



DAMEN MODULAR FERRY 3012

"ALBERT NILE-1"

GENERAL

Yard number	523039
Basic functions	The Damen Modular Ferry is a roll on roll off (RoRo) ferry for inland water service series, built in steel to standard design. The Vessel is specially designed to safely transport passengers and vehicles.
Description	The entire hull of the Vessel consists of container sized units. These container sized units are called Damen Modular Barges and can be coupled together in the water with a specially designed coupling system, called the Damen Link. Because of this modular system, the entire Vessel can be transported by ship, truck or train to her final place of destination and assembled locally.

DIMENSIONS

Length o.a.	42.40 m
Length pontoon	30.40 m
Beam o.a.	17.30 m
Beam pontoon	12.20 m
Depth at sides	1.80 m
Draught at payload 60 ton (approx.)	0.90 m

CAPACITIES

Fuel	20.8 m ³
Sewage	10.0 m ³
Outside water	2.5 m ³
Potable water	1.0 m ³
Cardeck	80 lane meters (3 lanes)
Passenger seats	200

PERFORMANCES (approx.)

Speed	8.9 kn
-------	--------

PROPULSION AND STEERING SYSTEM

Main engine	4x diesel driven deck mountable propulsion units.
Total power	448 bkW (600 bhp) at 2200 rpm

PRIMARY SHIP SYSTEMS

Bilge / deckwash / fifi pump	2x
------------------------------	----

ELECTRICAL SYSTEM

Network	24/230/400 V
Main generator set	1x 17 kVA

HYDRAULIC SYSTEM

Electrical driven hydraulic power pack	1x
----------------------------------------	----

DECK LAY-OUT

Anchor	2x
Bollard (double)	4x
Ramps (l x w)	6.0 x 4.0 m

LIFE SAVING EQUIPMENT

Life buoy	8x
Life jacket	300x (250 adults and 50 children)
Floating apparatus (12 pax)	17x
Fire extinguisher	8x
First-aid kit	2x
First aid lifting stretcher	1x
Rescue boat (6 pax)	1x

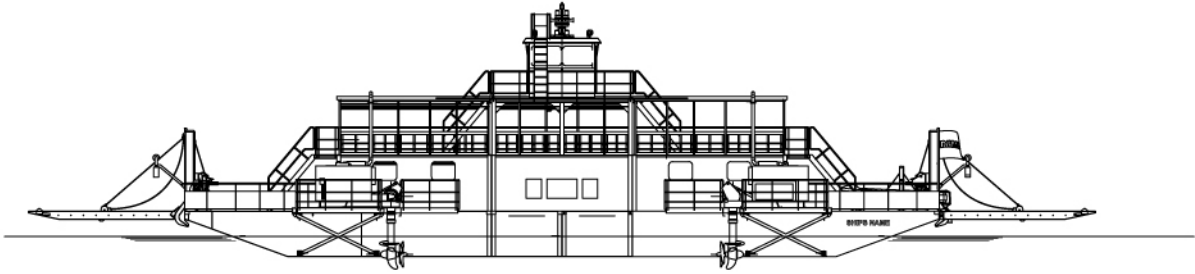
SUPERSTRUCTURE

Accommodation	Timber lined seats for 200 passengers with sun awning on first deck and shelter on main deck.
Technical space	
Toilet	4x
Wheelhouse	The efficient layout offers an unobstructed view in all directions at bridge deck.

