

REPORT of SURVEY for REPAIRS, &c.

Date of writing Report 9th Apr 1929 When handed in at Local Office 19 Port of Rotterdam

No. in Reg. Book. Survey held at Rotterdam Date, First Survey 28th Jan. Last Survey 4th April 1929

on the Wood, Iron or Steel Sc 1/2 "VALKA" YEAR. MONTH.

TONNAGE: Built at Cleveland, O. By whom American S.B. Co. When 1917

GROSS 2039 Owners D. W. Clayton Owners' Address Riga

UNDER DE. 1679 Managers A. Statnins Port belonging to Riga

NET 1263 Name of Dock H. J. J. Smit Destined Voyage Copenhagen

Surveyed Afloat or in Dry Dock? Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

WB=CellD BorDBa feet; uE&B feet; f feet Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

total capacity tons. FPT tons; APT tons; MT feet tons. Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

N.B.—All alterations in the existing records should be underlined. If the Vessel has Water Ballast Tanks, state whether the manhole covers have been removed, and the inside of the tanks examined. Also state the amount of deterioration (if any) found in the thicknesses of the floors, framing, girders, and of the inner bottom plating, especially in the boiler space.

Last Report, No. 18100 Port Rot Society's Freeboard (if assigned) as painted on Ship and now verified ft. ins.

Was a damage report made by anyone else? If so, by whom? Unknown. Sur.

REPAIRS, OR EXAMINATION AS PER RULE, FOR Survey of dam. repairs.

This vessel is reported to have sustained damage through grounding outside Hook of Holland on the 18th of January 1929 on her voyage from Rotterdam to Helmingfors.

The vessel has been placed on the slipway, bottom and rudder cleaned, examined and found rudder and stemframe broken and bottom damaged. The following repairs have been carried out:

Stemframe and rudder with arms completely renewed, made of annealed Siemens Martin steel forged under my inspection by Messrs P. Smit yard and examined during various stages of progress. Bend and tensile test pieces have been made p.t.o.

SUMMARY OF DAMAGE REPAIRS:—	Shell Plates.	Frames.	R. Frames.	Floors.	Beams.	Str. Plates.	Dk. Plates.	Other Items.
Renewed	4			2				1 stemframe
Removed and Fair'd or Repaired	17			16				18 gun flms
Fair'd or Repaired in place	21			57				20 gun flms

PRESENT CONDITION OF THE	State if Tanks have been examined inside	Dblng. Plates under Sounding Pipes	Copper, or Y.M. of Wood Vessels
Decks	Yes	Good	(State if on Bolt).
Plating of Decks	Yes	Engine Room Skylights	When put on, Month Year
Stowings	Yes	Coal Bunkers, Open'gs, Lids, &c.	Boats
Stowings & Fastenings	Yes	Scuppers	Masts, Yards, &c.
Outside Plating	Yes	Cargo Hatchways	Condition, how ascertained
Fastenings	Yes	Hatches	(State if wedges removed)
Stowings	Yes	Planking of Wood Vessels	Sails
Stowings	Yes	Caulking ditto	Equipment letter
Stowings	Yes	Treemails ditto	Anchors, No. of
Stowings	Yes	Breasthooks & Stemson ditto	Cables (State if now ranged)
Stowings	Yes	Transoms, Pointers, & Crutches ditto	Length (on board) size
Stowings	Yes	Timbers of Frame at openings ditto	Rule length size
Stowings	Yes	Ditto ditto at other places ditto	Hawser & Warps
Stowings	Yes	Stringers, Clamps & Shells ditto	Standing and Running Rigging
Stowings	Yes	Salting (State if examined)	

General Observations, Opinion as to Class, Recommendation, &c.:

State clearly whether any and, if so, what alteration is suggested to be made in the existing classification and notification of the vessel in the Register Book consequent upon this survey, thus, for example:—"to remain as now classed in the Register Book without fresh record of Survey," "to remain as classed and to have record of survey, 1,2,4," or "to remain as classed and to have record of survey, 1,2,4, and the notations of ss No. 1-24 and ptND24, &c."

This vessel is in a good and efficient condition and in my opinion eligible to be continued as classed with fresh record of Survey 4-29 and notation S.B. N°3 Rotterdam when the survey has been completed

Fee (per Section 20) 225.00 Fee applied for, 1/4 1929

Damage or Repair Fee (if any) 250.00 Received by me, 1/4 1929

Expenses (if chargeable) 20.00

Second Surveyor's Fee (if any) £

Committee's Minute FRI. 26 APR 1929

Character Assigned 100 A1 (without Spl. condn)

L.M.C. 3-29 (50)

Cargo Bunkers not fitted

Lloyd's Register Foundation

005470-005479-01701/3

S. S. Valka

I

One sidegirder intercostal removed faired and replaced.
 On S.B. N° 3 Bottomtank: 2 flons with frames renewed.

3 open flons renewed; 3 bottomframes removed faired and replaced. All intercostals renewed. Centre girder faired in place.

On P.S. same as on S.B.

On S.B. N° 4 Bottomtank: 9 flons faired in place and stiffened with angle bars. Intercostals faired in place.

On P.S. 9 flons faired in place and stiffened with angle bars. Intercostals faired in place.

N° 5 Bottomtank: S.B. 2 flons removed faired and replaced. 6 flons stiffened with angle bars and faired. 1 open flon removed faired and replaced.

N° 5 P.S. 6 flons removed faired and replaced; 6 frames faired in place; 11 open flons removed faired and replaced. 9 intercostals removed faired and replaced.

