

Rpt. 1

DISCLOSED

SECTION

No. 1105

Port KOBE

14 AUG 1963

FE-11678

Date of completing report 28th June, 1963

When handed in at Local Office JUL 20 1963

Received London

Survey held at Mukaishima, Japan

First Visit 7th Nov., 1962

Last Visit 17th June, 1963

No. of Visits 30

FIRST ENTRY SHIP REPORT

ON THE SS/MS/ T.S.M.S. "POL 505"

F.E. FROM ACCTS.	16/8/63
F.E. FROM ADMIN/F.	21/8/63
PLANS RECD.	14/8/63
CERTS. RECD.	14/8/63
TO RPTS. DEPT.	21/8/63

Has Report been sent on (1) Freeboard of Ship? Copy of C.11 attached.

(2) Machinery? Yes

(Exempt from load line)
(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 forwarded).

Type of Ship Patrol Boat

Is machinery fitted aft? No

Length (D 201 of Rules)* 144.36 feet

Built at Mukaishima, Japan

Breadth (D 202 of Rules) 24.61 feet

Launched 25th January, 1963

Yard No. 3962

Depth (D 203 of Rules) 11.32 feet

Builders Messrs. Hitachi Shipbuilding & Eng. Co., Ltd.,

Draught (summer moulded) (D 204 of Rules) 7.71 feet

Mukaishima Shipyard

Deck Factor "F" excluding d_t -

Owners Government of the Republic of Indonesia

,, ,, "F" including d_t -

Address -

Gross tonnage 310.35

Managers -

Net tonnage 88.36

Address -

Official number -

Port of Registry Djakarta

Signal letters -

Date of last survey in drydock 27th April, 1963

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 any modifications and/or additions to the original approved arrangements made during construction, been indicated in ink of a distinctive colour other than red on the approved plans now forwarded, and approved locally as being in accordance with or by standards equivalent to Rule requirements? Yes
See page 4

If separate plans of midship section and profile and decks showing the ship as built 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 satisfactorily marked on the ship's sides and verified? Ship exempt from Load Line.

BUILDER'S DECLARATION : To the best of my knowledge the ship has been built in conformity with the Rules, Regulations and requirements of Lloyd's Register of Shipping.

K. Ikeda

K. Ikeda,

Yard Manager

Builder's Signature

FEES, etc.

Special Survey fee

Travelling expenses

Late attendance fees

Fees applied for

Received

Classification Certificate to be sent to

Kobe

Date of issue

19 SEP 1963

Has an Interim Certificate been issued?

Yes - copy attached.

This Ship in my opinion is eligible to be classed:-
(Special notations where part of class to be stated)

+100A1 Patrol Boat

Signature

FOR TS MARSHALL & SELF

Surveyor(s) to Lloyd's Register of Shipping

S. Bowman, T.C. Marshall, A.S. Scott &

K. Urayama.

Committee's Minute

FRIDAY 13 SEP 1963

Character Assigned

+ 100A1 Patrol Boat

DS 4-63

LACP

+ LMCES

6-63

Write log (h) + (m)

Rmt

TS(B)

Noted for Header

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STEEL

Manufacturer's Name and/or Trade Mark of the steel used in the construction of the ship:—

Plates:— **Kawasaki Steel Corporation.**
Amagasaki Iron & Steel Mfg. Co., Ltd.

Sections:— **Kawasaki Steel Corporation.**
Amagasaki Iron & Steel Mfg. Co., Ltd.

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**

Particulars of Special Quality Steel used **None**
 (Advice notes to be forwarded separately with plan showing disposition of these plates)

ELECTRIC WELDING

Parts of main structural importance electrically welded **Main structure electrically welded throughout, except connection of bilge keel to shell angle which is riveted.**

Parts examined by radiography **Seams and butts of shell (27) and upper deck (8), Total - 35.**Were the electrodes used of types approved by the Committee? **Yes**

FORGINGS, CASTINGS AND FABRICATED PARTS

ITEM	FORGING, CASTING OR FABRICATED (Certificates to be forwarded)	MAKER'S NAME
Stem bar	-	-
Shaft brackets	X Casting ✓	✓ Hitachi Shipbuilding & Eng. Co., Ltd., Chikko Shipyard
Sternframe	-	-
Rudder mainpiece & upper & lower castings	X Castings ✓	✓ Hitachi Shipbuilding & Eng. Co., Ltd., Chikko Shipyard
Rudder head	X Forging ✓	✓ Hitachi Shipbuilding & Eng. Co., Ltd., Chikko Shipyard
Quadrant	-	-
Tiller	X Casting ✓	✓ Messrs. Tokyo Kikai Co., Ltd., Tokyo