NAUTICAL AND COMMUNICATION EQUIPMENT

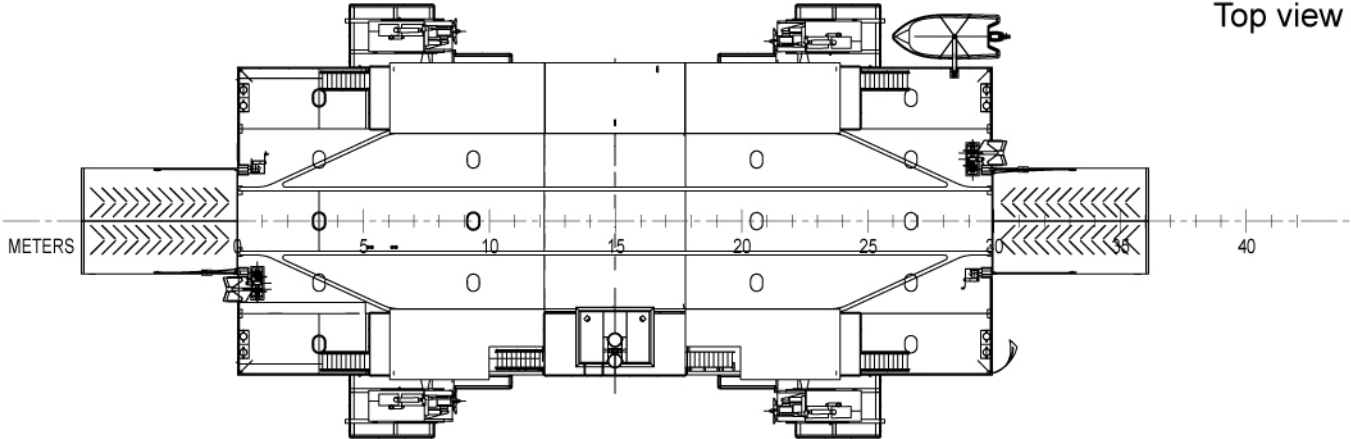
Navigation lights	All necessary navigations lights are installed.
Search light	2x
Horn	1x
Radar	2x
GPS	1x
Echosounder	1x
Public address system	1x
VHF	1x
Barometer	1x
Binoculars	1x

Starboard side view



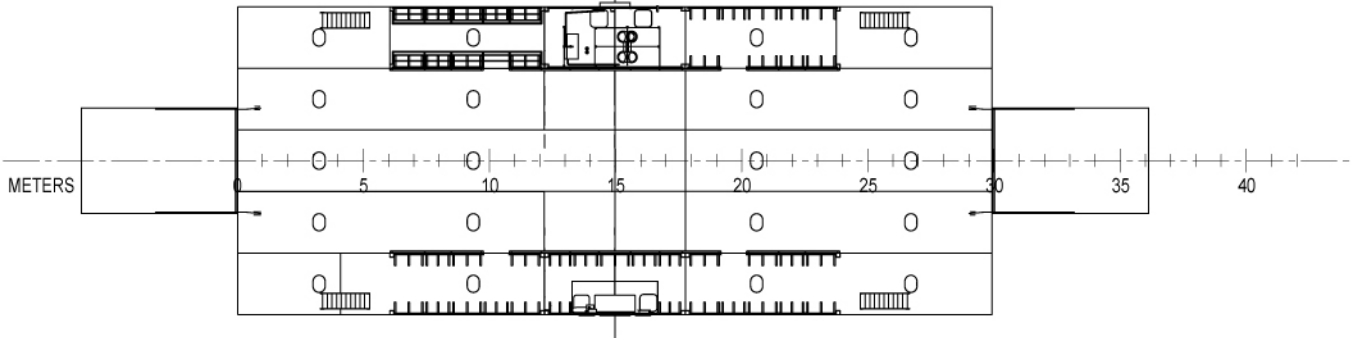
METERS 0 5 10 15 20 25 30 35 40

Top view



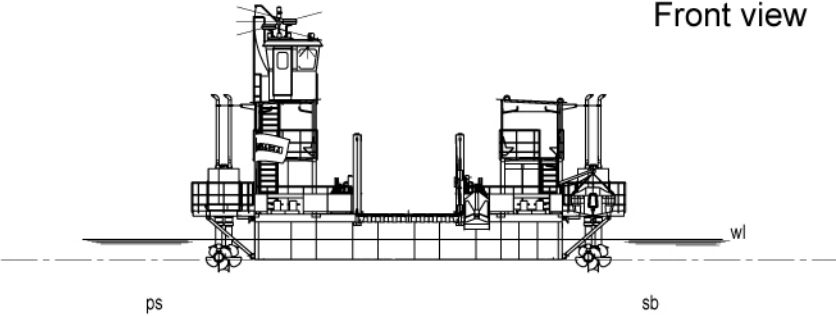
METERS 0 5 10 15 20 25 30 35 40

First deck



METERS 0 5 10 15 20 25 30 35 40

Front view



DAMEN MODULAR FERRY 3012

"ALBERT NILE-1"



DAMEN SHIPYARDS GORINCHEM

Member of the DAMEN SHIPYARDS GROUP 

Industrieterrein Avelingen West 20
4202 MS Gorinchem

P.O. Box 1
4200 AA Gorinchem
The Netherlands

phone +31 (0)183 63 99 11
fax +31 (0)183 63 21 89

info@damen.com
www.damen.com

DSGo-C&MC-2016-08-04

© No part of the leaflet may be reproduced in any form, by print, photo print, microfilm, or any other means, without the written permission from Damen Shipyards Gorinchem.