GPS compasss
1 x Furuno GP 80 GPS
1 x Elchart 2025 ECDIS
1 x Anzuts Pilotstar D Autopilot

Communication equipment

Sevsat Phone, email an fax
intercom
GMDSS A3 Furuno Radio station
2 x Jotron 9 GHz SART
1 x – Tron 40 s EPIRB
3 x Jotron Tron VHF portable
6 x Motorola GP340 UHF portable
1 x Furuno Nx 500 Navtex
1 x seatex AIS 100

QA – Requirements

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



MV ELEKTRON II - SPESIFICATION

DECK:	
Dimensions:	
Deck length from bow ramp to poopdeck:	52,0 m
Beam moulded:	140 m
Frame spacing over all:	0,6 m
Capacity:	
Deckstrenght / capacity in center between longitudinal (5,2m) is made for trailers with a gross weight of 400 tons, 40 tons axle pressure and 10 tons wheel pressure	
Deckstrenght /capacity outside longitudinal is dimensioned for trailers with gross weight of 272 tons, 34 tons axle pressure and 8,5 tons wheel pressure	

RAMPE:	
Type: Bowramp	
Dimensions:	
Total length (Hinged in the middle)	12 m
Width:	5,0 m
Capacity:	300 tons

DRAF	
Light ship:	FF = 0,969 m, AP = 3,087 m, LPP /2 = 2.028 m
Loaded Ship:	FP = 1.905m, AP = 4,116 m, LPP /2 = 3,010 m

JETTY I RO-RO FACILITIES:	
(Height from waterlevel to top of foundation)	
Minimum height for operating bowramp:	1,6 m
Maximum height for operating bowramp:	2,0 m

WINCH:	
(Auxiliary-to embark heavy loads on-deck)	
Warpwinch aft on poopdeck with capacity:	10t SWL

GEAR:	
Lifting capacity:	20t SWL

