

Rpt. 1 (Sheet 1)

FIRST ENTRY SHIP REPORT

13. ADD. London

FOR CONSIDERATION BY THE COMMITTEE OF LLOYD'S REGISTER OF SHIPPING

Ship's name ~~KX~~MS "RAPHAEL"

Port GENOA

Processing number: LR

Has a Cert. B. been issued? yes

Rpt. No. 30070

Date of completing report 25/5/65 Place of survey, if different from above SESTRI

Type of ship (i.e. dry cargo, oil tanker, tug, etc.) OIL TANKER

No. of screws One Have rpts. been sent on: *Freeboard? yes Machinery? yes

Ship built by ANSALDO S.P.A. CANTIERE NAVALE GENOA SESTRI Yard No. 1598 Yr. Mo. When 1965- 5

Survey of fabrication commenced 17/3/1964 Survey on building berth commenced 1/4/1964 Date of launch 29/11/1964

Date of last survey in DD 17/5/1965 Last visit 22/5/1965 No. of visits 220

Fee numeral 110420 Fee lit. 11.020.200 Expenses lit. 84.867-R.T. lit. 525183

GENERAL DECLARATION

Has the ship been built under Special Survey in conformity with the Society's Rules and Regulations and Secretary's letters? yes

Have the scantlings and arrangements of the ship as built been checked by you and found to be in accordance with the approved plans or with equivalent arrangements? yes

Have modifications and/or additions (if any) to the original approved arrangements made during construction been indicated on the approved plans now forwarded? yes

Have such modifications and/or additions been approved locally as being in accordance with or equivalent to Rule requirements? yes

If separate "as built" plans are forwarded, have they been checked with the approved arrangements and found in order? yes

Are the materials and workmanship satisfactory? yes

Have the freeboards been correctly marked? yes

Table with columns for dimensions (Length, Breadth, Depth, Draught), Owners (BLACK SEA STATE STEAMSHIP LINES), Managers, and Managers' address (ODESSA).

Table with columns for Official number (261), Signal letters (UOYO), Port of Registry (NOVOROSSISK), and Tonnage (Gross 31.133.48, Net 18876.10).

This ship is eligible, in my opinion, to be classed +100A1 OIL TANKER "Ice Class 3"

Signature of E. Winter, Surveyor to Lloyd's Register of Shipping

Date of Committee FRIDAY - 3 SEP 1965

Minute +100A1 Oil Tanker Ice Class 3.

Noted for Header stamp

Vertical list of dates and administrative notes: F.E. FROM A/CS 16-8-65, F.E. FROM ADMIN. 17-8-65, PLANS REC'D 16-8-65, CERTS REC'D, TO REPTS. DEPT. 19-8-65, SPL. FOR, SRL, POSTING, HEADING, CERT., STATS., TRO.

Lloyd's Register Foundation GEN 24 SEP 1965

*Rpt. C11 & Rpt. C11 (Comp.) are to be forwarded in advance when freeboards are assigned by the Society. In cases where freeboards are assigned by another Authority or when ships are exempt from load lines, Rpt. C11 only need be sent. † In the case of trawlers, see Trawler Rules.

Handwritten notes: SO PL... DS 5.65

Handwritten notes: +LMC ES ABS SPS TS(CK) 5.65

STEEL

Manufacturers of
 Plates { ITALSIDER S.p.A. ALTI FORNI & ACCIAIERIE RIUNITE. ILVA e CORNIGLIANO. Stabilimento di Trieste.
 " " SIAC GENOVA/CAMPI. Stabilimento di Trieste.
 " " DI NOVI LIGURE.
 Sections { ITALSIDER S.p.A. ALTI FORNI & ACCIAIERIE RIUNITE ILVA e CORNIGLIANO.
 " " Stabilimento di Marghera (Venezia).
 " " Bagnoli (Naples).
 " " Piombino (Livorno).

Has the steel been manufactured at works recognised by the Committee and tested in accordance with the Rules? yes

Process of manufacture (e.g. open hearth, electric furnace etc.) Open hearth and electric furnace.

When steel other than Grade A mild steel is used, state grade and where fitted (Advice notes to be forwarded separately with plan showing disposition of plates) Plates complying with the requirements of grade 'D' steel table II Sec.2 Chap.P of the Rules used in construction of: keel and bottom shell to upper turn of bilge deck plating and sheerstrake as indicated on approved plans. Separate plans showing disposition together with Mill Sheets attached.