GENERAL PARTICULARS

Steering gear (Type & Maker) **Electric-hydraulic, Tokyo Kikai Co. Ltd., Tokyo** Auxiliary steering gear **Manually operated hydraulic gear**
 Steering chains (Size & test) **-** Windlass (Type & Maker) **Hydraulic Tokyo Kikai Co., Ltd., Tokyo**
 Ceiling in holds (Material & thickness) **Wood 50 mm** Are cargo battens fitted in holds? **Yes** in 'tween decks **No** Tween Deck
 Parts of bottom plating on which cement or an approved composition is laid (if fitted):— **Cement on bottom of fore peak tank**
After W.B. tank frs. 6-13 and void space frs. 6-10 (P)

Particulars of composition (if any):— **None**Insulated cargo compartments (if any):— **None**Parts of structure of material other than steel (if any):— **None**If mechanical ventilation is fitted, state in which cargo spaces:— **None**If cathodic protection is fitted, state in which tanks:— **None**

EQUIPMENT

Number **523.74**Letter **f**

ANCHORS

Certificate No.	Anchor	Weight of Anchor cwt qr. lb	Weight of Stock (if any)	Test per Certificate T G Q Lbs	Rule weight	Description of Anchor	Where and when tested
Y-18700	Bower (1)	9 0 19	-	12 0 0 0	9 cwt	Latest improved Halls type	Tokyo 11-12-1962
Y-18701	" (2)	9 0 17	-	12 0 0 0	9 cwt	Stockless Anchor CS head & shank	Tokyo 11-12-1962
	" (3)					F.S. shackle & pin	
	Coll. wt.	18 1 8			18 cwt		
Y-18705	Stream	3 1 15	0 3 13 6 8 0 0		3 cwt 1 qr (Ex. stock)	Adm Pattern C.S. body & stock F.S. Shackle & Pin	Tokyo 11-12-1962

CHAIN CABLES

Number of Certificate	Supplied		Test per Certificate		Weight of Chain Cable		Rule		Description and Material	Makers of Cable	Where and when tested
	Length	Dia.	Stat.	Bkg.	Supplied	Rule	Length	Dia.			
	metres	m/m.	kg.	kg.	kg.	kg.	metres	m/m.			
CG-84289	303.15	24	34,220	22,830	4,054	3,790	300	25.5	Electrically Welded Special Steel Stud Link Chain Cable	Koyo Chain Mfg. Co., Osaka	Osaka 11-12-1962
This certificate includes 16 joining, 2 anchor and 2 buoy shackles and 2 swivels.											
Two lengths of the above chain cable are made up of 2 lengths of 12.5 metres.											
CG-85327			4,200	-	-	-	-	-	Stream anchor shackle for 24mm stud link chain cable	Koyo Chain Mfg. Co., Ltd., Osaka	11-12-1962

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

TOWLINE AND MOORING ROPES

CAST STEEL ANCHOR HEAD DROP TEST

Item	Supplied Length Circ.	Breaking Test Ins. or m/m.	Rule Length Circ.	Ins. or m/m.	Maker's Name	Certificate number	Weight (to include pins, etc.) C Q Lb.	Surveyors' Initials	Date of Test
6 x 12 Towline G.F.S.W.R.	145 2 1/2"	13.48T 145 12480	145 2 1/2"	12480	Tokyo Steel Casting Co., Ltd.	Y-18667	6 - 0 - 2	TN	6-12-1962
Mooring	165 26	6.58T 145 4170	145 26	4170	do.	Y-18668	6 - 0 - 0	TN	6-12-1962
Ropes	165 45	1.45T 145 4170	145 45	4170	Tokyo Steel Casting Co., Ltd.	Y-18696	4 - 1 - 0	TN	6-12-1962

PARTICULARS FOR REGISTER BOOK (feet & inches)

