



## DAMEN WATER BUS® 3007

"VLIJ" & "SCHIE"

### GENERAL

|                 |                                                                     |
|-----------------|---------------------------------------------------------------------|
| YARD NUMBER     | 538201 and 538202                                                   |
| DELIVERY DATE   | 2004 / 2006                                                         |
| HULL MATERIAL   | Aluminium                                                           |
| SUPERSTRUCTURE  | Aluminium                                                           |
| BASIC FUNCTIONS | Fast Passenger Ferry                                                |
| CLASSIFICATION  | Bureau Veritas                                                      |
|                 | 1 ✕ HULL, • MACH, Lightship / Fast Passenger Vessel, Sheltered Area |
|                 | National authorities requirements for inland waters                 |
| SAFETY          | The Netherlands                                                     |
| FLAG            | The Netherlands                                                     |
| OWNER           | Waterbus B.V.                                                       |

### DIMENSIONS

|                |         |
|----------------|---------|
| LENGTH O.A.    | 31.30 m |
| BEAM O.A.      | 7.70 m  |
| DEPTH MOULDED  | 2.49 m  |
| DRAUGHT (HULL) | 1.41 m  |

### TANK CAPACITIES

|             |                     |
|-------------|---------------------|
| FUEL        | 2.00 m <sup>3</sup> |
| FRESH WATER | 0.22 m <sup>3</sup> |
| SEWAGE      | 0.22 m <sup>3</sup> |

### PERFORMANCE

|                  |                                                            |
|------------------|------------------------------------------------------------|
| SPEED AT 90% MCR | 21 kn. at 12 tonnes deadweight                             |
| WASH, MAXIMUM    | 0.25 m (crest to through) at 35 m from vessel transit line |

### PROPULSION SYSTEM

|              |                                   |
|--------------|-----------------------------------|
| MAIN ENGINES | 2 x Caterpillar C 12              |
| TOTAL POWER  | 732 bkW (980 bhp) at 2300 rpm     |
| GEARBOXES    | 2 x Twin Disc 5114A               |
| PROPULSION   | 2 x CuNiAl Fixed pitch propellers |

