

13 JAN 1960

Rpt. 9

Date of writing report 14/12/59

Received London

Port SINGAPORE

No. 13687

Survey held at SINGAPORE

No. of years Seven

First date 19/11/59

Last date 13/12/59

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.R. 31898 Name M.V. "SUNETTA"

Gross tons 7965

Date of build 2-1935

Owner N.V. PETROLEUM MIJ "LA CORONA"

Managers SHELL TANKERS. N.V.

Port of Registry THE HAGUE

Engines made 2-1935 By Gebr. Stork & Co.

Type Oil Eng. 4SA 8 Cy.

No. of Main Engines 1 No. of Saws 1

No. of Main Boilers - W.P. -

No. of ~~XXX~~ Donkey Boilers 1 W.P. 180 lb.

Surveyed Afloat or in Dry Dock Both

Nature of Survey Docking, ABS & CS of Engines

Was Damage Report issued? No Int. Cert. Yes

Last Report (For Head Office only)

Records of Survey & Special Notations as per Register Book

Hull	Machinery
+100Al oil tanker.	+LMC CS 10/57
	DBS 10/58
Dkg. 10/58	TSCL 10/57
SS(Dr). 10/57	SPS 10/57
	Mchy Art.

Yes

Now

The 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 due 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.

DOCKING Propellers Good Wear Down of Stern Bushes 7/64" Oil Glands - Sea Connections -
Fastenings Good Has Screwshaft Tubeshaft been drawn? No Date of Examination - Has Shaft been changed? No
Has Shaft now fitted been previously used? - Has Shaft now examined/fitted a continuous liner? - Approved oil gland? -

MAIN ENGINES (KX/XXX/XX I.C.) PORT
1 Cyls., Covers, Pistons & Rods Nos. 1, 2, 6 & 7 - Good.
2 Valves & Gears Nos. 1, 2, 6 & 7 - Good.

3 Connecting Rods, Side No. 7 - Good.
Top Ends & Guides Centre
4 Crankpins & Bearings Side Nos. 6 & 7 - Good.
Centre
5 Journals & Bearings PC-11- Nos. 3 & 4 - Good.

MAIN ENGINE DRIVER AIR COMPRESSORS

1 Cyls., Covers, Pistons & Rods

2 Connecting Rods & Top Ends

3 Crankpins & Bearings

4 Journals & Bearings

5 Coolers & Safety Devices

MAIN ENGINE DRIVEN SCAVENGE PUMPS

1 Cyls., Covers, Pistons & Rods

2 Connecting Rods & Top Ends

3 Crankpins & Bearings

4 Journals & Bearings

5 Levers

6 SCAVENGE BLOWERS

7 SUPERCHARGERS

MAIN TURBINES

10 Casings, Rotors, Blading, Bearings & Thrusts

11 EXHAUST STEAM TURBINES (WITH RECIP. ENGINES) Repairs (wear and tear) to main engine No. 6 liner on maximum wear limited. now replaced by spare liner together with cover, this liner and cover stated to be from the M.V. "MANAN".

12 STEAM COMPRESSORS Before fitting this liner and cover examined. Before fitting this liner and cover examined.

13 CLUTCHES & HYDRAULIC COUPLINGS No. 7 cylinder cover fractured approximately 1/2" diameter and found satisfactory. No. 7 cylinder cover now satisfactorily fitted.

14 REDUCTION GEARING No. 7 top end bearings metal cracked and loose, bearings now replaced.

15 THRUST BLOCKS, SHAFTS & BEARINGS No. 7 top end bearings metal cracked and loose, bearings now replaced.

16 INTERMEDIATE SHAFTS & BEARINGS crosshead pins slightly ridged, crosshead pins now machined.

17 HOLDING DOWN BOLTS & CHOCKS Stand-by Circulating Pump & Machine Pump impeller sealing rings abraded now renewed.

18 CONDENSERS (MAIN & AUX) Stand-by Piston Cooling Water Pump. Piston and bucket rods severely worn, now renewed.

19 STEAM RE-HEATERS now renewed.

20 DE-SUPERHEATERS General Service Pump. Bucket liners severely worn and abraded, now renewed.

21 STOP & MANOEUVRING VALVES renewed.

22 MAIN ENGINE DRIVEN PUMPS Piston Cooling Water - Good.

23 CRANKCASE DOORS & EXPLOSION RELIEF DEVICES Have Main Engines been tested working and manoeuvring?

OPINION OF MACHINERY AND RECOMMENDATIONS The machinery of this vessel so far as now seen is in safe working condition and eligible in my opinion, to remain as Classed with fresh record of ABS 12/59 now and CS (with date) when the survey has been completed.

