COPY.

Report

of periodical Survey of Seaworthiness of a classed vessel.

(This report must unconditionally be accompanied by a certificate in accordance with form appendix 4, issued and signed by a competent surveyor belonging to the classification society in which the ship is classed).

The vessel's Yard Number: 53

Name: „Dagna Gorthon"

Character: Steamship, ~~Motorship, Aux. sailing-ship, Lighter~~ (according to denominations given in R. O. § 5.[1]) Cross over irrelevancies.)

official number: not yet known

port of registry: Helsingborg

gross tonnage: 1848,06 (engl.)

under-deck tonnage: 1551,82

Building material

of hull: steel

of decks: steel

Has the ship a complete deck? yes

Owners: John Gorthon A/B Gefion, Helsingborg

Master: Ivan Gorthon

Port of destination: Helsingborg

When built 1935

Where built Aalborg, Denmark

Builder's name: Mess. Aalborg Maskin-og Skibsbyggeri, A/S.

Main engines

year of construction: 1935

maker's name: Helsingør Jernskibs-og Maskinbyggeri

number: 1 ; type: Turbot compound

power: 1400 ind. ~~shaft~~ H. P.

Steam-boilers (high pressure air vessels)

number: 2

number of furnaces in each main boiler: 3

year of construction: 1935

maker's name: Mess. Aalborg Maskin-og Skibsbyggeri, A/S.

working pressure: 15.5 kg./cm.²

fuel consumption at sea per day: 15 tons.

Principal dimensions: *registered:* Length: 86.22 m.; Breadth: 13.30 m.; Depth: 5.27 m.

» » *according to R. O. § 5:* » 85.978 » » 13.289 » » 5.994 »

The vessel holds a Passenger certificate valid to and including the ✓ issued by Lloyds

» » » » Freeboard Register pending receipt of official certificate from Swedish Board of Trade issued by ✓

» » » » Wood cargo freeboard certificate valid to and including the ✓

issued by ✓

Did the vessel obtain a class at building? yes

Which class? + 100 A1 with Hulland Strengthening for navigation in ice contemplated.

Present class: ✓

Last classification survey took place at new vessel in the month of ✓ 19 ,

when the vessel was classed ✓ for a period of 4 years.

This survey was occasioned by Surveys to Lloyds Register of Shipping at the request of the Swedish Legation, Copenhagen

and took place at: Aalborg , commencing on the 8th Sept. 19 35

and concluded on the 10th Sept. 19 35.

[1]) *R. O. denotes the Royal Ordinance concerning the Construction and Equipment of Ships of the 20 May 1927.*

TRYCKERIBOLAGET ORION. STHLM. 28477.

By this survey of seaworthiness I (we) have ascertained that the screw steam ship Ragna Gorthan is seaworthy with respect to its employment and the trade, in which she is intended to be used, namely the ocean trade

This report is accompanied by 4 appendices.[1]

A copy of a written notification[2] to the master (owners), dated the ..... has been forwarded to the Board of Trade on the .....

Aalborg the 10th September 1935

sign. H. K. Juul

SURVEYOR TO LLOYD'S REGISTER OF SHIPPING

Note:

the

[1]) *Vide append. 1—4.*

[2]) *Refers to notification mentioned in Royal Ordinance concerning the Control of Ships § 26.*

Appendix 1.

Ship: Ragna Jarlan *Off. n:r* not yet known

Port of Registry: Helsingborg

Hull and Machinery.

Are all actual requirements fullfilled with respect to the following details and appliances?