On completion of repairs all bottomtanks and fore and afterpeak tanks tested under pressure and found tight. All broken and disturbed cement renewed all ceiling lifted and relaid and repaired as found necessary.

60 fathom chain cable, 2 bowanchors and stream anchor which were lost have been replaced by other ones see space for anchors and chain cables chain cable and anchors compared with certificate carefully examined and found in order. Bottom and undercoated.

Part S.S. N° 3.

The vessel has been placed on the slipway, bottom and under cleaned examined found in good condition and recoated. Examination of shellplating found such that no drilling was considered necessary.

Holds engine and boiler space, fore and afterpeak tanks cleaned and cleaned for examination. All ceiling removed in holds, frames, flons, brackets, stringers, brackets, beams, boilerbearers and all other parts thoroughly cleaned scaled made free from incrustation and examined right fore and aft. All parts have been recoated where required and all casings and pipes exposed. All double bottomtanks and fore and afterpeak tanks examined internally, cleaned cement washed made a found good and tested by a head of water as required by the rules and found found. See continuation sheet.

and found good. Areas shown here on, underhead connected to maingirder in line and faired in order. Afterwards stemframe and spidder fitted in place, under tested under steam and found in good working condition. Steering gear overhauled and repaired. Handsteering gear removed. In connection with the new stemframe the following shellplates have been removed and replaced. Keelplate N° 1; On S.B. B shake plate N° 1; D shake plate N° 1; E shake plate N° 1; (F shake plate N° 1 and C shake plate N° 1 removed)

On P.S. A shake plate N° 1 and D shake plate N° 1 removed. The following bottomplates covered from stem have been dealt with.

Keelplate N° 7 removed faired and replaced.

On P.S. A shake plates N° 7-8-9 removed faired and replaced.

" " " " N° 2+3 faired in place.

" " " " N° 6-7-8-9 removed faired and replaced.

" " " " plates N° 2+3 faired in place.

" " " " plate N° 6 removed faired and replaced.

" " " " plates N° 1-2-3-7 faired in place.

" " " " N° 6-7-8 " " " "

On S.B. A " " " N° 6-7 removed faired and replaced.

" " " " N° 2-3-8-9 faired in place

" " " " N° 6-7-8 removed faired and replaced.

" " " " N° 2-3 faired in place.

When Anchors or Cables are supplied, the particulars are to be reported in the following form:—

ANCHORS.

Number of Certificate.	Anchors.*	WEIGHT, EX STOCK.			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.			WEIGHT REQUIRED BY RULE.			Description of Anchor.	Makers.	Where and when tested and Superintendent.
		Owts.	qrs.	lbs.	Owts.	qrs.	lbs.	Tons.	Owts.	qrs.	lbs.	Owts.	qrs.	lbs.		
55487	1st Bower ...	35	3	7	32	10	3	0	35	2	0	35	2	0	Shank, galvanized	Ja. Hargreaves & Co. Ltd. 25/10-1910
19	2nd "	34	0	14	"	"	"	31	14	1	14	"	"	"	"	Proprietary 25/10-1910
	3rd "														"	25/10-1910
	Collapsible Weight.											101	0	0		25/10-1910
48826	Stream	10	2	24	2	2	0	12	13	0	14	"	"	"	Common shank	King & Co. Rotterdam 11/12-1905
	Kedge.....															

* When a bower anchor is supplied it must be clearly stated whether it is a 1st, 2nd, or 3rd bower.

CHAIN CABLES.

Number of Certificate.	Length and size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE.		Length and size per Rule.		Description.	Makers of Cables.	When and where tested and Superintendent.
	Length.	Diam.	Stress.	Breaking.	Supplied.	Per Rule.	Length.	Diam.			
1021	15	1 1/2	59 1/2	82 1/2	27-2-20	27-2-20	240	1 1/2	Shank	see list	Amsterdam 14/1-20
1015	15	1 3/16	"	"	24-2-15	24-2-15	"	"	"	"	14/1-20
1011	15	1 3/16	"	"	24-2-12	24-2-12	"	"	"	"	13/11-20
1412	15	1 3/16	"	"	25-1-0	25-1-0	"	"	"	ALV. HAKS J	Rotterdam 2/4-20
Iron Stream Chain (see Steel Wire.)											

C shake plate N° 6 removed faired and replaced.

" " plates N° 1-2-7-8 faired in place.

On S.B. N° 1 Bottomtank: 14 flons faired in place and stiffened by angle bars.

On P.S. 16 flons faired in place and stiffened by angle bars.

On S.B. N° 2 Bottomtank: 4 flons with frames removed faired and replaced

On P.S. 4 flons with frames removed faired and replaced

See continuation sheet.

S. S. Valka

II

and light. chain cables ranged with shackles
 unlocked all made good and complete. chain
 locker en^o internally and found good.
 Steam steering gear, its connections, rods, chains, blocks
 made good and steam steering gear overhauled
 en^o and found or made good. Pumps, w. l. down
 air and sounding pipe ventilator running's overhauled
 examined and found or made good. doubling plates
 under sounding pipes good.

Remains to be done to complete Spec. Surv. N^o 3
 Bridge space, forecable space, poop space to
 enamine; lining under ^{side ports} supports to be removed;
 Benches to enamine. (except lifting of ceiling)
 Decks marked ^{wedges to remove} trans and rigging to be examined.
 Hatchways with hatches in position to enamine
 Truband to be verified.

Wear and tear repairs carried out.

In off hold on S.B. 2 plates on tank top renewed.

On P.S. 1 plate on tank top renewed.

The certificates of the lost anchors have been
 sent herewith for canceling

J. H. H. H.