



# Vägverket Färjerederiet Pluto

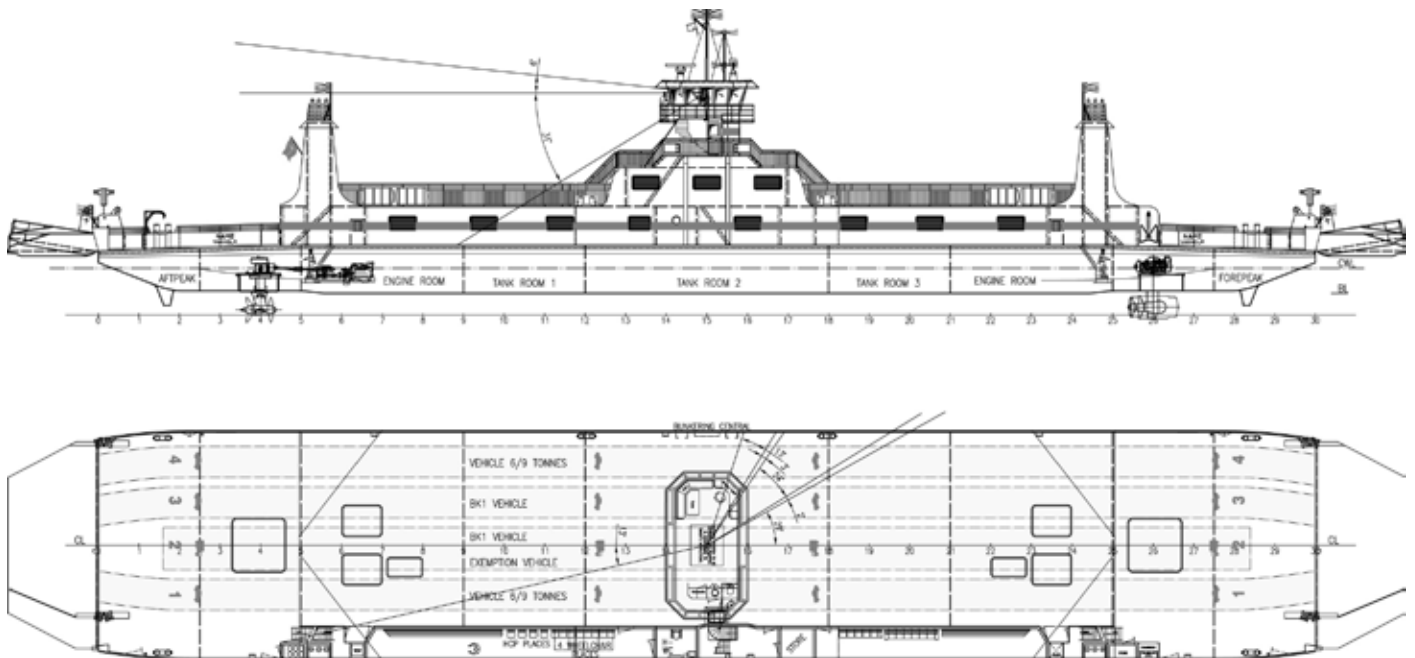
## Double ended road ferry

VF 340 is an open air shuttle ferry that through its high reliability is able to handle a high demand of road traffic transportation. It has good redundancy because of its 2x2 engine installation, which drives the propeller aggregates. The ferry was built at Uudenkaupungin Työvene Oy in Finland has been in service by the Swedish Transport Administration since 2003 and can because of its reinforced deck transport a wide range of vehicles, such as special vehicles beyond BK1 class. It offers a large cargo area and has a high passenger certificate.

The hull is reinforced according to ice class 1B to be able to handle winter conditions. The ferry's exhausts levels are decreased through catalysts and it can be operated by two staff members.

### MAIN FIGURES

Passengers	397
Cars	60
Number of lanes	4
Deadweight at summer draught	360 tonnes



## MAIN PARTICULARS

Length over all	86.2 m	Sewage tank	8 m <sup>3</sup>
Length excl. ramps	75.0 m	Main engine	4 x Volvo Penta
Depth mld	2.95 m		D12-450
Breadth mld	14.0 m		331 kW/1 800 rpm
Iceclass	1B	CRT	Johnson Matthey
Service restricted area	E		JMM078B
Passengers	397	Gear	V-Belt drive
Cars	60	Azimuth thrusters	2 x Schottel STP 550
Material hull	Steel	Aux generator s	2 x VP D5A TA
Material superstructure	Aluminium		72 kW/1500 rpm
DO tanks	56 m <sup>3</sup>		2 x Stamford
FW tanks	4 m <sup>3</sup>		UCM274D, 88 kVA
		Oxidising Catalyst	EPC 007
		Service Speed	8.0 knots
		Max speed	11.5 knots

## CLASS

Swedish Maritime Administration

NO. OF BUILT VESSELS	YARD	OWNER	FLAG	DELIVERY YEAR	SCOPE
3	Uudenkaupungin Työ- vene Oy, Finland	Trafikverket Färjerederiet, Sweden	Swedish	2003-2007	Concept, Basic and Detail Design