

SIRIUS

TECHNICAL INFORMATION



9,5 m
viewheight
Tug & pushboat

Muller.

SIRIUS

HEAVY | HARBOUR & RIVER | SALVAGE & RESPONSE | ICEBREAKING

General Information

Ex name(s)	Alfons-W. Sr., Res Nova
Year of construction	19-05-1966
Builder	Scheepswerf "Voorwaarts", W-Grafdijk
Build type	Tug, Yard no. 422
Classification	Inland navigation, Cert. for Rhine, ADNR
National Authorities	IVW
IVW number	251
Flag	Netherlands
Call sign	PE4661
ENI nr	03110622
FD nr	FD65352
MMSI	244051000
Port of registry	Dordrecht

Main Particulars

Lenght o.a.	23.23 m
Breadth o.a.	6.35 m
Minimum draught	2.30 m
Maximum draught	2.70 m
Viewing height	9.50 m
Air draft	5.50 m (min sailing height)
Displacement	155.7 m ³ (max) 130.6 m ³ (with empty tanks)

Performance

Free sailing speed	19 km/h
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Propulsion

Main Engines	1 x CAT Type 3512 DITA
Total power	1,170 hp (787 kW) at 1800 rpm
Gearboxes	1 x Masson RDS 571
Type of propulsion	1 x Single fixed screw
Propellers	1 x 1700 mm
Nozzles	None (open screw)

Auxiliary Equipment

Generator sets	1 x IVECO Type 8031 I 0605 A500
Capacity	35 kVA

Deck Lay-out

Anchor (aft-ship)	1 x 1217 kg Schmitt Anchor Type "SHH-FB" (LR approved)
Wire aft anchor	1 x 60 m, ø 24 mm steel wire, MBL 402 kN
Anchor (fore-ship)	2 x 513 kg Heuss-Spezial Anchor Type Klipp (GL approved)
Chain fore anchor	2 x 40 m, ø 22 mm anchor chain
Coupling winch	2 x hydraulic coupling winch
Towing hook	1 x Mampaey towing hook, disc-type

Tank capacities

Fuel Oil (MGO)	22.20 m ³
Day tank (MGO)	0.6 m ³
Fresh Water	2.80 m ³
Lub Oil	0.60 m ³
Ballast Water	9.80 m ³

Accommodation

Heated and air-conditioned living spaces for 4 persons, consisting of a galley and mess room, workshop and sanitary facilities on main deck, captain's cabin and a helmsman's cabin on the below deck, one double crew cabins on the below deck.

Nautical equipment

AIS, GPS, radar, curve indicator, VHF, Digital Navigation programs

Contact Details

E-mail	sirius@muller-dordrecht.nl
E-mail Office	operations@muller-dordrecht.nl
Telephone Bridge	+31 (0) 653 115 463
Telephone Office	+31 (0) 786 392 000

Muller Dordrecht

T +31 (0) 78 639 2000 (24/7) | E sales@muller-dordrecht.nl | muller-dordrecht.nl