ELECTRIC WELDING

Is the ship's main structure electrically welded? Shell except one seam of bottom shell P&S, seams of bilge and sheerstrake and two seams of deck plating P&S which are riveted. A riveted stringer connection is fitted.

Parts examined by radiography Cross joints of bottom shell plating, bilge, deck and side shell as indicated on attached diagram.

Were the electrodes used of approved type? yes

FORGINGS, CASTINGS AND FABRICATED PARTS

Item	Forging, casting or fabricated	Maker's name and, if fabricated, manufacturer of any forging or casting used in its construction
Stem bar	Fabricated m.s. plates	At Shipyard.
Rudder horn	Casting	Messrs. "ITALSIDER" S.p.A. Lovere.
Sternframe	Fabricated m.s. plates and one casting (boss)	At Shipyard - Messrs. "ITALSIDER" S.p.A. Lovere.
Rudder	Fabricated m.s. plates and one casting.	At Shipyard - Messrs. "TERNI" - Terni. <small>TYPE SKETCH No. 9</small>
Rudder mainpiece	Casting	
Rudder head	Forging.	Messrs. "ITALSIDER" S.p.A. SIAC WORKS GENOVA/CAMPI
XXXXXX		
Tiller	Casting.	The North British Steel Foundry Ltd., Bathgate.

GENERAL PARTICULARS

Steering gear (type & maker) Electric hydraulic - J.HASTIE & CO., GREENOCK.

Auxiliary steering gear 2 pumps, 2 motors separate circuits.

Steering chains (size & test) -

Windlass (type & maker) steam - C.N.O.M.V. of VENICE.

Ceiling in holds (material & thickness) -

Are cargo battens fitted in holds? -

In 'tween decks? -

Parts of structure of material other than steel } Centre structure of wheelhouse in way of compass is of aluminium.



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Ship's name "RAPHAEL"

Port & Report No.

GENOA
30070

GENERAL PARTICULARS (continued)

Parts of bottom plating in single bottom ships and in bottom tanks below boilers on which cement or an approved composition is laid -

Particulars of composition if used instead of cement -

If corrosion control fitted in tanks, state system, extent, makers' name, trade name & material of anodes &/or coating & mean thickness of coating } none fitted.

Has a reduction in scantlings been approved for the class notation "cc" and is this associated with a particular cargo or defined ballasting? -

Do the plans show the full Rule scantlings and those items where reduced scantlings have been approved? -

If external cathodic protection fitted, state type none fitted

If external anti-fouling system fitted, state type none fitted

Insulated cargo spaces } none

R.B. PARTICULARS (feet & inches)

DF? yes

ESD? yes

GC? yes

Navigational aids fitted } PFD? yes

RDR? yes

RT? yes

Is ship of OSD, CSD or OSD/CSD type? -

State type when leaving builders -

Is machinery fitted aft? yes

Length overall 744'-9"

Breadth extreme 102'-0.3/4"

No. and material of decks one - steel.

Is longitudinal framing fitted? (state where) yes - deck side and bottom shell

Length of } Poop 147'-3"

Raised quarter deck -

Bridge 44' - 0"

Forecastle 101' - 0"

Trunk -

Raised deck -



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Rise of floor 5.1/8"

Is bar keel fitted? no

Is duct keel fitted? no

Bulkheads extending to uppermost continuous deck on frame Nos. 16, 62A, 65, 69, 77, 85, 89, 97, 105, 109, 110, 118, 134.

Total 12

13

Bulkheads extending to deck below uppermost continuous deck on frame Nos. -

Total -

PARTICULARS OF TANKS (See Register Book for definition)

Is capacity plan forwarded? yes

If not, the following particulars of tanks to be supplied; capacity of those used for salt or fresh water ballast (35/36 c.f. per ton). (Tanks used exclusively for oil fuel or fresh water to be marked accordingly).

Double bottom tanks : No.

Fore peak tank

Deck tanks

No.

After peak tank

Side tanks

No.

Midship deep tank aft

1/2-height deep tank

No.

„ fwd

Centre tanks

No.

Deep tank aft

Bottom tanks

No.

„ fwd

Combined bottom and wing tanks

No.

Topside tanks

Tween deck tanks

No.

Tunnel side tanks

Other tanks

No.

Under deck tanks

If ship is an oil tanker state the numbers of main cargo tanks (if any) used exclusively for water ballast, with capacities

Nos. 4 P&S wing tanks, 2980 tons each, No. 5 centre tank, 3066 tons.

Is ship (if not a motorship) fitted for burning oil as fuel?

motorship.

