

Now of writing report 28/2/61.
vey held at Hull.

Received London

No. of visits 6.

Port Hull.

First date 1/4/60

No. 66813.

Last date 20/12/60

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

Dumb

in R.B. - Name ~~XXX~~ Barge "Y.C. 325"

All ers Marine Craft Constructors, Ltd. Managers

Gross tons None. Date of build 1944.

Port of Registry None.

Type

Records of Survey & Special Notations as per Register Book

Hull

Machinery

Yes.

Yes.

of Main Engines - No. of Screws -

of Main Boilers - W.P. -

of ~~XXX~~/Donkey Boilers 1 W.P. 135 lb.

eys Afloat or in Dry Dock Both.

re of Survey Re-classification.

Damage Report issued? No. Int. Cert.? Yes.

Report (For Head Office only)

Condition of any of the following items is to be described as "good" only when the part has been examined, found or placed in good condition, and is considered to be acceptable until the date of the next Periodical Examination. Where it is considered that re-examination or repairs should be effected before the due date of the next Periodical Examination a distinguishing mark thus † should be inserted against the item and the circumstances and action recommended described fully under "defects and repairs". At part or complete Special surveys those items which are not applicable to the ship should be cancelled with a black line; this need not be done when the machinery is on a continuous survey basis. When any part has been subjected to pressure test this should be stated. Engine parts when referred to by numbers should be counted from forward.

CKING Propellers. None.

Wear Down of Stern Bushes

tenings Good.

Has Screwshaft/Tubeshaft been drawn?

Oil Glands

Sea Connections Good.

s Shaft now fitted been previously used?

Date of Examination

Has Shaft been changed?

IN ENGINES (Recip. Steam or I.C.)

Has Shaft now examined/fitted a continuous liner?

Approved oil gland?

s, Covers, Pistons & Rods

PORT

STARBOARD

ves & Gears

necting Rods, (Side
Ends & Guides Centreankpins & (Side
rings Centre

Repairs? nals & Bearings

IN ENGINE DRIVEN AIR COMPRESSORS

s, Covers, Pistons & Rods

ecteding Rods & Top Ends

kpins & Bearings

nals & Bearings

rs & Safety Devices

V ENGINE DRIVEN SCAVENGE PUMPS

Covers, Pistons & Rods

ecteding Rods & Top Ends

kpins & Bearings

nals & Bearings

ENGINE BLOWERS

RCHARGERS

TURBINES

s, Rotors, Blading, Bearings & Thrusts

UST STEAM TURBINES (WITH RECIP. ENGINES)

I COMPRESSORS

HES & HYDRAULIC COUPLINGS

CTION GEARING

ST BLOCKS, SHAFTS & BEARINGS

MEDIATE SHAFTS & BEARINGS

NG DOWN BOLTS & CHOCKS

NSERS (MAIN & AUX.)

RE-HEATERS

PERHEATERS

MANŒUVRING VALVES

ENGINE DRIVEN PUMPS

CASE DOORS & EXPLOSION RELIEF DEVICES

N OF MACHINERY AND RECOMMENDATIONS

Have Main Engines been tested working and manœuvring?

Machinery of this barge as now surveyed is, as built originally, without alterations, good and efficient condition and in my opinion, is eligible to receive consideration re-classification and with record of DBS 12,60, SPS 12,60 when the Hull Classification assigned.

ommittee TUESDAY 25 APR 1961

(MADE AND PRINTED IN ENGLAND.)

Engine Surveyor to Lloyd's Register of Shipping

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Foundation

015284-015291-0084

31 Essential Independent Pumps (Identify by position) All, good.
33 Bilge, Ballast ~~and other pumps~~, Fittings & Controls Good.
34 Have the remaining Piping Arrangements & Fittings in the machinery space been examined as considered necessary?
35 Fresh Water Coolers
36 Lub. Oil Coolers
37 Heaters (state service)
38 Independent Air Compressors, Coolers & Safety Devices Good.
39 Air Receivers & Safety devices Main
40 Auxiliary Good.
41 Oil Fuel Tanks (Not forming part of hull structure)
42 Evaporators
43 Have Evaporator Safety Valves been tested under steam?
44 Steering Machinery
45 Windlass None.
46 Fire Extinguishing Arrangements Good.
Capstans - good.
AUXILIARY ENGINES (Identify by position) All, good.

PROPULSION	PORT	STARBOARD	ELECTRICAL EQUIPMENT	AUXILIARY EQUIPMENT
a Generators				1 Generators & Governors Good.
b Exciters				m INDEX
c Air Coolers				n Switchboards & Fittings Good.
d Motors				o Circuit Breakers Good.
e Air Coolers				p Cables Good.
f Control Gear, Cables, etc.				q Insulation Resistance Good.
g Insulation Resistance				r INDEX
h Insulating Oil Test				s INDEX
i Overspeed Governors				
j Magnetic Couplings				
k Air Gap				

BOILERS OPENED UP & EXAMINED (Identify by position and state latest date of internal examination of each boiler)
MAIN Good 1/4/60 & 1/12/60.

~~INDEX~~
Safety Valves Good.
Mountings, Doors & Fastenings Good.
Safety Valves Adjusted to Sat. 135 lb/sq.inch.
Boiler Securing Arrangements Good.
Main Economisers
Steam Heated Steam Generators
Were Oil Burning System & Remote Controls examined working in accordance with Rules? None.
Funnel Good.

EXAMINATION & TESTING OF STEAM PIPES (State material)
Main
Were Copper Pipes annealed? Auxiliary (over 3 in. bore) Stl. water tested to 270 lb. Good.
Have Saturated Pipes in cylindrical boiler smoke boxes been tested?

PARTICULARS OF DEFECTS & REPAIRS, ETC. (Damage repairs should be detailed separate from wear and tear repairs; state what action has been taken regarding items which are subjects of class)
BOILER:- Two lower rows of smoke tubes including 11 stay tubes found badly wasted at ends in centre and Port smoke boxes. Tubes renewed with tubes of approved material.

BALLAST & BILGE PUMPING TEST:- All compartments in the vessel fitted with bilge suction, where given a bilge pumping test with both bilge pumps. Pumping test satisfactory. Pumping out of ballast tanks after testing was carried out with both pumps satisfactorily.

LEAVE THIS SPACE BLANK

It is submitted that this vessel is eligible for THE RECORD D/S. 12/60. SPS 12/60.

Survey fee See Hull letter 14 Feb 3/3/61

Damage fee
Expenses...

Date when A/c rendered



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Re-classification

DBs. due } and held
SPS. due }
Docking. Repairs.

all auxiliary machinery opened and examined, pumping arrangements tested, electrical installation examined all in accordance with Memo of 30/3/61.

Some boiler tubes renewed.