Watertight bulkheads (R. O.[1]) 7 §)	yes
Openings in watertight bulkheads (R. O. 7 §; B. R.[2]) 99 §)	yes
Exits (R. O. 8 §)	yes
Ladders (B. R. 98 §)	yes
Rudder-trunk (R. O. 9 §)	yes
Openings in ship's side (R. O. 10 §; B. R. 99 §)	yes
Opening in decks (R. O. 10 §)	yes
Fire-proof arrangements (R. O. 11 §; B. R. 100 §)	yes
Chain locker (R. O. 24 §)	yes
Sounding- and air pipes (R. O. 19 §)	yes
Draining arrangements (R. O. 20 §)	yes
Hand pumps (R. O. 21 §; B. R. 109 and 110 §§)	✓
Protection of pipes (R. O. 22 §)	yes
Reserve steering gear (R. O. 26 §; B. R. 121 §)	yes
Bulwarks and rails (R. O. 27 §; B. R. 102 §)	yes
Power of propelling machinery (R. O. 12 §)	yes
Feeding arrangements (R. O. 16 §)	yes
Engine- and boiler seatings (B. R. 103 §)	yes
Shaft tunnel (R. O. 9 §)	yes
Speaking-tube and engine-room telegraph (R. O. 30 §)	yes
Whistle (R. O. 53 §)	yes
Protective arrangements (R. O. 13 §; B. R. 130 §)	yes
Provisions against fire (R. O. 31 §)	yes
Ventilation (R. O. 31 §)	yes
Insulation (R. O. 18 §)	yes
Windlass (R. O. 23 §)	yes
Spare gear (R. O. 56 §)	yes
Power draining appliances (R. O. 20 §)	yes
Power fire extinguishing pumps (R. O. 21 §; B. R. 108, 110—112 §§)	yes

Has the electric installation been examined? yes

Result: with satisfactory result

Ballong the 10th September 1935

sign. H. K. Lind.

SURVEYOR TO LLOYD'S REGISTER OF SHIPPING

[1]) *R. O. denotes the Royal Ordinance concerning the Construction and Equipment of Ships of the 20 May 1927.*

[2]) *B. R. denotes the Statutory order (Building Rules) issued by the Board of Trade on the 30 June 1927.*

TRYCKERIBOLAGET ORION STHLM 28478.

Appendix 2.

Ship: Ragna Gorthan Off. n:r patent kudum

Port of Registry: Helsingborg

Equipment.

Equipment number: 20274. Did the load line mark correspond with the actual freeboard certificate? yes

Summer freeboard in salt water 173 m/m.

Life-saving appliances.

Boats and Rafts									Davits			
N:r	Material	Class	Length m.	Breadth m.	Depth m.	Capacity m.³	Persons (B. R. 159 and 160 §§)	Place of stowage	Diam. m. m. (d)	Spread m. (R)	Height m. (H)	Material
1	steel, steam	1	7.01	2.16	0.85	7.72	27	boatdeck	121	1980	2667	wrought iron
2	frames of oak, planking pine	1	7.04	2.16	0.85	7.76	27		121	1980	2667	
3	pine	gig	5.25	1.75	0.74			two of frame abaft bridge	90	1525	2362	
4												
5												
6												
7												
8												

Material of air-cases: copper Are they of statutory capacity? yes

Type of disengaging gear: Mills patent Makers: Odenius, Gothenburg

Are all boats provided with the prescribed equipment? yes

Number of statutory **life-buoys**: 6, of which 1 with lights

Number of statutory **life-jackets**: 26, Material: capok, Type: general

What additional buoyancy apparatus are there? none

The following have been tested: life buoys and life jackets according to rules.

Have the requirements of § 39 R. O.[1]) as to stowing of boats, rafts, life-buoys and life-jackets etc., and of § 40 R. O. as to strenght of davits and their spacing, been complied with? yes

Are all actual prescriptions as to above named details observed? yes

Anchors.

Weight kg.	Test certificate
2150	48505 S. C. Paul
1809	48506 S. C. Paul
1699	47186 S. C. Paul
508 with their stock	19301 L. L. Wright

Chain cables.

Type	Length m.	Link Diameter m. m.	Test certificate
stud link	240 lns 439 m	1 13/16	№ 36276 L. L. Wright Lloyds

Have the chain cables been ranged for inspection? yes

Were the cable ends properly secured? yes

Hawsers.

