

DISCLOSED

No. 950 B
Completion of report.....

Survey held at Santander Date First Survey 1st March 1955 Last Survey 14th June 1956

On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) M/V. "SAN FLORO" Machinery Aft, Single Screw.

State Type (Full Scantling, Complete Superstructure with or without Tonnage Queens) Open Shelter-Decker State Type of Erections Forecastle

TONNAGE under } 423
Tonnage Deck ... }

Do. of space or spaces }
between Tonnage Dk. }
and Upper Dk. }

Total

Gross Tonnage 644

Register Tonnage 250

Moulded
~~REGISTERED~~ DIMENSIONS.
FEET

199'-6"

32°-0"

Shelter Dk - 10'6"
2nd Deck - 11'2"

CLASS +100A1 State if with freeboard } No
 Suitable for a draught as condition of Class } FEET Mt.
 of 3 357 mts

Length from fore part of stem to after part of stern } L 60.8
post on summer L.W.L. See Sec. 3 (1a)

Breadth (greatest moulded) B 9.75

Depth, at middle of length from top of keel to top

deck. See Sec. 3 (1c)

1st Longitudinal Number (L x D).....—

Examining Depth: “1” at middle of length. See 2

Sec. 3 (1d).....}

Proportions—Depth to Length—Uppermost continuous deck to top of keel

Do. Long Bridge to \

371.0 3/45

Diagn. Minded 37

Built at Santander

Launched 27th Jan 1956 Yard No. 65

Builders CORCHO HIJOS S.A.

DR.

Owners George H. Walker 1011 No. Home St. - 110.

Managers

Residence

Port of Registry.....Santander.....

If surveyed while building, afloat, or in dry dock

Building & afloat (Last seen in dr

dock 6.4.56)

FRAMES. DOUBLE BOTTOM AND BEAMS.

	INCHES IN SHIP. mm.	Any Departure from Approved Plans to be Noted.		INCHES IN SHIP. mm.	Any Departure from Approved Plans to be Noted.
FRAMES, Spacing amidships.....	600	/	Bracket Floors, Frame ...BA.....	130 65 9½	/
" " from ¾ length amidships to Collision bulkhead.....}	600	/	" " Reversed Frame..... T	110 70 8	/
" " in peaks	600	/	" " Vertical Struts C	200x85x85x11	/
SIDE FRAMING.			Centre Girder, depth and thickness amidships	710 x 10 mm.	/
Frame Amidships, Angle, E or C	130 65 9	/	" " top Angles	Welded	/
" " Extends up to.....	2nd Deck	/	" " bottom Angles.....	Direct	/
Reversed Frame Amidships, Angle	-	/	Side Girders, No. each side and thickness.....	-	/
" " Extends up to	-	/	Margin Plate depth (excl. of flange) and thickness	Tank top	/
Depth of Framing Girder.....	130	/	" " Vertical Angle to Tank side Bracket abaft ¼ len. from stem	horizontal	/
Frames in Uppermost Continuous 'tween Decks, Angle, E or F	90 60 8	/	" " Vertical Angle to Tank side Bracket from forward ¼ len. from stem to Panting Area	to shell	/
" " Second 'tween Decks, Angle, C or F	-	/	" " Gussets, spacing and scantling abaft ¼ len. from stem.....	and	/
" " Third " " " " " " " "	130 65 9	/	" " Gussets, spacing and scantling from forward ¼ len. from stem to Panting Area	welded	/
" " from ½ len. for'd. to 15% len. from Stem BA.....	150 75 8½	/	Tank Side Brackets, height above base line at toe of Frame and thickness	-	/
" " in Peaks, Angle or C	130 65 7½	/	INNER BOTTOM PLATING.		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	19mm. at 7 dias.	/	Breadth and thickness of Middle Line Strake...	1500 x 9½	/
State if Frame Joggled.....	No	/	Thickness of remainder in Holds	8½	/
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved ?	Yes	/	Are Rule requirements complied with regarding increases of scantlings in way of double bottom in E. & B. space and framing in Bunkers and Boiler Room ?.....	Yes	/
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved ?.....	Yes	/	BEAMS.		
SINGLE BOTTOM.			Uppermost Continuous Deck, amidships in Wells, Angle E or C	130 65 9	/
Floors, Depth and thickness at mid-line in Holds.....}	-	/	" " " " in way of Bridge, Angle, C or F Beams.....	110 70 8	/
Height of Brackets at side above base line at toe of frame.....}	-	/	Spacing	600	/
Middle Line Keelson, on Floors, Angles, C or F	-	/	Second Deck, amidships, Angle E or F Beams.....	150 75 8½	/
" " " Through Plate or Intercostal Plate	-	/	Spacing	110 70 8	/
" " " Foundation Plate on Floors	-	/	Third Deck, amidships, Angle, C or F	-	/
" " " Flat Plate Keel Angles	-	/	Spacing.....	-	/
Side Keelsons, No. each side.....	-	/	Fourth Deck, amidships, Angle, C or F	-	/
" " thickness of Intercostal Plate....	-	/	Spacing.....	-	/
" " Angles	-	/	Poop Deck, Angle, C or F	-	/
" " " " " " " " " " " "	-	/	Spacing.....	-	/
DOUBLE BOTTOM.			Bridge Deck, Angle, C or F	-	/
Solid Floors, thickness and spacing	7½ at 2400 mm.	/	Spacing.....	-	/
" " Are Frame and Reversed Frame joggled ?	No	/	Forecastle Deck, Angle, E or F	130 65 7½	/
Bracket Floors, breadth and thickness at middle line	550x7½ flg. 75 mm.	/	Spacing.....	600	/
" " breadth and thickness at margin plate.....	550x7½ flg. 75 mm.	/			

