

App. 13

125 NOV 1942

13534.

23rd Oct. 42

23rd Oct. 42

Gothenburg

Gothenburg

17th Jan

Last Survey

22nd Oct. 1942

(Number of Ticks) 21

BUENOS AIRES

Gross 11106

Net 6702

A/B Götaverken

Yard No. 555

When built 1942

Buenos Aires

A/B Götaverken

Contract No. 555

When fitted 1942

yes Is vessel equipped with D. F. yes A. S. D. no Gy. C. no Sub. Sig. no

yes System of Distribution two wire Voltage of supply for Lighting 110 V.

220 Direct or Alternating Current Lighting direct direct Alternating Current state frequency Prime Movers.

yes Are turbine emergency governors fitted with a

yes are they load-compounded under working conditions yes

yes and from switchboard Where more than one generator is fitted are they

yes Is the compound winding connected to the negative or positive pole

positive

yes Have certificates of

yes and the results would be per Rule yes Are the lubricating arrangements and the construction

yes Position of Generator Engine room floor, 2 on port side, 1 on starboard side

yes are they clear of inflammable material yes

yes are the generators protected from mechanical

yes and the prime movers and generators in machinery

yes on a platform in the engine room

yes are they protected from mechanical injury and damage from water

yes are they protected from mechanical injury and damage from water

steel insulated with mica

yes Is the frame electrically earthed yes

yes Is the frame electrically earthed yes

yes Is the frame electrically earthed yes

yes Is the frame electrically earthed yes

yes Is the frame electrically earthed yes

yes Is the frame electrically earthed yes

A double pole switch and a fuse on each pole

yes 6

4

yes

Ohmmeter



switches, circuit breakers and fuses, are they as per Rule... yes... yes diazed

are the exposed current parts of the conductors... yes

under working conditions... yes

Cables, are they insulated and protected... 2 v+ 3% for lighting  
2 v+ 3% for power

are they adequately protected... yes

ends... with insulating compound... yes

are they adequately protected... yes

are they adequately protected... yes

State how the cables are supported and protected... supported by metal clips.

All power cables lead covered and armoured.

Are all lead sheaths, armouring and conduits effectively bonded and earthed... yes

Are all cables passing through decks and watertight bulkheads provided with deck tubes or watertight glands... yes

beams, etc., are the holes effectively bushed... yes... and with what material... lead

the groups of lights in the engine and boiler rooms arranged as per Rule... yes

and method of control... Navigation Lamps, are they separately wired... yes

double pole switches... yes... and fuses... yes

automatic indicator fitted... yes

Secondary Batteries are they constructed and fitted as per Rule... yes

Fittings, are all fittings on weather decks, in storerooms and engine rooms and wherever exposed to a ship or condensed moisture, weather proof... yes

installed where readily combustible materials or inflammable or explosive dust or gases are likely to be present... yes

Lamps contained in gastight fittings, cable in gastight tubing,

and where are the controlling switches fitted... outside the respective spaces

are all fittings and accessories constructed and installed as per Rule... yes

are their fittings as per Rule... yes

are the frames effectively earthed... yes

installed as per Rule... yes

steam and oil... yes

Have motors of 100 BHP and over been inspected by the Surveyors during manufacture and testing... yes

100 BHP intended for essential services been supplied and the results found as per Rule... yes

fitted as per Rule... yes

less than 150 V... yes

are they of an approved type... yes

yes

yes

PARTICULARS OF GENERATING MACHINERY

NO. OF UNITS	HP	KW	VOLTS	AMPS	TYPE	FUEL
2	110	220	500	450	Diesel engine	Diesel oil. Above 150° F.
1	85	220	386	450	Steam engine	
1	20	110	182	1500		

110	3	120	500	525	26-72	Rubber	Lead covered and armoured
85	2	150	386	407	18	"	"
	2	150		407	18	"	"

24	1	70	122	123	12	"	"
20	1	150	182	203.5	12	"	"

Galley board	1	70	116	123	64	Rubber	Lead covered and armoured
Separator	1	35	73	75	40	"	"
Ventilating fans	1	2.5	12	15.7	40	"	"

LIGHTING AND HEATING, ETC., CABLES.

WIRELESS	1	10	5	38.1	224	Rubber	Lead covered and armoured
NAVIGATION LIGHTS	1	4	2	22.2	220	"	"
ENGINE ROOM	1	10	35	38.1	24	"	"
Accommodation, after port	1	6	25	29.4	34	"	"
" " starboard	1	6	23	29.4	64	"	"
" " midships	1	95	100	150.0	200	"	"
Forward	1	10	5	38.1	280	"	"

MOTOR CABLES.

Main cooling pumps	2	60	2	70	220	246	32-40	Rubber	Lead covered and armoured
Main lub. oil pumps	2	55	1	150	200	203.5	40-38	"	"
Aux. engine cooling pump	1	4	1	4	16.5	22.2	36	"	"
Transfer pump	1	15	1	25	58	62.5	82	"	"
Bilge and san. pump	1	12	1	16	47	48.1	74	"	"
Ballast pump	1	12	1	16	47	48.1	64	"	"
Turning gear	1	10	1	10	40	38.1	76	"	"
Steering gear	1	20	1	50	80	99.2	124	"	"
Mach. air compressor	1	40	1	95	153	150	84	"	"
P.O. pump	1	3	1	2.5	12	15.7	64	"	"
S.O. pump	1	3	1	2.5	12	15.7	48	"	"
Purifiers	2	3.5	1	2.5	14.2	15.7	14-14	"	"
"	1	6	1	6	23.6	29.4	12	"	"
Ventilating fans	2	1.4	1	1.5	6	9.3	84-38	"	"
Separator pump	1	3	1	2.5	12	15.7	16	"	"
Refrigerator	1	10	1	10	39	38.1	40	"	"
Cooling pump for ref. oil	1	2	1	1.5	8	9.3	32	"	"
Workshop motor	1	3	1	2.5	12	15.7	24	"	"



Abhirolajal Sathuram  
(Sgd.) Allan Bongshorn.

Oct, 28<sup>th</sup> 1942.

about 13 meters

11 "

5

15

15

2

7

7

yes

yes

0

every

0

every

Oct. 28th, 1942.

Is this installation a duplicate of a previous case? no

If so, date name of vessel

General Remarks: (with notes of workmanship, whether insulation tests etc. have been made up to date)

This electrical installation has been fitted under special survey in accordance with the Rules and approved plan. The workmanship and materials are good.

The generator over 100 kw. have been inspected by the surveyor during construction and testing and for motor certificates of test for generators under 100 kw. and electric motors have been supplied and are attached.

The "installation" has been megger tested, examined under full power conditions and found satisfactory.

Noted  
L.F.  
2/12/42.

305

400 1/2 kw. 7.25 80  
Skim. 1/2 kw. 18.45  
6. 28 00  
(Skim. 1/2)

W.B. Liggins

FRI. 4 DEC 1942

See Log. J.C. 13534



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Foundation