Date of Committee THURSDAY 4 - FEB 1960

Decision ABS 12/59

CS 40m, 4.57. T. (MADE AND PRINTED IN ENGLAND)

Noted for Header

Engineer Surveyor to Lloyd's Register of Shipping

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003835-003845-0038

If certificate is required state where to be sent

32 Essential Independent Pumps (Identify by position) Stand-by Piston cooling water-Good, Aft Feed-Good, General Service-Good.
Stand-by Circulating - Good. H.V.F. Transfer - Good, Diesel Oil Transfer - Good.

33 Bldg, Ballast & Oil Fuel Suction Lines, Fittings & Controls

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) Butterworth (tested)-Good.

38 Independent Air Compressors, Coolers & Safety Devices

39 Air Receivers & Safety devices—Main

40 Auxiliary

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

46 Fire Extinguishing Arrangements

AUXILIARY ENGINES (Identify by position)

Stand-by Circulating pump Engine-Good.

PROPULSION

PORT

STARBOARD

ELECTRICAL EQUIPMENT

AUXILIARY EQUIPMENT

a Generators

b Exciters

c Air-Coolers

d Motors

e Air-Coolers

f Control Gear, Cables, etc.

g Insulation Resistance

h Insulating Oil Test

i Overspeed Governors

j Magnetic Couplings

k Air Gap

l Generators & Governors

m Motors

n Switchboards & Fittings

o Circuit Breakers

p Cables

q Insulation Resistance

r Steering Gear Generators and Motors

s Navigation Light Indicators

BOILERS OPENED UP & EXAMINED (Identify by position and state latest date of internal examination of each boiler)

MAIN

AUXILIARY: 24-11-59 - Good.

Superheaters

None Fitted.

Safety Valves

Good

Mountings, Doors & Fastenings

Good

Safety Valves Adjusted to { Sat.
Spt.

180 lbs.

Boiler Securing Arrangements

Good.

Main Economisers

Exhaust Gas Heated Economisers

Steam Heated Steam Generators

Steam Generator Safety Valves Adjusted to

Were Oil Burning System & Remote Controls examined working in accordance with Rules?

Yes

Forced Circulating Pumps

Have Saturated Steam Pipes in cylindrical boiler smoke boxes been examined as required by Rules?

None Fitted.

Funnel Good.

EXAMINATION & TESTING OF STEAM PIPES (State material)

Main

Auxiliary (over 3 in. bore)

Were Copper Pipes annealed?

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)

Repairs (Wear and Tear).

Main Engine No.6 Liner on maximum wear limits, now replaced by spare liner together with cover, this liner and cover stated to be from the m.v. "MARISA", one of the Shell Tanker fleet at present laid up in Singapore. Before fitting this liner and head were examined and found satisfactory. No. 7 cylinder cover fractured approximately, 1 1/4 inches in way of exhaust valve pocket, spare cover now satisfactorily fitted.

No. 7 top end bearings metal cracked and loose, bearings now remetalled, crosshead pins slightly ridged, crosshead pins now machined true.

Stand-by Circulating Pump & Engine Pump impeller sealing rings slack, now renewed, Engine piston valve slack now renewed.

Stand-by Piston Cooling water pump. Piston and bucket rods severely worn, rods now renewed.

General Service Pump. Bucket liners severely worn and scored, liners now renewed.

Survey fees CS \$500

ABS \$120

Dutch Gvt.Rpt. \$ 27 (Chris Lumbos)

Damage fee

Expenses... \$ 15

Sunday att. \$ 80

Date when A/c rendered

30/12/59

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