PILLARS AND DECKS.

	INCHES IN SHIP. mm.	Any Departure from Approved Plans to be Noted.		INCHES IN SHIP. mm.	Any Departure from Approved Plans to be Noted.
PILLARS, No. of Rows	None	✓	Stringer Plate, breadth and thickness in way of Bridge	-	✓
„ in 'tween Decks, Size and Spacing	-	✓	Thickness of Plating abreast Deck openings in way of Wells	7½	✓
„ „ „ „ „ „	-	✓	Thickness of Plating abreast Deck openings in way of Bridge.....	-	✓
„ in Holds „ „ „	-	✓	Thickness of Plating within line of openings...	6½	✓
„ „ „ „ „ „	-	✓	If Sheathed, material and thickness.....	-	✓
Centre Line Bulkhead. Stiffeners and Spacing	BA 1776762965 Spaced 600 mm.	✓	Third Deck. Stringer Plate, breadth and thickness.....	-	✓
Plating, thickness of	7½ mm.	✓	If Plated, state thickness	-	✓
STRINGERS AND DECKS. Uppermost Continuous Deck. Stringer Plate, breadth and thickness in Wells	1235 x 9 mm.	✓	Fourth Deck. Stringer Plate, breadth and thickness.....	-	✓
„ „ „ „ in way of Bridge	-	✓	If Plated, state thickness.....	-	✓
„ Angle in Wells	90 90 9½	✓	Poop Deck. Stringer Plate, breadth and thickness.....	-	✓
Thickness of Plating abreast Deck openings in way of Wells	8	✓	Plating, Sheathing, material and thickness ...	-	✓
Thickness of Plating abreast Deck openings in way of Bridge.....	-	✓	Bridge Deck. Stringer Plate, breadth and thickness.....	-	✓
Thickness of Plating within line of openings...	7½	✓	Plating, Sheathing, material and thickness ...	-	✓
If Sheathed, material and thickness.....	-	✓	Forecastle Deck. Stringer Plate, breadth and thickness.....	550-6½	✓
Second Deck. Stringer Plate, breadth and thickness in Wells	1185x7½ mm.	✓	Plating, Sheathing, material and thickness...	6 mm.	✓

SHELL PLATING.