Material	Length m.	Size mm.
steel	137	108
"	165	101
" 2 ×	165	64
" 2 ×	165	58
steel " 2 ×	165	64
manilla	219 ×	203

Lanterns.

Number	Description	Certificate
2	Masthead	№ 10844, № 10867 Copenhagen
1	Spar	№ 11085 Petersburg
2	side	10846, 10847 Copenhagen, 11079 petr. + 10942
2	anchor	11278, 11303 petr.
1	stern	10850 Copenhagen
2	red	10517, 11100, 11109 Copenhagen petr.

Compasses.

Description	Certificate
Standard	1 dry № 4379 Copenhagen
Steering	1 unit " 4413 Copenhagen
Spare	1 unit 4396 Copenhagen

Were the lights properly placed and screened? yes

Were the requirements of §§ 96 & 97 B. R.[2]) as to masts, spars and rigging complied with? yes

TRYCKERIBOLAGET ORION, STHLM. 28479.

Sundry equipment.

Number		Number		Number		Number	
2	Hoses each 20 m. 1/a 152	2	Ship's clock	1	Set signal flags	2	Bell
4	Fire extinguishers 3a 122	2	Night glasses	1	Internation. sign. code		Triangel ✓
9	Buckets wood	1	Barometer	4	Flare up	2	Black globes
1	Safety lamps davis	1	Thermometer	10	Blue lights 10 Rockets	2	Pilot ladders
1	Radio telegr. installation, Rural, class 2 Telegraphist	1	Handlead, 60 m. line 1a 120	1	Morse lamp		Medicine chest n:r Supplied at Medical book Fleming Eng
		2	Deepsealead, 1a 270 m. line		Black cylinder ✓		Statutory books and publications
1	Azimuth instrument	1	Sounding machine	1	Whistle		
1	Chronometer	2	Logs Patent 1 hand	1	Foghorn, ~~Trumpet~~	10	Statutory charts
1	Sextant						

State whether the under-mentioned safety arrangements were to be found:

Ground tackles (§ 25 R. O.)	✓	Situation of steering-gear etc. (§ 122 B. R.)	Telemotor Flatte
Yard-beckets (§ 28 R. O.)	✓	Battening down arrangements (§ 126 B. R.)	yes
Towing-hook (§ 29 R. O.)	✓	Gangway etc. (§ 128 B. R.)	yes
Spare sails and spars (§ 57 R. O. & § 131 B. R.)	✓	Inflammable liquid containers (§ 129 B. R.)	
Hoisting-gear (§ 120 B. R.)	yes	Special safety arrangements (§ 130 B. R.)	yes

Height of bulwarks: 1070 m/m of fixed rails: 1070 m/m

Are all actual requirements as to above named details complied with? yes

Note: All hatches on 2nd deck (cargo and coal) have removable stantions with tonflines.

Aalborg the 10th September 1935

sign. H. D. Jensen
SURVEYOR TO LLOYD'S REGISTER OF SHIPPING

[1]) R. O. denotes the Royal Ordinance concerning the Construction and Equipment of Ships of the 20 May 1927.

[2]) R. R. denotes the Statutory order (Building Rules) issued by the Board of Trade on the 30 June 1927.

