

Rpt. 1 (Sheet 1)

## FIRST ENTRY SHIP REPORT

13. AUG. 1965

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 25/5/65Place 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

Yr. Mo.

Ship built by ANSALDO S.P.A. CANTIERE NAVALE  
GENOA SESTRI

Yard No. 1598

When 1965- 5

Survey of fabri-  
cation commenced 17/3/1964Survey on building  
berth commenced 1/4/1964Date of  
launch 29/11/1964Date of last  
survey in DD 17/5/1965

Last visit 22/5/1965

No. of visits 220

Fee numeral 110420

+ AR  
7.8.65 Fee Lit. 11.020.200SIRM BILL Lit. 21.840-SAF. Lit. 2000  
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? yesHave 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? yesHave modifications and/or additions (if any) to the original approved arrangements  
made during construction been indicated on the approved plans now forwarded? yesHave such modifications and/or additions been approved locally as being in  
accordance with or equivalent to Rule requirements? yesIf 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

Length  
(D 201 of Rules)† 215.033M

205.6 (203.8)

Owners BLACK SEA STATE STEAMSHIP LINES

Breadth  
(D 202 of Rules) 31.000M

101.8

Owners'  
address ODESSADepth  
(D 203 of Rules)  
Draught  
(summer moulded)  
(D 204 of Rules) 11.819M

51.0

Managers -

If  
shelter  
deck ship  
Draught  
(Summer  
moulded)In open  
condition -Managers'  
address -In closed  
condition -

Official number 261

Tonnage

Gross

Net

Signal letters UOYO

31.133.48 18876.10

Port of Registry NOVOROSSISK

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

F.E. FROM A/CS

16-8-65

F.E. FROM ADMIN.

17-8-65

PLANS REC'D

16-8-65

CERTS REC'D

19-8-65

SPL. FOR

SRL

POSTING

CG 203

HEADING

CERT.

STATS.

TRO

Noted  
for  
Header(E. WINTER)  
Surveyor to Lloyd's Register of Shipping

Date of Committee

FRIDAY - 3 SEP 1965

Minute

+100A1 Oil Tanker  
Ice Class 3.

DS 5.65

+LMC

ES  
ABS  
SPS

TS(EL)

5.65

CLASS, CERT. SENT TO

ON

GEN 24 SEP 1965



## STEEL

Manufacturers of

Plates

Sections

ITALSIDER S.p.A. ALTI FORNI & ACCIAIERIE RIUNITE. ILVA e CORNIGLIANO.  
 Stabilimento SIAC GENOVA/CAMPI. Stabilimento di Trieste.  
 " " DI NOVI LIGURE.  
 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?

Parts examined  
 by radiography

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.

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.
Rudder mainpiece	<del>XXXXXX</del>	
Rudder head	Forging.	Messrs. "ITALSIDER" S.p.A. SIAC WORKS GENOVA/CAMPI
<del>XXXXXX</del>		
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?

-

Parts of structure  
 of material other  
 than steel

Centre structure of wheelhouse in way of compass is of aluminium.

In 'tween decks? -



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 Foundation



Ship's name "RAPHAEL"

Port &  
Report No.GENOA  
30070GENERAL 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 scant-  
lings 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 protec-  
tion 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,65,69,77,85,89,97,105,109,118,134.

Total 12

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

Total -

Is capacity plan forwarded? yes

PARTICULARS OF TANKS (See Register Book for definition)

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.4P&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.

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

11 Directors

(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).

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Ship's Name "RAPHAEL"

Port GENOA

Fee letter if different from equipment letter

Rpt. No.

30070

Equipment letter V t

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 <del>XXXXXX</del> 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		
		<del>STEEL</del>			

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 <del>XXXXXX</del> or Metres	Diam. <del>XX</del> 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.
<del>Stream wire or chain</del>			<del>XXX</del>		

TOWLINES, MOORING ROPES AND CAST STEEL ANCHOR HEADS

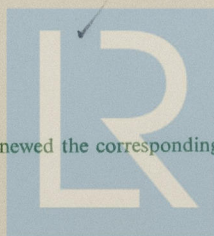
TOWLINE AND MOORING ROPES				CAST STEEL ANCHOR HEAD DROP TEST			
Item	Length <del>XXXXXX</del> Metres	Circ. or Diam. <del>XXXX</del> mm.	Material & breaking test	Maker's Name	Certificate No.	Surveyor's Initials	Date of Test
Towline	275	61	S.G.W.R. 192000BT	ACCIAIERIA & FERRIERA DEL CALEOTTO	293	JS	10/64
Mooring ropes	6 220	30	Fibre 32.750BT	BOWER (1) head	292	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

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.



*E. Winter*  
(E. WINTER)

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