



## T/C Description of M/V WEST EXPRESS

M/V "WEST EXPRESS" built in 1978 at Nylands Verksted, Oslo, Norway.

### Ro-Ro Trailer Ferry

YARD NUMBER	792
CLASS	Det Norske Veritas
* *	RoRo Cargo + 1A1 EO Ice-C
SOLAS	1974
MARPOL	1978
* * SAFETY CERTIFICATE	CLASS VII - 33 persons
FLAG	Jamaica
CALL SIGN	6YRC7
IMO NUMBER	7724253
GROSS TONNAGE	9368
NET TONNAGE	2810
LOA	134.75 m
LBP	122.73 m
BREADTH MOULDED	21.00 m
BREADTH EXTREME	21.34 m
DEPTH TO 1 <sup>ST</sup> DECK (MAIN)	5.05 m
DEPTH TO 2 <sup>ND</sup> DECK	12.20 m
DEADWEIGHT	4250 t at summer draught
DRAUGHT LOADED	5.017 m
DISPLACEMENT	8715 t
LIGHT WEIGHT	4465 t





STERN DOOR/ RAMP	Dimensions 10.95 m Long x 11.84 m Wide excl. flaps which 7.675 m W x 1.425 m L Maximum axle load 15 t Maximum permitted weight 80 t Clear cargo openings:- Port (to WD) 5.00 m W x 7.25 m H Stb (to MD) 5.00 m W x 5.2 m H
INTERNAL RAMP	Between Main Deck and Weather Deck Slope 6.7° to horizontal Maximum axle load 13 t
LOWER HOLD	Clear height 2.85 m (2.7 m on ramp) Deck load 1.5 t/m <sup>2</sup> homogenous. Bale capacity 6,200 m <sup>3</sup> Car capacity abt. 40 Max axle load 5.7 t
MAIN DECK	Clear height 5.95 m cardeck raised * * Clear height 4.20 m cardeck lowered * * Deck load 3.0 t/m <sup>2</sup> Maximum axle load: 20 t (trailers) 50 t (6 wheel forklift trucks) Access via stern ramp Bale capacity 13,600 m <sup>3</sup> Container capacity 202 TEU Freight capacity: 33 x trailers of 13.7 m length + 2 x trailers of max 10.0 m length + 2 self drive units on sloped access to Main Deck Lane widths 3.0 m (6 lanes) Portable hanging cardeck abt. 150 cars.



WEATHER DECK	Deck load 1.5 t/m <sup>2</sup>	
Maximum axle load:	13 t (trailers)	
	25 t (6 wheel forklift trucks)	
	Served by fixed ramp from main deck	
Freight capacity:	Container capacity 232 TEU	
	33 x trailers of 13.7 m length + 4 trailers of max 10.0 m length + 4 self drive units on the ramp to Weather Deck	
	Lane widths 3.0m (6 lanes)	
LANE METRES	Total 1272 lanem (MD 661; WD 611)	
MAIN ENGINES	2 x MaK 12M 453 AK	
	V oil 45A each 12 cyl	
	2 x 4500 BHP @ 600 rpm	
AUXILIARY MACHINERY	3 x Scania GA S1 14-05	
	4 Stroke 322 HP @ 1800 rpm	
* *	3 x 275 kVA 440 V 60 Hz	
EMERGENCY GENERATOR	MWM BRD 200-1	
	Alternator 40 kVA 440 V	
FRESH WATER GENERATOR	Atlas type AFGU	
SPEED/CONSUMPTION	Abt. 15 knots on 31 mt IFO 80 cSt per day	
	Basis Beaufort 4/ Sea state 3	
PORT CONSUMPTION	Abt. 2.5 mt Gas Oil day working	
	Abt. 1.5 mt per day idle	
* *		
PROPELLER	2.9 m diameter. 4 bladed CPP	
	Liaanen G85 / 500	
BOWTHRUSTER 1	Ulstein 500 HP CPP	
	4 bladed 2000 mm diameter. 240 rpm	
BOWTHRUSTER 2	Ulstein 800 HP CPP	
STABILISERS	Roll Reduction Tanks	
BRIDGE WING CONTROLS	Yes	
BUNKER CAPACITY	IFO	1052 m <sup>3</sup>
	* *	MGO



FUEL SPECIFICATION	FOR IFO	IFO 80 cSt to be in accordance with
* *	ISO 8217:	1996 GRADE ISO-F-RMD 15
FOR GAS OIL	GAS OIL to be in accordance with	
* *	ISO 8217:	1996 GRADE ISO-F-DMA
BALLAST	3,550 m <sup>3</sup> + roll reduction tanks	
VENTILATION	Mechanical 20/ hour	
* *		
DISTANCES	Bridge/Bow	102 m
* *	Bridge/Stern	31 m
AIR DRAUGHT	32.8 m	
BUNKER STATION	Weather deck port and starboard. Frame # 55	
* *	After starboard poop deck	
OFFICER/CREW BERTHS	20	
DRIVER ACCOMODATION	12	
SHORE POWER CONNECTION	200 A capacity	
CO2 SMOTHERING	Engine room and holds	
* * LIFEBOATS	2 x 33 persons	
LIFERAFTS	2 x 16 man, 1 x 6 man	
NAVIGATION EQUIPMENT	Satellite Navigator Furuno GP 50 MK2	
	Navtex Receiver	
	Radars - 1 x Furuno FR 2020	
* *	1 x K. Hughes Nucleus 6000A (ARPA)	
	Gyro and Autopilot - Anschutz	
	Echo Sounder	
	Speed Log	
COMMUNICATIONS	GMDSS System	
SHAFT ALTERNATORS	1 x Leroy Somer ** Type TA 400 Z 630 kVA 440 V 60 Hz	
	(supplying main switchboard or bowthruster No.1)	
	1 x Stamford	
	Type MHC 734 F 2	
	1250 kVA 440 V 60 Hz	
	(supplying bowthruster No.2 only)	