1646

If strengthened for navigation in ice, state class 1, 2 or 3

strengthened for navigation in ice. Class 3.

Is ship (if not an oil tanker) fitted for carrying oil as cargo?

Oil tanker.

If so, state where, together with flash point where required to be inserted in the notation

-

Particulars of any special loading conditions (e.g. deep tank or specified holds empty), for which the scantlings have been approved

none.

Special features

DECLARATION TO BE SIGNED BY SHIPBUILDERS

To the best of our knowledge the ship has been soundly constructed in conformity with the Rules, Regulations and requirements of Lloyd's Register of Shipping, and the foregoing is a correct description of the particulars of the ship and her Owners.

10 GIU. 1965

(date)

ANSALDO S.P.A. - CAN

Il Direttore

(signature)

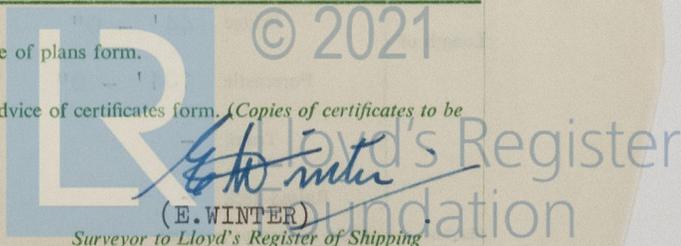
A previous similar case was "LEONARDO DA VINCI", "FEDOR POLETAEV", "GIORDANO BRUNO", "GALILEO GALILEI", "GIUSEPPE VERDI".

Yard No. 1593/4/5/6/7/

Port & Report No. GENOA. 28667, 28944, 29129, 29410, 29569.

Particulars of "approved" and "as built" plans are to be listed separately on advice of plans form.

Particulars of forgings, castings and fabricated parts are to be listed separately on advice of certificates form. (Copies of certificates to be forwarded).



RPT. 1 (EQ)
RPT. 8 (EQ)

Ship's Name "RAPHAEL"

Port GENOA

Fee letter if different from equipment letter

Rpt. No.

30070

Equipment letter V †

Equipment numeral 10.290(metric)

When anchors or cables are supplied or retested, the following particulars are required:

ANCHORS

Where and when tested and by whom	Number of Certificate	Anchor	Weight or kg.	Approved design	Makers
LECCO-10/64 J.S.	293	Bower (1)	8540	UNAV.5931.Type	Messrs. ACCIAIERIA & FERRIERA DEL CALEOTTO LECCO.
LECCO-10/64 J.S.	292	Bower (2)	8530	"	
LECCO-10/64 J.S.	291	Bower (3)	8440	"	
		Collective Weight	25510		
		STEEL			

CHAIN CABLES

Where and when tested and by whom	Number of Certificate	Length and size supplied		Grade and whether stud or short link	Makers
		Length Metres	Diam. or mm.		
GENOA-10/64 G.M. LECCO-10/64 J.S.	255	601.598	81	Flash butt welded grade III steel stud link.	Messrs. ACCIAIERIA & FERRIERA-LECCO.
Stream wire or chain					

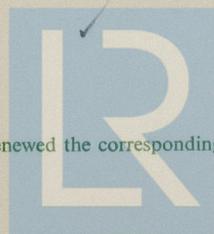
TOWLINES, MOORING ROPES AND CAST STEEL ANCHOR HEADS

TOWLINE AND MOORING ROPES				CAST STEEL ANCHOR HEAD DROP TEST			
Item	Length Metres	Circ. or Diam. mm.	Material & breaking test	Maker's Name	Certificate No.	Surveyor's Initials	Date of Test
Towline	275	61	S.G.W.R. 192000BT	ACCIAIERIA & FERRIERA DEL CALEOTTO	293	JS	10/64
Mooring ropes	6 220	30	Fibre 32.750BT	BOWER (1) head	"	JS	10/64
				BOWER (2) head	"	JS	10/64
				BOWER (3) head	"	JS	10/64
				bower (1) shank	"	JS	10/64
				bower (2) shank	"	JS	10/64
				bower (3) shank	"	JS	10/64

Are weights (including component parts of anchors) & tests of equipment now supplied in accordance with Rule requirements? **yes**

Have test certificates of new or retested equipment (now supplied) been checked and endorsed? **yes**

Are joining shackles of the lugless type fitted? **yes**



E. Winter
(E. WINTER)

Surveyor to Lloyd's Register of Shipping

Note:—Where anchors or chain cables are lost or condemned and renewed the corresponding test certificates should be cancelled by the Surveyors and returned to Head Office.