



PRINCIPAL PARTICULARS

<u>Ship Name</u>	LA SURPRISE
<u>Ships description</u>	Roll-on Roll-off cargo ship, moveable decks
<u>Owners</u>	CANTABRIC CAR SERVICES, S.A.
<u>Managers</u>	FLOTA SUARDIAZ, S.L.

<u>Date of Builder</u>	2000	<u>Port of Registry</u>	S. C. DE TENERIFE
<u>Builder</u>	H.J BARRERAS	<u>Flag</u>	Spanish
<u>Call Sign</u>	E.A.X.H.	<u>Classification Body</u>	LLOYD'S REGISTER
<u>Official No.</u>	9187319	<u>Class Notation</u>	LR 100 A1 – LMC UMS
		<u>Club P&I:</u>	BRITANNIA
<u>Crew</u>	16 members	<u>Telephone No.</u>	00 34 666445468
<u>Drive's cabin capty.</u>	6 cabins x 2 = 12	<u>Telex</u>	422441310
		<u>E-mail</u>	422441310@c.xantic.net
<u>Sister Ships</u>	L'AUDACE & BOUZAS		

DIMENSIONS AND CAPACITIES

<u>Length, overall</u>	141,25 mts.	<u>Gross Tonnage</u>	15.224 GT
<u>Length, between p.p.</u>	132,00 mts.	<u>Net tonnage</u>	10.322 NT
<u>Bread, moulded</u>	21,00 mts.	<u>Light ship weight</u>	6.410 tons.
<u>Depth, moulded</u>	7,00 mts.	<u>Deadweight</u>	4.695 tons.
<u>Maximum Draft</u>	6,00 mts.		
<u>F.W.A.</u>	114 mm.		

<u>Main Propulsion</u>	2 Engines x MAM B & W 9L 40/54 Output 8.831 HP at 550 rpm
<u>Loaded Condition speed</u>	Service speed at 6,00 mts draught 18,5 kn.
<u>Ballast condition speed</u>	Service speed at ballast draught 19,5 kn.

EXECUTIVE SUMMARY

<u>Cargo Capacity</u>		<u>Decks area</u>	
- Lower Hold	17 trailers or 89 cars	- Strong decks	6.609 m2
- Moveable deck nº 1	77 cars	- Moveable decks	3,728 m2
- Main Cargo deck	43 trailers or 213 cars		
- Moveable deck nº 2	150 cars	<u>Loading lines</u>	
- Upper deck	45 trailers or 214 cars	- Trailers loading lines	1.524 mts
- Moveable deck nº 3	198 cars	- Cars loading lines	5.466 mts
- Tweendeck	223 cars		
<u>Total carriage capacity</u>		<u>Maximum deck load</u>	
- Strong decks	105 trailers plus 223 car	- Stern ramp	76 tons
- All decks	1.164 cars	- Lower Hold	2 tons / m2
		- Moveable deck nº 1	0,4 tons / m2
<u>Free Heights</u>		- Main Cargo deck	2 tons / m2
- Stern Door	5,50 mts	- Moveable deck nº 2	0,4 tons / m2
- Lower Hold	4,50 / 2,25 mts.	- Upper deck	2 tons / m2
- Moveable deck nº 1	2,25 mts	- Moveable deck	0,4 tons / m2
- Main Cargo deck	4,50 / 2,25 mts.	- Tweendeck	0,4 tons / m2
- Moveable deck nº 2	2,25 mts	<u>Allowable designed wheel load per axle on cargo decks</u>	
- Upper deck	4,50 / 2,25 mts.	- Strong decks	14 tons / axle
- Moveable deck nº 3	2,25 mts	- Moveable decks	1 ton / axle
- Tweendeck	2,25 mts		
<u>Special Features</u>	The cargo spaces, designed for carriage of vehicles and rolling cargoes, are interconnected by internal ramps. Every cargo space is provided with movable decks fitted with one ramp each, except for the main cargo space where there are two		