SCANTLINGS.					RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. <i>Upper</i>			BUTTS.			
	AMIDSHIPS.		FORWARD.	AFT.		SINGLE OR DOUBLE.	RIVETS.		No. OF ROWS OF RIVETS.	RIVETS.		STRAPPED OR LAPPED.
	Breadth. <i>mm.</i> Inches.	Thickness. <i>mm.</i> Inches.	Thickness. <i>mm.</i> Inches.	Thickness. <i>mm.</i> Inches.			Diam. <i>mm.</i> Inches.	Spacing cr. to cr. Inches.		Diam. Inches.	Spacing cr. to cr. Inches.	
Flat Plate Keel.....	<i>1030</i>	<i>12½</i>	<i>12½</i>	<i>12½</i>		<i>Double</i>	<i>19</i>	<i>75</i>				
„ Dblg. (if any)	<i>A</i>	<i>-</i>	<i>12½</i>	<i>12½</i>								
Bottom Plating, No. of Strakes <i>3</i>	<i>B</i> <i>C</i>	<i>9½</i>	<i>9½</i>	<i>9½</i>		<i>Double</i>	<i>19</i>	<i>75</i>				
Bilge Plating, No. of Strakes <i>one</i>	<i>D</i> <i>E</i>	<i>9½</i>	<i>Stealer</i>	<i>9½</i>		<i>Double</i>	<i>19</i>	<i>75</i>				
Side Plating, No. of Strakes <i>Two</i>	<i>F</i>	<i>9½</i>	<i>8½</i>	<i>8½</i>		<i>Single</i>	<i>19</i>	<i>75</i>				
Upper Deck, Sheer- strake in Wells.....	<i>H</i> <i>1235</i>	<i>9½</i>	<i>8½</i>	<i>8½</i>								
Upper Deck, Sheer- strake in Bridge ...		<i>-</i>	<i>-</i>	<i>-</i>								
Strake below Sheer- strake in Wells.....	<i>G</i>	<i>9½</i>	<i>8½</i>	<i>8½</i>		<i>Single</i>	<i>19</i>	<i>75</i>				
Strake below Sheer- strake in Bridge ...		<i>-</i>	<i>-</i>	<i>-</i>								
Poop Side Plating.....		<i>-</i>	<i>-</i>	<i>-</i>								
Bridge Side Plating.....		<i>-</i>	<i>-</i>	<i>-</i>								
Forecastle Side Plating		<i>-</i>	<i>7</i>	<i>-</i>		<i>Single</i>	<i>16</i>	<i>75</i>				

WELDED.

BUTTS

WATERTIGHT BULKHEADS.						FORGINGS AND CASTINGS.					
Total No. of W.T. BULKHEADS in Vessel— 5						Casting or Forging.		Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted	
Extending to Upper Deck (Sec. 3 c) 1											
„ Deck next below 4											
As per Rule 3											
						STIFFENERS.					
						VERTICAL.		HORIZONTAL.			
						Plating Thickness. mm.	Scantlings. mm.	Spacing. mm.	Scantlings.	Spacing.	
MIDSHIP BULKH'D, Upper 'tween decks											
„ „ Second „											
„ „ Third „											
„ „ Holds ...Fr. 60 8-7½						90x65x7½		760	-	-	
COLLISION „ (in Hold) Fr. 91 11-7½						120x96x10		610	-	-	
AFTER PEAK „ „ Fr. 6 10-7½						115x70x9		610	-	-	
						as and toe welded					
STEEL.						Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture).					Open hearth
						Altos Hornos, Sagunto & Hüttenwerk Oberhausen A.G. Germany.					
Has the Steel been tested as required by the Rules? Yes											

CHAIN CABLES. HAWSERS AND WARPS.

HAWSERS AND WARPS

Builder's Signature *X* *Alvaro*

ALVARO MAESTRA

(Special notations, where part of class, to be stated.)

I am of opinion the Vessel should be Classed.....+100A1

Signature _____
 Surveyor to Lloyd's Register of Shipping.

SEP 10 1956

£1000

T LMC 6.30

.....

John Hadd

GENERAL REMARKS—(The Surveyor should state the Number of Report and Name of any Sister Vessel. Plans showing Vessel as built should be forwarded and a List of the Plans should be embodied.)

Materials and workmanship are good.

All D.B. tanks, peak tanks, and oil fuel tanks have been tested to Rule requirements and found satisfactory.

Weather decks and W.T. bulkheads have been satisfactorily hose tested.

Steering gear, windlass and bilge suction have been tested under working condition and found satisfactory.

Freeboards have been cut in on the ships side and verified.

Forging and Casting Certificates enclosed:—

Cert. No. 1634 Cast Steel Stern frame - Cert. No. 1878 Forged Steel Rudder Head
Cert. No. 1749 & 50 Cast Steel Rudder Pieces.

