

List of

BELOW Rpt No. 377  
VESSEL'S NAME "Orca"

Rpt. 8. B.C. 14 NOV 1949 (Received at London Office) No. 388a.

# REPORT OF SURVEY FOR REPAIRS, &c.

Date of writing Report 25-9-49 When handed in at Local Office 19...  
No. in Survey held at Harlingen. Date, First Survey 28-1-49 Port of Groningen.  
Reg. Book on the Wood Iron or Steel Twin Screw Motorvessel "ORCA" Last Survey 16-9-19 49.  
(No. of Visits 44)

TONNAGE: - Built at Glasgow By whom Messrs. Brown. YEAR. MONTH. When During War 1940-45.  
GROSS 500 Owners N.V. "Orca".  
UNDER DK 316 Managers N.V. "Carebeka". Owners' Address Groningen.  
NET 363 (If not already recorded in Appendix to Register Book).  
Port belonging to Rotterdam.

Surveyed Afloat or in Dry Dock? slipway Name of Dock "Welgelegen" Destined Voyage  
LDBorDBa feet; uE & B feet; f feet }  
Total capacity tons. FPT tons; APT tons; MT tons. }  
Only alterations in the existing records of tanks should be inserted.

N.B.—All alterations in the existing records should be underlined.  
Last Report, No. Port

Periodical Surveys, when held, must be reported in detail and serially in the terms of the Rules and items remaining to complete the Surveys should be summarised. State clearly the cause of Repairs, if any, and, in detail, the nature and extent of Examinations and subsequent repairs. Repairs on account of Damage (the cause of which must be stated) should be separated from Repairs due to other causes; and besides being detailed in the body of the report, should be summarised in the form shown below. Whenever the replacement of Anchors or Chains is reported the particulars should be clearly stated in the space provided on the back of this form. State also the dates and initials of any letters respecting this case.

damage cases where the Surveyor has not made a special damage report he is required to state whether he offered his services for this purpose and to whom and why they were declined  
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?  
REPAIRS, OR EXAMINATION AS PER RULE, FOR conversion ex "US LC Fl2" to coaster.  
The vessel has been placed on the slipway for examination and conversion; on completion particulars of the vessel have been stated in Report No. 377a for first entry in class.  
A Special Survey has been carried out and the following items have been examined or dealt with to satisfaction:

Bottomplating: Found in good condition. Forepart with reinforcements new from frame 84.  
Stem: Platestem new.  
Ruddarpost: New. Cutwater ditto.  
Rudders: Centre rudder with stock and coupling new fitted. Existing side rudders removed, fitted with streamline plating, new upper stock and coupling and re-arranged in line with propellershaft.

SUMMARY OF DAMAGE REPAIRS:—	Shell Plates.	Frames.	R. Frames.	Floors and Bracket Floors	Beams.	Inner Bottom Plates.	Dk. Plates.	Other Items:—
Renewed ...								
Removed and Faired or Repaired								
Faired or Repaired in place ...								

PRESENT CONDITION OF THE	Condition	Remarks
Decks	good	
Plating of Decks + e.w.	"	
Stairways	new	
Rings	"	
Nuts & Fastenings	"	
Side Plating	good	
" in way of sidelights	"	
Frames	"	
Transverse Frames	"	
Longitudinals	"	
Reverses	good	
Stems	"	
Transoms	"	
Stringers	"	
Bottom Plating	good	
the Tanks been examined internally?	yes	
the Tanks been tested?	yes	
Bulkheads	good	
Ceiling	new	
Cement or Asphalt	bottom oiled	
Rudder	new	
Steering gear and its connections	"	
Windlass	good	
Have pumps been examined and found efficient?	yes	
Have Sluice Valves been examined and found efficient?	"	
Have Watertight Doors been examined and found efficient?	"	
Have Ventilators and their Coamings been examined and found efficient?	yes	
Air and Sounding Pipes	in order	
Doubling Plates under Sounding Pipes	yes	
Engine Room Skylights	good	
Coal Bunkers, Openings, Covers, &c.	"	
Oil Bunkers	good	
Scuppers	new	
Cargo Hatchways	"	
Hatches	"	
Planking	"	
Caulking	"	
Treenails	"	
Breasthooks & Stemson	"	
Transoms, Pointers & Crutches	"	
Timbers of Frame at openings	"	
" " at other places	"	
Stringers, Clamps & Shelves	"	
Salting (State if examined.)	"	
Copper, or Y.M. (State if on Felt.)		
When fitted, Month		Year
Boats	new	
Masts, Yards, &c.	"	
Condition, how ascertained (State if wedges removed.)		
Equipment letter	C 17	
Anchors, No. of	3 bowers, 1 stream	
Cables (State if now roped)	new	
" length	183 fms mean diamr. 1 1/8"	
" Rule length	165 fms size 1 1/16"	
Chain Locker	new	
Hawsers & Warps	complete	
Standing and Running Rigging	new	
Sails	"	