### AUXILIARY EQUIPMENT

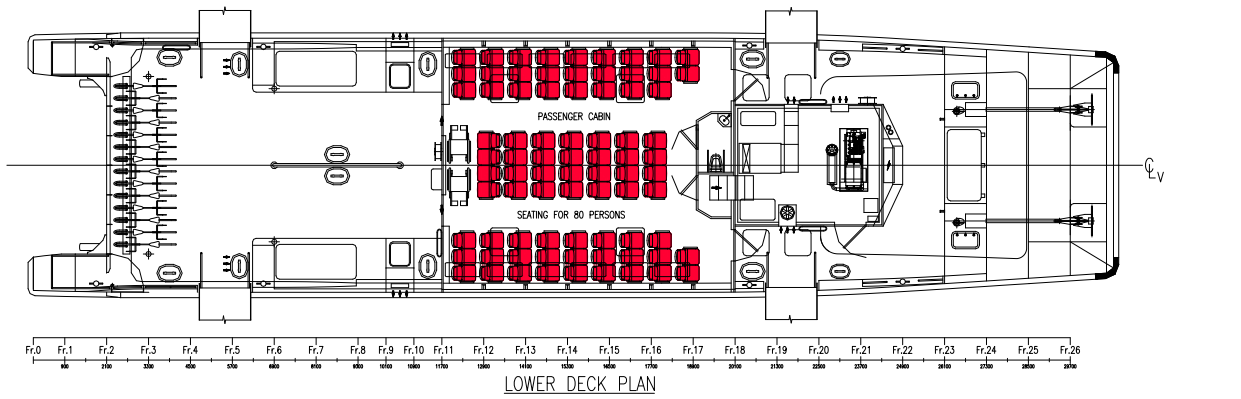
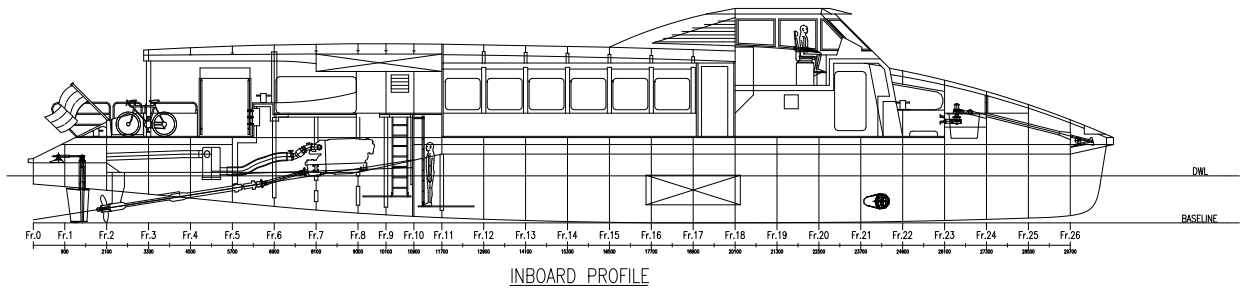
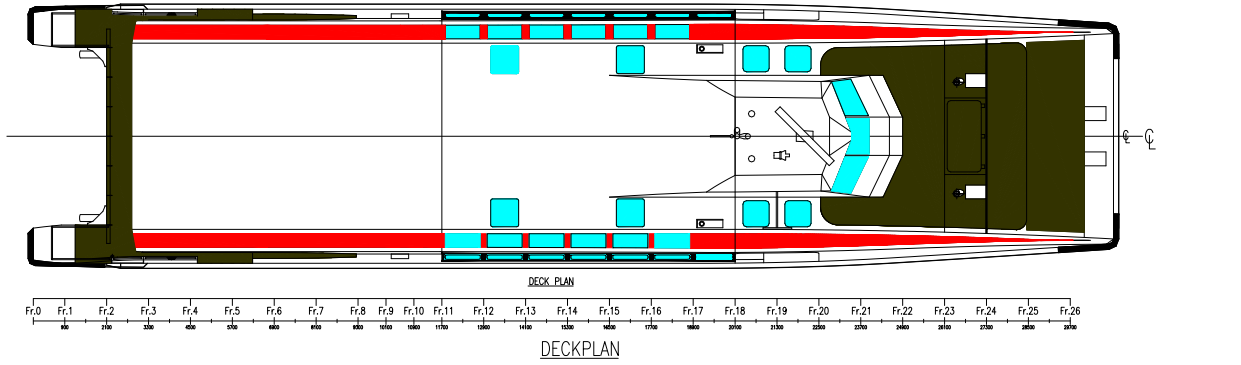
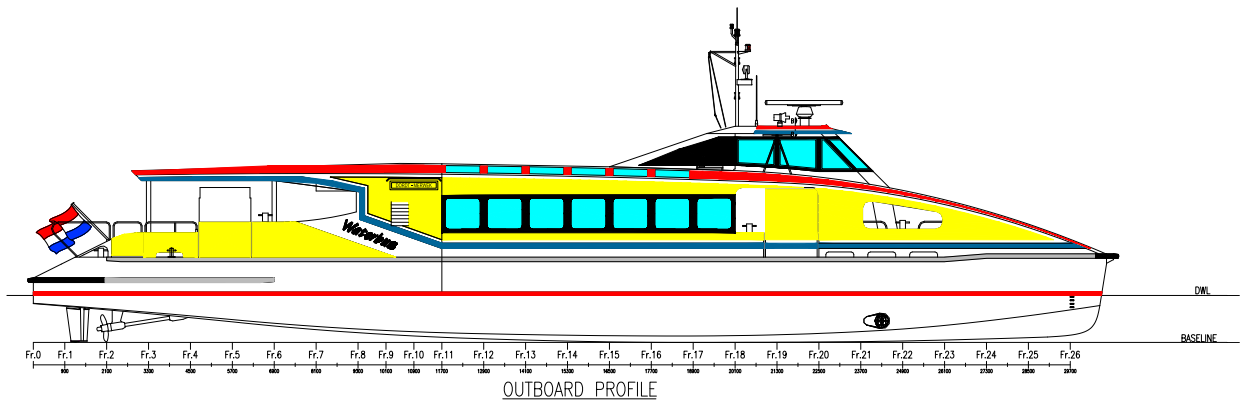
|           |                                         |
|-----------|-----------------------------------------|
| GENERATOR | 1 X 32 kW                               |
| NETWORK   | 400V / 230V AC, 3 phase , 50 Hz, 24V DC |

### ACCOMMODATION

|            |                                                                |
|------------|----------------------------------------------------------------|
| PASSENGERS | 130 (80 seated + 50 standing)                                  |
| CARGO      | 1.50 tonnes (bicycles, etc.)                                   |
| TOILETS    | 1                                                              |
| CREW       | 2                                                              |
| HVAC       | Ventilation and heating in passenger saloon, A/C in wheelhouse |

### NAUTICAL, SURVEILLANCE AND COMMUNICATION EQUIPMENT

|                        |                        |
|------------------------|------------------------|
| GPS                    | Koden KGP 913D         |
| MAGNETIC COMPASS       | Ritchie                |
| RATE OF TURN INDICATOR | Turnmaster 40          |
| ECHO SOUNDER           | Koden CVS 118          |
| RADAR                  | MK 6217 River Radar    |
| VHF RADIO              | RT 2048 AK             |
| GSM                    | Nokia 810 with Car Kit |
| INTERCOM AND PA        | Phonetech              |



# DAMEN WATER BUS® 3007

"VLIJ" & "SCHIE"

**DAMEN**

DAMEN SHIPYARDS GORINCHEM

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.nl  
www.damen.nl

Layout and equipment is indicative.  
Please contact Damen Shipyards for alternatives.

Member of the DAMEN SHIPYARDS GROUP

