LIST OF A.C. MOTORS AND CONTROLLERS

LINE NUMBER	AUXILIARY	MOTOR									CONTROLLER				MASTER SWITCH			REMARKS	APPLICABLE SPECIFICATION	LINE NUMBER
	NAME	NO PER SHIP	HP FULL LOAD	SPEED	VOLTS	NO OF PHASES	DESIGN	DUTY	AMB TEMP °C	ENCLOSURE	SPECIAL FUNCTION (IN ADDITION TO STARTING)	PERFORMANCE	VOLTAGE PROT	ENCLOSURE	TYPE	LOCATION	ENCLOSURE			
	A	B	C	D	E	F	G	H	I	J	L	M	N	O	P	Q	R	S	T	
1	DECK MACHINERY																			1
2	MISSILE, & BOAT CRANE																			2
3	MAIN HOIST	2	75.0	CONSTANT	440	3	B	CONTINUOUS	40	WT	REVERSING	MAGNETIC	LVP		DR,LS	LOCAL-REMOTE	WT	EMERGENCY RUN	9200-3	3
4	AUX. HOIST	2																		4
5	TOPPING	2	50.0	CONSTANT	440	3	B	CONTINUOUS	40	WT	REVERSING	MAGNETIC	LVP		DR,LS	LOCAL-REMOTE	WT	EMERGENCY RUN	9200-3	5
6	ROTATING	4	75.0	CONSTANT	440	3	B	CONTINUOUS	40	WT	REVERSING	MAGNETIC	LVP		DR,LS	LOCAL-REMOTE	WT	EMERGENCY RUN	9200-3	6
7	CARGO AND SAIL CRANE																			7
8	HOISTING	4	40.0	CONSTANT	440	3	B	INTERMITTENT	40	WT	REVERSING	MAGNETIC	LVP		SS,LS	LOCAL	WT	EMERGENCY RUN	9200-3	8
9	ROTATING	4	20.0	CONSTANT	440	3	B	INTERMITTENT	40	WT	REVERSING	MAGNETIC	LVP		B,LS	LOCAL	WT	EMERGENCY RUN	9200-3	9
10	TRAVEL	4	3.0	CONSTANT	440	3	B	INTERMITTENT	40	WT	REVERSING	MAGNETIC	LVP		LB,LS	LOCAL	WT	EMERGENCY RUN	9200-3	10
11	TOPPING	4	10.0	CONSTANT	440	3	B	INTERMITTENT	40	WT	REVERSING	MAGNETIC	LVP		PB,LS	LOCAL	WT	EMERGENCY RUN	9200-3	11
12	CARGO ELEVATOR (NO. 1 & 2)	2	50.0	TWO SPEED	440	3	D	INTERMITTENT, 1, 2 HR.	40	WT	REVERSING	MAGNETIC	LVP		PB,LS,SS,LS	LOCAL-REMOTE	WT	EMERGENCY RUN AND SAFETY INTERLOCK	9200-3	12
13	TRAY CONVEYOR	4	5.0	CONSTANT	440	3	D	CONTINUOUS	40	WT	REVERSING	MAGNETIC	LVP		PB	LOCAL-REMOTE	WT	EMERGENCY RUN	9200-3	13
14	FORK LIFT TRUCK ELEVATOR	1	50.0	CONSTANT	440	3	D	SHORT TIME, 15 MIN.	40	DPP	REVERSING	MAGNETIC	LVP		PB	LOCAL-REMOTE	WT	EMERGENCY RUN	9200-3	14
15	BOAT WINCHES	2	15.0	CONSTANT	440	3	D	SHORT TIME, 15 MIN.	40	WT	REVERSING	MAGNETIC	LVR		DR	REMOTE	WT	EMER. RUN, LIMIT SWITCHES & INTERLOCK SWITCHES	9820-1	15
16	AMMUNITION HOIST	1	15.0	CONSTANT	440	3	D	VARYING-1/2 HR.	40	ST	REVERSING	MAGNETIC	LVP	A	PB,LS,IS	LOCAL		EMERGENCY RUN	9780-2	16
17	ANCHOR WINDLASS	2	200.0	CONSTANT	440	3	B	VARYING - 1 HOUR	40	DPP		MAGNETIC	LVP		PB	LOCAL-REMOTE		EMERGENCY RUN	9260-1	17
18	ANCHOR WINDLASS	1	100.0	CONSTANT	440	3	B	VARYING - 1 HOUR	40	DPP		MAGNETIC	LVP		PB	LOCAL-REMOTE		EMERGENCY RUN	9260-1	18
19	LINE HANDLING CAPSTAN	2	40.0	TWO-SPEED	440	3	C	VARYING-1/2 HOUR	40	DPP	REVERSING & SPEED SELECTION	MAGNETIC	LVR		PB,DR	REMOTE	WT	SPRING RETURN TO OFF & EMERGENCY RUN	9260-1	19
20	CONVEYOR, 85.0 POUNDS (NO. 2 & 3)	2	5.0	CONSTANT	440	3	D	CONTINUOUS	40	DPP	REVERSING	MAGNETIC	LVP		PB	LOCAL-REMOTE		EMERGENCY RUN	9200-3	20
21	CONVEYOR, 85.0 POUNDS		2.0	CONSTANT	440	3	D	CONTINUOUS	40	DPP	REVERSING	MAGNETIC	LVP		PB	LOCAL-REMOTE		EMERGENCY RUN	9200-3	21
22	CONVEYOR, 85.0 POUNDS (NO. 8)	1	3.0	CONSTANT	440	3	D	CONTINUOUS	40	DPP	REVERSING	MAGNETIC	LVP		PB	LOCAL-REMOTE		EMERGENCY RUN	9200-3	22
23	CONVEYOR, 175.0 POUNDS (NO. 1)	1	7.5	CONSTANT	440	3	D	CONTINUOUS	40	DPP	REVERSING	MAGNETIC	LVP		PB	LOCAL-REMOTE		EMERGENCY RUN	9200-3	23
24	CONVEYOR, 175.0 POUNDS (NO. 4,5,6,7 & 9)	5	5.0	CONSTANT	440	3	D	CONTINUOUS	40	DPP	REVERSING	MAGNETIC	LVP		PB	LOCAL-REMOTE		EMERGENCY RUN	9200-3	24
25	CONVEYOR, 175.0 POUNDS		3.0	CONSTANT	440	3	D	CONTINUOUS	40	DPP	REVERSING	MAGNETIC	LVP		PB	LOCAL-REMOTE		EMERGENCY RUN	9200-3	25
26	ACCOMMODATION LADDER	4	3.0	CONSTANT	440	3	D	SHORT TIME, 15 MIN.	40	WT	REVERSING	MAGNETIC	LVP		PB	REMOTE	WT	EMERGENCY RUN		26
27																				27
28																				28
29	PORT SERVICE BOOM	4	3.0	CONSTANT	440	3														29
30	OUTRIGGER HOIST	8	5.0	CONSTANT	440	3		INTERMITTENT	40	WT	REVERSING	MAGNETIC	LVP		PB	LOCAL	WT	EMERGENCY RUN	9200-3	30
31	TORPEDO ELEVATOR	2	75.0	TWO-SPEED	440	3	D	INTERMITTENT	40	DPP	REVERSING	MAGNETIC	LVP		PB	LOCAL-REMOTE	WT	EMERGENCY RUN & SAFETY INTERLOCK	9750-1	31
32	FBM COMPONENT ELEVATOR	1	15.0	TWO-SPEED	440	3	D	INTERMITTENT	40	DPP	REVERSING	MAGNETIC	LVP	A	PB,IS,LS	LOCAL-REMOTE	DP	EMERGENCY RUN & SAFETY INTERLOCK	9780-6	32
33																				33
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39	VENTILATION FAN										AS REQUIRED								9380-1	39
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NOTES:-

