

T.S.S. "CONDE DE CHURRUC"Messrs. Sir W.G. Armstrong, Whitworth & Co. Ltd's 984 ShipPosition of Switchboards & Distribution Boxes etc.

1 - 220 Volt Switchboard, supplied by 2 main Generators, fitted on Dynamo Flat, middle line, having 9 ways supplying:-

1. Motor Generator	19 H.P. taking 74.2 Amps
2. General Service Pump	9 " " 35.9 "
3. Steering Motor	12 " " 47.0 "
4. Compressor Motor	45 " " 138.0 "
5. Ballast Pump	30 " " 115.0 "
6. Bilge Pump	9 " " 35.9 "
7. Fuel Pump	4 " " 16.9 "
8. Fuel Pump	4 " " 16.9 "
9. Compressor Motor	45 " " 138.0 "

110 Volt Switchboard, supplied by 2 Auxiliary Generators, fitted on Dynamo Flat, Starboard side, having 7 ways, supplying:-

1. Wireless
2. Accommodation Aft.
3. " Ford.
4. Navigation
5. Pump room
6. Engine, Boiler and Dynamo Rooms.
7. Workshop Motor

2 way Section Box on Dynamo Flat starbd. supplying:-

- 1 - 8 way Distribution Box on Dynamo Flat for lights in Eng. Room etc.
- 1 - 8 " " " " " "

2 way Section Box on Dynamo Flat starbd. supplying:-

- 1 - 8 way Distribution Box in Passage outside Engineers' Mess
- 1 - 8 " " " " Starbd. Passage outside Engine Casing.

3 way Section Box in Stbd. Passage Bridge Deck, supplying:-

- 1 - 8 way Distribution Box in stbd. Passage Bridge Deck
- 1 - 8 way Distribution Box in Passage Forward Accommodation
- 1 - 20 amp. D.P. Switch for Arc Lamp in " "



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65% dia. hole at top of receivers. (Inspection)



- 1 - 8 way Distribution Box in Wheel House for Navigation lights  
 1 - 8 " " " On Pump Room Entrance aft side.

Description of Cables:- (continued from Report sheet)

10 volt Branch Cables carrying 15.3 amps 7 wires, 20 S.W.G.								.007 sq.in.
" " " " "	12.45	"	7	"	16	"		.0225 "
" " " " "	2.5	"	7	"	22	"		.0042 "
" " " " "	31.2	"	7	"	17	"		.017 "
" " " " "	9.7	"	7	"	22	"		.0042 "
" " " " "	7.5	"	7	"	22	"		.0042 "
" " " " "	10.5	"	7	"	22	"		.0042 "
" " " " "	4.8	"	7	"	22	"		.0042 "
" " " " "	11.2	"	7	"	22	"		.0042 "
" " " " "	15.0	"	7	"	17	"		.017 "
" " " " "	3.8	"	7	"	18	"		.0125 "

10 volt Main Cables carrying 617.8 amps. 127 wires .103 S.W.G. 1.0 sq.in.

" " " " "	318.0	"	61	"	.093	"	.4	"
" " " " "	318.0	"	61	"	.093	"	.4	"
Compressor " " "	138.0	"	37	"	.064	"	.12	"
" " " " "	138.0	"	37	"	.064	"	.12	"
Gen.Serv.Pump " " "	35.9	" V	7	"	.044	"	.01	"
Ballast " " "	115.0	"	19	"	.064	"	.06	"
Bilge " " "	35.9	"	7	"	.044	"	.01	"
Fuel " " "	16.9	"	7	"	.044	"	.01	"
" " " " "	16.9	"	7	"	.044	"	.01	"
Motor Genr. " " "	74.2	"	19	"	.052	"	.04	"
Steering Motor " " "	47.0	"	7	"	.064	"	.0225	"



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