

T.S.S. "AVELONA STAR" - LIST OF MAIN CABLES

Description.	No. of Conductors	Effective area of conductor sq. in.	Composition of strand No.	Dia.	Total Max. Current Amps.	Approx length lead & return feet.	Insulated with	How Protected
							Var. Cambric Rubber	L.C. & B
Machinery Switchboard .....	4	.196	37	.083	400	100		"
ing Section Board "A" .....	2	.06	19	.064	45	100		"
Section Board "C" .....	2	.06	19	.064	60	100		"
ighting Aft "B" .....	2	.007	7	.036	10	460		"
tion .....	2	.007	7	.036	5	250		"
ess .....	2	.010	7	.044	-	330		"
g & Thermotank Motors .....	2	.010	7	.044	-	330		"
ING SECTION BOARD TO -								
ers Accommodation Dis. Board "Aa"	2	.007	7	.036	18	260		"
Accommodation Dis. Boards "Ab"&"Ac"	2	.007	7	.036	26	160		"
" " " "Ad" & "Ae"								
(Local)	2	.007	7	.036	10	-		"
er Deck " " " "Af" ...	2	.007	7	.036	5	170		"
SECTION BOARD TO -								
Cargo Dis. Board "Ca" .....	2	.039	19	.052	15	460		"
" " " "Cb" .....	2	.010	7	.044	10	160		"
" " " "Cc" Local .....	2	.010	7	.044	10	-		"
" " " "Cd" .....	2	.028	19	.044	15	240		"
REFRIG MACHINERY SWITCHBOARD TO -								
Vertical Brine Pump Motor 14 BHP	2	.006	19	.064	56	80		"
" " " " 14 "	2	.006	19	.064	56	80		"
" " " " 14 "	2	.039	19	.052	60	340	Semaphite	T.R.S.&B
Ford. for three "Aeroto" Fans .....	2	.007	7	.036	22	200		"
Aeroto Fan Bridge Tween Deck - Mid	2	.007	7	.036	18	80		"
" " " " " - Aft	2	.007	7	.036	22	40		"
" " " " " - Mid	2	.007	7	.036	22	40		"
27 1/2" Aeroto Fans Shelter Tween								
Decks - Aft .....	2	.01	7	.044	18	200		"
Drying Fan Motor No.5 Hatch -								
Shelter Deck .....	2	.014	7	.052	36	230		"
" " " Upper Deck .....	2	.014	7	.052	36	250		"
" " " Lower Deck .....	2	.014	7	.052	36	270		"
REFRIG MACHINERY SWITCHBOARD TO								
BHP Drying Fan - Ford Fan Motor ..	2	.014	7	.052	26	540	Rubber	L.C.B.
in Fan Room Aft for 2 - 6.5 BHP								
motors & 5 - 10" fan motors .5 BHP	2	.039	19	.052	62	200	Semaphite	T.R.S.&B

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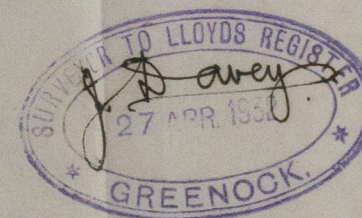


Description	No. of Conductors.	Effective area of conductor sq. in.	Composition of strand No. Dia.	Total Max. Current Amps.	Approx. length lead & return feet.	Insulated with	How Protected.
Aft Fan Room to -							
2 BHP Drying Fan Motor (local)	2	.014	7 .052	26	-	Rubber	L.C. & B.
1 Fan Room Aft - Upper Deck	2	.014	7 .052	36	140	"	"
10M AFT - UPPER DECK to							
2 Drying Fan Motor (Local)	2	.014	7 .052	26	-	"	"
1 experimental Fan Motor							
1/2 BHP. each) ....	2	.002	3 .029	2	20 (average)	"	"

NOTE :- B.H.P. of "Aeroto" Fan Motors :-  
 27 1/2 Dia. Fan - 4.5 B.H.P.  
 30" " " - 5.5 "

CABLE SYMBOLS :-

L.C. & B. - Lead covered and braided.  
 T.R.S. & B. - Tough rubber sheathed and braided.



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