Moulded length (see Key to Register Book) **144'-4 1/4"** Moulded breadth **24'-7 1/4"** Moulded depth **11'-3 13/16"**Number and material of decks **One complete steel deck, second deck, steel, forward & aft of engine room.**Length of Poop **-** R.Q.D. **-** Bridge **-** Fo'cle **-** Trunk **-**Overall length **157'-11"** ✓ Extreme breadth **25'-1 7/8"** Over Shell **24'-8"** Over Fenders **25'-1 7/8"** Rise of floor **16 3/4"** ✓Is ship of O.S.D. Type? **No** Is ship of C.S.D. Type? **No** Is duct keel fitted? **No**Is longitudinal framing fitted? (state where) **No**Is strengthening for navigation in ice fitted? (state class) **No**Is additional strengthening for heavy cargoes fitted? **No**Is the ship (if not a motorship) fitted for the carriage and burning of oil as fuel? **Motorship**Is the ship (if not an oil tanker) fitted for carrying oil as cargo? **No** and if so state where, together with the flash point where required to be inserted in the notation:—Watertight and/or Oiltight Bulkheads (state number required by Rules) **4**Bulkheads in ship extending to Upper deck on frame numbers:— **3, 6, 13, 24, 40, 50, 60, 66, 70** Total = **9** ✓Bulkheads in ship extending to deck below upper deck on frame numbers:— **None** Total = **None**Is E.S.D. fitted? **Yes** Is Radar fitted? **Yes** Is Position Fixing Device fitted? **No**Is D.F. fitted? **No** Is Gyro Compass fitted? **No** Is Submarine Signalling apparatus fitted? **No**

CAPACITIES OF TANKS (35 c.f. per ton) (Capacity Plan to be forwarded)

(O.F. or F.W. ONLY to be inserted against tanks used exclusively for oil fuel or fresh water)

Fr. 6-13 96 Fr. 40-45 Frs. 45-50 Frs. 50-60 Frs. 60-66
Double bottom tanks: ~~Next~~ 9.97 ~~Next~~ 11.4 P&S ~~Next~~ Void ~~Next~~ 13.55 P&S ~~Next~~ Void No. 6 -
(F.W.) only (W.B. or F.W.)
No. 7 - No. 8 - No. 9 - No. 10 - No. 11 - No. 12 -
Fore peak tank Void After peak tank - Midship deep tank -
Deep tank aft - Deep tank fwd. - Topside tanks -
Tanks at sides of tunnel 5.3 P & S (O.F. only) Tanks in way of tunnel At centre 16.24
(O.F.) only Deck tanks -
Side tanks - Wing tanks - Other tanks -

If ship is an oil tanker state the numbers of main cargo tanks used exclusively for water ballast (if any) with capacities:— Not an oil tanker

GENERAL REMARKS

Names and yard numbers of sister or similar ships to be stated below. Numbered list of "Approved" and "As Built" plans to be given below or furnished separately (Port, Report Number, Builders' Name and Yard Number, Name of Ship and title of plan in English to be stated on outside of all plans folded to a maximum size of 11" x 9". List of forging, casting or equivalent fabricated parts, certificates to be given below with Certificate number, Port and Date.)

Sister Ships Messrs. Hitachi Shipbuilding & Engineering Co., Ltd., Yard No. 3961 & 3963, Messrs. Iahikawajima-Harima Heavy Ind. Ltd., Yard No. 844, 845. Messrs. Uraga Dock Co., Ltd., Yard No. 830, 831, 832.

List of "As Built" Drawings Forwarded

1. Midship Section. ✓
2. Profile & Decks. ✓
3. Shell Expansion. ✓
4. Bulkheads. ✓
5. Rudder. ✓
6. Shaft Brackets ✓
7. Bottom Construction (Includes Engine Seating). ✓
8. Scheme of Welding ✓
9. Capacity Plan. ✓
10. General Arrangement . ✓

List of "Approved" Plans forwarded with F.E. Report of Yard No. 39

1. Midship Section.
2. Profile & Decks. See POL 5
3. Shell Expansion.
4. Bulkheads. (See Profile & Deck)
5. Rudder.
6. Shaft Brackets.
7. Bottom Construction (Includes Engine Seating)
8. Scheme of Welding.

List of Forging, Casting, etc. Certificates attached.

<u>Certificate</u>	<u>Number</u>	<u>Port</u>	<u>Date</u>
Shaft Brackets	M-84280 ✓	Kobe	12.12.62
Rudder Mainpiece	M-84283 ✓	Kobe	12.12.62
Rudder Upper & Lower Bearing	M-84284 ✓	Kobe	12.12.62
Rudder Stock	M-83726 ✓	Kobe	19.11.62
Steering Gear	M-8787 ✓	Yokohama	22.12.62
Tiller	Y-18782 ✓	Yokohama	19.12.62
Windlass	M-8989 ✓	Yokohama	25.2.63

SPECIAL FEATURES



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