List of approved plans forwarded herewith:—

Plan No. 04 - Midship Section & Section through Mach. Space - No. 17 - Oil fuel tanks
" " 05 - Flat & Vertical keel & Double Bottom - " 18 - Bulkheads between upper & 2nd. Dks
" " 06 - Bulkheads Nos. 6 - 60 and 91 - " 19 - Casing plan.
" " 07 - Floors in way of holds. - " 20 - Longitudinal bulkheads.
" " 08 - Double bottom in Machinery Space - " 22 - Cargo hatches.
" " 09 - Stem plan. - " 24 - Deckhouses on Boat & Bridge Dks.
" " 10 - Stern frame & Rudder & Rudder Head - " 25 - Web frames.
" " 32 - Detail of top pintle. - " 26 - Framing profile and beam knees.
" " 11 - Shell Expansion. - " 27 - Superstructures.
" " 13 - Framing in fore & after peaks. - " 28 - Deckhouses on upper Dk. & F'cle Bul
" " 14 - Second Deck. "As built" plans now forwarded herewith
" " 15 - Upper Deck. Midship Section, Upper & Second Decks.
" " 16 - Boat Bridge & F'cle Decks etc.

PARTICULARS OF ELECTRIC WELDING (if employed) Butts of shell plating and decks. Seams and butts of tank top. Vertical keel, Double bottom structure (except shell connections), Bulkheads, Machinery Casings and Minor items.

SPECIAL NOTATIONS :—Either as part of the vessel's class or for record in the Register Book.

Cruiser Stern, Lloyds A & CP, Mch. Aft., pt. E.W.

Rise of Floor, 4 5/16"

Particulars of Drop Test of Cast Steel Anchors, viz. :— Weight, Surveyor's Initials, Number of Certificate, Date of Test.	Head & Attachment		Head AdeB Cert. No. 1187, 2.6.55 Shank AdeB Cert. No. 1189, 2.6.					
	1st Bower	748	-	Head AdeB	"	"	"	"
	2nd "	738	-	" AdeB	"	"	"	"
	3rd "	749	-	" AdeB	"	"	"	"

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop — ft., R.Q.D. — ft., Bridge — ft., Forecastle 20.3 ft.

(in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated.

Official No. — Signal Letters E.A.Y.C. Extreme Breadth over Bolting 32'-1 1/2" Over-all Length 223'-2"
(Circ. 1611) (Circ. 1703)

No. and Material of Decks One deck and shelter deck (Steel) 2 dks

Parts of Bottom of Vessel coated with cement or approved composition Fore and after peak tanks and D.B. tanks under Holds.

Particulars of composition (if fitted) and of approval Cement

PARTICULARS OF WATER BALLAST:—(Comprising all tanks which may be used for Water Ballast. (Circ. 1284)
(Wells are not to be included in the lengths of the tanks, but Cofferdams and Dry Tanks (if tested) are to be included.)

Where Fitted.	Length.	Water Capacity.	Where Fitted.	Length.	Water Capacity.
	Feet.	Tons.		Feet.	Tons.
Double bottom, aft,	—	—	Fore peak tank, <u>W.B.</u>	—	<u>56</u>
Double bottom, under Engines and Boilers, <u>OP&</u>	—	—	After peak tank, <u>F.W.</u>	—	<u>18</u>
Double bottom, if under Engines only, <u>Frs. 7 to 29 In Oil</u>	<u>43.3</u>	—	Deep tank, <u>at Cross Bulk Fr. 30-34 OF.</u>	<u>7.9</u>	<u>—</u>
Double bottom, if under Boilers only, <u>Frs. 35 to 91 W.B.</u>	<u>110.3</u>	<u>174</u>	Deep tank, forward,		
Double bottom, forward, <u>Frs. 29 to 35 Dry Tk.</u>	<u>11.8</u>	—	Other tanks, if fitted,		
Total length (if continuous) and Capacity	<u>165.4</u>	<u>174</u>	(If necessary furnish further information by sketch.)		

Order for Special Survey No. —

Date 2nd July 1954

Dates of Surveys held while building

From 1st. March 1955 to 14 th June 1956.

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Foundation