

Rpt. 13.

No. 85505.

## REPORT ON ELECTRICAL EQUIPMENT.

(OTHER THAN FOR THE PROPULSION OF THE VESSEL)

Received at London Office 8-AUG-1956

Date of writing Report 21<sup>st</sup> July 1956 When handed in at Local Office 25.7.1956 Port of Glasgow

No. in Survey held at Glasgow Date, First Survey 14.5.56 Last Survey 4.6.1956 (No. of Visits 2)

Reg. Book.

on the Quaker Wheel "PADAPYAN" Tons Gross 200 Net

Built at Glasgow By whom built Larrow &amp; Co. Ltd. Yard No. 2108 When built 1956

Owners Govt. of Union of Burma. Inland Water Transport Board Port belonging to Rangoon.

Installation fitted by Larrow &amp; Co. Ltd. When fitted

Is vessel equipped for carrying Petroleum in bulk Is vessel equipped with D.F. E.S.D. Gy.C. Sub.Sig. Radar

Plans, have they been submitted and approved Yes System of Distribution two wire Voltage of Lighting 110

Heating Power 110 D.C. or A.C., Lighting D.C. Power DC If A.C. state frequency

Prime Movers, has the governing been found as per Rule when full load is thrown on and off Yes Are turbine emergency governors fitted

with a trip switch Generators, are they compound wound Yes and level compounded under working conditions Yes

Are the generators arranged to run in parallel No Is the compound winding connected to the negative or positive pole negative

Have machines 100 kw. and over been inspected by the Surveyors during manufacture and testing Have certificates of test for machines

under 100 kw. been supplied and the results found as per Rule Position of Generators

In engine room, one 5kw. Port, one 5kw. Starboard

is the ventilation in way of generators satisfactory Yes are they clear of inflammable material and protected from mechanical injury and

damage from water, steam and oil Yes Switchboards, where are main switchboards placed

In engine room, starboard side

are they in accessible positions, free from inflammable gases and acid fumes and protected from mechanical injury and damage from water,

steam and oil Yes what insulation is used for the panels Sindanfo, if of synthetic insulating

material is it an Approved Type Yes, if of semi-insulating material (slate or marble) are all conducting parts insulated therefrom as

per Rule Is the construction as per Rule, including locking of screws and nuts Yes Description of Main Switchgear

for each generator and arrangement of equaliser switches D.P. Switch and Fuses

and the switch and fuse gear (or circuit breakers) for each outgoing circuit

D.P. Change over, Sindan and Fuses

Are compartments containing switchboards composed of fire-resisting material or lined as per Rule Instruments on main switchboard 2

ammeters 2 voltmeters synchronising devices For compound machines in parallel are the ammeters and reverse current

protection devices connected on the pole opposite to the equaliser connection Earth Testing, state means provided

Earth lamps Preference Tripping, state if provided and tested

Switches, Circuit Breakers and Fuses, are they as per Rule Yes are the fuses an Approved Type Yes

make of fuses Corke are all fuses labelled Yes If circuit breakers are provided for the generators, at what

overload do they operate and at what current do the reverse current protective

devices operate Cables, are they insulated and protected as per Rule Yes

if otherwise than as per Rule are they of an Approved Type state maximum fall of pressure between bus bars and any point

under maximum load Under 6000 lbs. Are all paper insulated and varnished cambric insulated cables sealed at the ends

Are all the cable runs in accessible positions not exposed to drip or accumulation of water or oil, high temperatures or risk of mechanical

damage Yes are any cables laid under machines or floorplates No, if so, are they adequately protected State

type of cables (if in conduit this should also be stated) in machinery spaces VIRBLC, galleys VIRBLC

and laundries State how the cables are supported or protected

Cables clipped to steel truss or steelwork in machinery spaces, cables clipped

to steel truss, steel, and woodwork in accommodation spaces, all protected

where necessary

Are all lead sheaths, armoring and conduits effectually bonded and earthed Yes Are all cables passing through decks and watertight

bulkheads provided with deck tubes or watertight glands Yes where unarmoured cables pass through beams, etc., are the holes

effectively bushed Yes Refrigerated chambers, are the cables and fittings as per Rule

Have refrigeration fan motors been constructed under survey and test certificates supplied

Are the motors accessible for maintenance at all times



Yes

### Emergency Supply, state position

Yes

Lee

Are the switches and fuses in  
tive supply provided. *Yes*

ed and

....., state battery capacity in  
al Convention.....