1. THIS LIST IS NOT TO BE CONSTRUED AS RESTRICTIVE OR AS EXCLUDING CHANGES IN NUMBER OF UNITS OR MOTOR AND CONTROLLER CHARACTERISTICS DUE TO DEVELOPMENT.
2. ALL MOTORS SHALL BE EITHER NATURAL OR SELF-VENTILATED UNLESS OTHERWISE SPECIFIED.

ABBREVIATIONS

DP	DRIPPROOF
EP	EXPLOSIONPROOF
FS	FLOAT SWITCH
HP	HIGH PRESSURE SWITCH
LP	LOW PRESSURE SWITCH
PS	PRESSURE SWITCH
	SPLASHPROOF
	SPRAYTIGHT
	TOTALLY ENCLOSED
	TEMPERATURE SWITCH
	WATER FAILURE SWITCH
	WATERTIGHT
	PUSHBUTTON
	HERMETIC
P	DRIPPROOF PROTECTED
	LIMIT SWITCH
	SUBMERSIBLE
	SELECTOR SWITCH
	PRESSURE PROOF
	INTERLOCK SWITCH

DEPARTMENT OF THE NAVY

BUREAU OF SHIPS

WASHINGTON, D.C.

SUBMARINE TENDER AS 34

LIST OF MOTORS AND CONTROLLERS

ELECTRICAL CONTRACT GUIDANCE PLAN

EXAMINED

DIRECTOR-SHIP DESIGN DIVISION
HEAD-ELEV & CONVEY SECTION
DIRECTOR TECHNICAL DIVISION
PROJECT COORDINATOR
SECTION HEAD ELECTRICAL
APPROVED UNIT HEAD
REVIEWED NAVY ENGINEER
PRIN. ASSISTANT ENGINEER

APPROVED

FOR CHIEF OF BUREAU

DATE 5/1/62

BUREAU	SHIPS NUMBER	REV
AS 34	800 1564688	

SHEET 1 OF 5