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 classed in the Register Book without fresh record of Survey," "to remain as classed and to have record of survey, 1,38," or "to remain as classed and to have record of survey, 1,38, and the notations of ss No. 1-38."

Fee (per Section 29)	£1. 690.--	Fees applied for,	10-11-1949.
Damage or Repair Fee (if any) (per Sec. 29)	£	Received by me,	19.
Printing Expenses (if chargeable)	£1. 299.--		
Surveyor's Fee (if any)	£		

Committee's Minute... Fri. 27 JAN 1950  
Character Assigned... See minute on Cas 1288  
Surveyor to Lloyd's Register of Shipping.  
Lloyd's Register Foundation

Is Certificate required? If so, to be sent to Groningen via Rotterdam

N.B.—If this Report is copied by Copying Press, especial care must be taken that the copying paper is not so much damped as to spread the ink, or to cause it to show through to the other side.

Protection bars made round side rudders and propellers.

Cleaning: Bottom scraped and painted.

Sideplating: Indented parts to starboard and portside faired:

Starboardside: C 1 and C 2 plates renewed. C 3 and C 6 plates removed, faired and refitted.

Portside: C 1, C 2, C 6, C 7 and C 8 plates renewed. C 5 plate removed, faired and refitted.

Longitudinal angles on sheerstrake removed and substituted by doubling plate.

In connection with increase of depth rivets in stringer angle removed and new upper sheerstrake connected there.

Forepart of the vessel new. Sternpart new.

Hold: Found in good condition, cleared and coated. Inner bottomplating reinforced equivalent to approved plan. Sufficient manholes made for accessibility of centre well.

Ceiling new. Sparring and gutterway made in way of transverse bunker and No. 3 sidetanks (close sparring on battens).

Forepeak: New; oiled.

Enginespace and steering compartement found in good condition.

Double bottom: Cleaned for examination internally. Found in good condition.

Side tanks: Ditto.

Testing: New built double deck tested before testing of side tanks.

Forepeak: Forepeak, double bottom, side tanks and fresh water tanks tested to

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.
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons	Cwts.	qrs.	lbs.	Cwts.	qrs.			
	1st Bower															
	2nd "															
	3rd "															
	Collective Weight															
	Stream.....															
	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.	Stagnant.	Breaking.	Supplied.	Per Rule.	Length.	Diam.			
	Fathoms.	Ins.	Tons.	Tons.	Cwts. qrs. lbs.	Cwts. qrs. lbs.	Fathoms.	Ins.			

B.C. Rule requirements, to satisfaction.

Bunkers: Piping tunnel made through transverse bunker. Examined internally and found in good condition. Afterwards bunkers tested to satisfaction.

Decks: Main deck constructed to box-type. Forecastle with deckhouse new. Deckhouse amidships new. Deckhouse aft. partially new.

Hatchways: Coamings new. Covers with supports new. Tarpaulins, cleats, battens, locking bars new.

Bulkheads: In efficient condition.

p.t.o.

Steel Twin Screw Motorvessel "ORCA".

Masts, spars and rigging: New and tested by Factory Act Inspector. ✓

Windlass: Electrically driven type placed; hand driving possible. ✓

Chainlocker: New. ✓

Hawse pipes: New. ✓

Anchors and chains: New set supplied. ✓

Air and Sounding pipes: New; sted plates fitted where necessary. ✓

Steering arrangement: Handgear supplied with new approved chains and rods. Arrangement driving side rudders new. ✓

Emergency tackles to capstan on board. ✓

Sanitary discharges: New. ✓

Handpumps: New. ✓

Bilge- and Ballastpipelines: New. ✓

Load Line items: As per Report B.C. 171, dated 22-12-48.

This Special Survey is herewith completed.

*debs*

If Stockless, state Mechanical Test. THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THIS MARGIN.