*If s*

where lamps are fitted.....

Behold.

*r port*

ment type. Filament

as pe

....., are heaters in the

not acc

oil .....

00 ВП

structure and testing

HP in

found as per Rule.....

fitted

[illegible]

ess tha

es for such ships been complied

th the

ad covered as per Rule. —

---

.....

have sp

uations.....

*all ci*

yes

## PARTICULARS OF GENERATING PLANT.

DESCRIPTION OF GENERATOR.	No. of	MAKER.	RATED AT				PRIME MOVER.	
			Kw. per Generator.	Volts.	Ampères.	Revs. per Min.	TYPE.	MAKER.
MAIN ... ..	2	Brush Electrical Engineering Co. Ld.	5	110	45	1500.	D.C.	Peterson. Ltd.
EMERGENCY ...								
ROTARY								
TRANSFORMER								

### GENERATOR CABLES.

[illegible]

MAIN DISTRIBUTION CABLES (to Auxiliary Switchboards, etc.).

[illegible]

DISTRIBUTION CABLES (to Section-Boards and Distribution-Fuse-Boards, etc.).

DESCRIPTION.	CONDUCTORS.		MAXIMUM CURRENT IN AMPERES.		APPROX. LENGTH (lead plus return feet).	INSULATION.	PROTECTIVE COVERING.
	No. in Parallel per Fole.	Sectional Area or No. and Dia. of Strands. Sq. ins. or sq. mm.	In the Circuit.	Rule.			
Lighting Upper Deck	1	7.044	28	✓ 31.	17.	Rubber	6 C.
" Main Deck.	1	7.044	17	✓ 31.	19.	"	"
" Engine Room.	1	7.044	12	✓ 31.	24.	"	"
Navigation	1	7.036	1.45	✓ 10.	138	"	"
Searchlight	1	7.044.	14	31	140	"	"

MOTOR CABLES.

[illegible]

NOTE.—Use Rpt. 13 Continuation Sheet if the above space is insufficient.



The Electrical Equipment is installed in accordance with the approved plans and the requirements of the Rules.

All Insulated Conductors are guaranteed to have been tested at the maker's works as specified in the Rules.

The foregoing is a correct description.

*M. L. Stull*

JARROW & CO. LTD.  
GLASGOW, W. 4

Electrical Contractors.

Date 25<sup>th</sup> July 1936.

#### COMPASSES.

Have the compasses been adjusted under working conditions.

*no compass fitted*

Builder's Signature.

Date

Have the foregoing descriptions and schedules been verified and found correct.

Is this installation a duplicate of a previous case.

If so, state name of vessel.

*PAADAMYA Jarrow Port 2107*

Plans. Are approved plans forwarded herewith.

If not, state date of approval.

*26-10-35*

Certificates. Are certificates of test for motors engaged on essential sea services and generators forwarded herewith.

General Remarks. (State quality of workmanship and materials, opinions as to class, etc.)

*The electrical equipmt of the vessel has been fitted on board under special survey and in accordance with the approved plans. Tested under working conditions and found satisfactory. The materials and workmanship are good.*

Total Capacity of Generators 10 Kilowatts.

The amount of Fee ... £ 10 :

*Specification £5-0-0*

When applied for,

22 JUN 1936

When received,

19

Travelling Expenses (if any) £ 2/-

*S. G. Pindley*

Surveyor to Lloyd's Register of Shipping.

Committee's Minute

GLASGOW

7 AUG 1936

SEE ACCOMPANYING MACHINERY REPORT

Assigned



© 2021

Lloyd's Register  
Foundation

*gmm  
25/7/36*

*X  
16/8/36  
AK*

*and*