Occupant	Situation (f) forward; (m) midships; (a) aft; (l) lower deck; (p) upper deck; (ud) under deck; (od) on deck.	Height betw. decks (§6)	Unobstructed floor space (§6)	Volume (§6)	Number of occupants	Natural light (a) adequate (i) inadequate	Description and quality of arr. for lighting (e) electric (p) petroleum (c) candles	ventilation (a) air-pipes (m) mechanical (d) door-vent (f) fan.	heating (st) steam (w) hot water (e) electric.
Saloon	m	2.08	11.38	28.10		a	e	a	st
Capt. W.C.	m	"	1.16	2.56		a	e	a	st
" bath	m	"	2.60	6.04		a	e	m	st.
Off. W.C.	m	"	1.46	2.32		a	e	m	st.
Off. bath	m	"	1.63	3.58		a	e	m	st.
seam. W.C.	a. od.	2.1	1.30	2.88		a	e	m	st.
" bath	a. od.	2.1	2.24	4.95		a	e	m	st.
fireman W.C.	a. od.	2.1	1.30	2.88		a	e	m	st.
" bath	a. od.	2.1	2.24	4.95		a	e	m	st.
" messroom	a. ud.	1.980	5.72	11.32		a	e	a + d + forced draught	st.
seam. "	a. ud.	1.980	5.72	11.32		a	e		st.

10th September 1935

sign. H. T. Jewel.

SURVEYOR TO LLOYD'S REGISTER OF SHIPPING

005187 - 005193 - 0386 4/6

Report of Inspection

as to living quarters and other spaces for the use of the personel.

Ship's name: „Dagna Gorthan" off. number: not yet known

Character: +100 A 1, with freeboard strengthened for navigation in ice contemplated Port of registry: Flensburg

The inspection, which has been occasioned by Surveyor to Lloyd's Register of Shipping at the request of the Danish Legation, Copenhagen

took place at: Aalborg, commenced on the 8th Sept. 1935 and was

completed on the 10th Sept. 1935.

Occupant	Situation (f) forward; (m) midships; (a) aft; (b) foc'sle; (p) poop; (ud) under deck; (od) on deck.	Height between decks (6 §)	Unobstructed floor space (§ 6)	Volume (§ 6)	Number of occupants	Natural light (a) adequate (i) inadequate.	Description and quality of arrangements for lighting (e) electric; (p) petroleum; (c) candles	ventilation (a) air-pipe; (m) mushroom or goose-neck; (d) door ventilator; (f) fan.	heating (s) iron stove; (st) steam; (w) hot water; (e) electric.
	m	2080	7,81	22,95		a			
Capt.	m	"	6,42	18,60	1	a	e+p	a	st.
	m	"	4,15	12,34		a			
1st Officer	m	"	4,15	12,84	1	a	e+p	a+d	st.
2nd "	m	"	2,55	9,22	1	a	e+p	a+d	st.
3rd "	m	"	2,02	8,05	1	a	e+p	a+d	st.
Chief eng.	m	"	4,07	14,00	1	a	e+p	a+d	st.
2nd eng.	m	"	2,71	9,57	1	a	e+p	a+d	st.
3rd eng.	m	"	2,28	8,41	1	a	e+p	a+d	st.
Steward	m	"	2,34	9,06	1	a	e+p	a+d	st.
Radio Operator	m	"	3,54	12,83	1	a	e+p	a+d	st.
Cook	m	"	2,12	8,00	1	a	e+p	a+d	st.
Boy	m	"	1,22	6,07	1	a	e+p	a+d	st.
carpenter	a. ud.	1980	2,53	11,15	1	a	e+p	a+d plus forced draught	st.
2 seamen	a. ud.	"	2,46	9,60	2	a	e+p		st.
"	a. ud.	1960	2,42	8,95	2	a	e+p		st.
"	a. ud.	"	2,60	7,55	2	a	e+p		st.
Donkeyman	a. ud.	1980	2,53	11,15	1	a	e+p		st.
Fireman	a. ud.	"	2,46	9,60	2	a	e+p		st.
"	a. ud.	1960	2,42	8,95	2	a	e+p		st.
"	a. ud.	"	2,60	7,55	2	a	e+p		st.
Hospital	m	2080	1,63	6,30	1	a	e+p	a	st.
Mess-room	m	"	16,33	14,69		a	e+p	a+d	st.

