



T/C Description of M/V CLARE EXPRESS

MV "CLARE EXPRESS" built in 1972 at Rickmers Werft G.m.b.H, Bremerhaven, Germany.

Ro-Ro Trailer Ferry

YARD NUMBER	367
CLASS	GL No 6698
* *	RoRo Cargo + 100 A5 E, MC AUT
SOLAS	1974
MARPOL	1978
* * SAFETY CERTIFICATE	35 persons
FLAG	NIS
CALL SIGN	LAU5
IMO NUMBER	7214727
GROSS TONNAGE	5617
NET TONNAGE	1686
LOA	114.77 m
LBP	108.18 m
BREADTH MOULDED	17,40 m
BREADTH EXTREME	21.34 m
DEPTH TO 1 ST DECK (MAIN)	5.70 m
DEPTH TO 2 ND DECK	10.80 m
DEADWEIGHT	2850 t at summer draught
DRAUGHT SUMMER	5.309 m
DISPLACEMENT	8715 t
LIGHT WEIGHT	4465 t





STERN DOOR/ RAMP	STERN DOOR: Dimensions 4,35 m Long x 7,20 m Wide
	STERN RAMP: Lenght: 6,60 m x flaps 1,20 m - 7,80 m
	With: Overall 7,80 m, inside tracks 6,80 m
	Outside of ramp to opposite shipside/quayside 12,5 m
	Keel to ramp 6,0 m
	Sea to ramp on summer draft abt 0,70 m
	Max load 50 tons total, max 15 tons on single axle
BOW DOOR/RAMP	Not operating (Welded)
LOWER HOLD	Upper and lower car deck, totally space for about 60 medium size cars.
	Height 1,69 m each deck.
	759 m2 (hereof 18 m2 under the ramp)
	Ramp width: 2,35 m. Max heigh on ramp and car decks: 1,69 m
	Max 9,6 tons / squaremetres on tanktop
	No specification for ramp and upper car deck but obviously constructed for nothing heavier than normal cars.
MAIN DECK	430 lane metres, each lane 2,80 m wide.
	Practical storage for 28 trailers of 13,6 m plus 3 x 8 m units
	1353 m2
	Free Height: 4,35 m
	Cargo Lift: lenght - 16,45 m
	Width: 2,98 m (tracks) - 3,20 m coaming
	Max load 40 tons
	Hoisting time 1,5 minute up/1,5 minutes down fully loaded.
	Max 4,0 tons/squaremetres
	Max boogle load 46 tons on twin pneumatic tyres
Forklift max. total weight 50 tons	



WEATHER DECK	abt 370 lane metres, each lane 2,70 m wide. Practical stowage is for 22 loaded trailers of 13,6 m length plus 3 x 10 m units in addition 1 empty trailer of 13,6 m may be placed on the lift and 1 x 6 m loaded unit behind the lift 1.236 m ² . Free height forepart: 4,37 metres Max 2,0 tons/squaremetres Max load single axle and twin tyres 15 tons Max load double axle 18 tons Forklifts max total weight 12 tons	
LANE METRES	Total 800 lanem (MD 430; WD 370)	
MAIN ENGINES	2 x MaK 8M 551 AK each 3400 BHP	
AUXILIARY MACHINERY	VOLVO PENTA D25A-MS 595 kW	
GENERATORS	3 x 644 KVA, 440V - 60 Hz	
SPEED/CONSUMPTION	abt 16 knots on summer draught abt 22 tons IFO 30 cst per 24 hours + 2 tons MGO additional 0,5 tons MGO if reefer trailers carried	
PORT CONSUMPTION	Idle: 1,6 mt per 24 hours Working: 2,5 mt per 24 hours	
PROPELLER	2 x 4 blade w. adjustable pitch	
THRUSTER	1 x 800 bhp bowthruster	
RUDDERS	2 x spade rudders	
STABILISERS	Roll Reduction Tanks	
BRIDGE WING CONTROLS	Yes	
BUNKER CAPACITY	IFO 403 cbm Diesel 76 cbm	
FUEL SPECIFICATION	FOR IFO	IFO 30 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
WATERBALLAST	1,754 m ³
VENTILATION	Mechanical 14/ hour
DISTANCES * *	Bridge/Bow 102 m Bridge/Stern 31 m
AIR DRAUGHT	27,0 m (abt.)
BUNKER STATION	Weather deck port and starboard.
OFFICER/CREW BERTHS	Accomodation for 27 crewmembers Min. safe manning: 12 Fully ITF Certified
DRIVER ACCOMODATION	12 in 6 (six) double cabins with shower and wc
SHORE POWER CONNECTION	200 A capacity
CO2 SMOTHERING * * LIFEBOATS	Engine room and holds 2 x 52 persons
LIFERAFTS	2 x 40 man
NAVIGATION EQUIPMENT & COMMUNICATIONS	Covering navigation areas: A 1 (20-30 nm) and A 2 (100 nm) Vessel fitted with 2 x Sailor Compact VHF-RT 2048 of which one is connected with Sailor Compact VHF DSC RM 2042 SKANTI HF SSB Radio System TRP 7200 (Areas A2) SKANTI MF / HF DSC Controller - receiver DSC 9001 area A 2 Vessels radio equipment fully certified for international trading GSM phone for the Master is int. +45 20147586 Sat C. 431 101310 - Fax Int. +45 327 585. Nav. Aids 2 (two) Radars, ECS, RDF and GPS satnav.