(The table should give not only living quarters, but all other spaces used by the personal onboard such as mess-rooms, hospitals, bath-room, lavatories and w. c's, but, exept as regards living quarters, only the applicatory particulars need to filled in. In the first column state rank of occupant.)

TRYCKERIBOLAGET ORION STHLM 28480.

7) Engine Sealing

Are the requirements of the Royal Ordinance of 20 May 1927 concerning Seamens Accomodation, as far as regards the under mentioned details and arrangements, complied with?

-1. Separate sleeping rooms etc. (§ 3) yes
-2. Limitation of the number of persons in one and the same sleeping-room (§ 4) any and two
-3. Situation of sleeping-rooms (§ 5) all below upper deck and amidships in hatch.
-4. Minimum capacity of sleeping-rooms (§ 6) 6.07
-5. Sleeping-berths (§ 7) yes
-6. Protection of sleeping-rooms from moisture (§ 8) yes
-7. » » » » from effluvium (§ 9) yes
-8. Prohibited passage through sleeping-rooms (§ 10) yes
-9. Ventilation of sleeping-rooms (§ 11) yes
-10. Heating of sleeping-rooms (§ 12) yes, Steam
-11. Daylight in sleeping-rooms (§ 13) yes ridulights and skylights
-12. Painting of sleeping-rooms (§ 14) yes
-13. Clothes lockers (§ 15) yes
-14. Mess-room etc. (§ 16) yes
-15. Galley etc. (§ 17) yes
-16. Washing places etc. (§ 18) yes
-17. Privy accomodations (§ 19) yes
-18. Hospitals (§ 20) yes
-19. Other accomodations (§ 21) yes
-20. Accomodation for lascars (§ 22) ✓
-21. Fishing ships (§ 23) ✓
-22. Ship's stores etc. in sleeping rooms (§ 24) ✓
-23. Cleaning the rooms (§ 25) ✓
-24. Drawings to be sent in (§ 27) yes
-25. Ordinance to be available onboard (§ 28) yes

In case there is no such detail or arrangement as mentioned in the interrogatory, answer the question by a dash. For the rest **none** of the above questions should be left unanswered. In case an exhaustive answer cannot be given, explain under note below.

Note: State below all deviations from actual requirements observed and also what other defects have been found to exist, explain statements given and state what exemptions, granted by the Board, have been made reference to. Also state whether defects have been remedied or not.

By the inspection now carried out I have found the steam ship "Ragna Gorthan" to be ~~not to be~~ in due condition as far as the parts examined are concerned.

A copy of the written notice[1]) to the master (owner) dated the ..... has been forwarded to the Board on the .....

Aalborg the 10th September 1935

sign. H. H. Juul
SURVEYOR TO LLOYD'S REGISTER OF SHIPPING

Have you found reason the make remarks as to the accommodation? no

Have the defective parts been set in order? no defective parts.

[1]) Refers to notification mentioned in the Royal Ordinance concerning the Control of Ships § 26.

29. Sept: 2.3.5.6.9.10.11.

Appendix 4.

Lloyd's Register of Shipping
Skt. Annæ Plads 28
Copenhagen

This is to certify that the undersigned surveyor to ..... did on the 8th, 9th & 10th Sept. 1935 visit the screw steam ship „Ragna Gorthan".

Grosstonnage 1848.06 (engl.)

Official number not yet known

Owners John Gorthan

Port of Registry Helsingborg

Class +100 A1 with freeboard strengthened for navigation in ice contemplated in the classification society of Lloyds Register of Shipping;

that I have on this ship carried out such examination relating to the safety to which the ship is subjected for the obtainment or maintenance of the said class;

and that I have ascertained that the ship is in a seaworthy condition with regard to her employment and the trade in which she is used or intended to be used i. e. in the ocean trade.

Aalborg the 10th September 1935.

sign. H. T. Juul

SURVEYOR TO LLOYD'S
REGISTER OF SHIPPING

TRYCKERIBOLAGET ORION. STHLM. 28586.