



LIST OF EQUIPMENT				POWER TABLE		HEAT DISSIPATION			
NO	QTY	DESCRIPTION	TYPE	REF DWG	VOL-TAGE FREQ	PHASE	POWER WATTAGE	AIR	WATER
1	1	VLF RECEIVER	AN/URA 27	RE 46 2125B	115	60	1	30	30
2	1	VHF RECEIVER	AN/URA 3	RE 46 2125B	115	60	1	120	120
3	1	VLF/VHF RECEIVER	AN/URA 3	RE 46 2125B	115	60	1	75	75
4	2	HF RECEIVER	R 39A/UR	RE 46 2125B	115	60	1	20	20
5	2	MF/HF RECEIVER	AN/URA 44	RE 46 2125B	115	60	1	80	80
6	1	POWER SUPPLY	PP 349A/U	RE 10 2199	115	60	1	20	20
7	1	POWER SUPPLY	PP 1767/UG	RE 10 2199	115	60	1	20	20
8	1	MF/HF RECEIVERS	R 1051/URR	RE 46 2125B	115	60	1	60	60
9	4	SECURITY EQUIP	T 92 L	RE 46 2125B	115	60	1	20	20
10	1	VHF XMT	AN/URT-7	RE 52 2003	115	60	1	100	100
11	1	LF MF XTR	TAB 7	RE 52 2003	115	60	1	100	100
12	4	MF/HF XMT	AN/WRT-2	RE 52 2004	115	60	3	75.0	50.0
13	1	MF/HF TRANSCV	AN/WRC-1	RE 46 2125B	115	60	1	250	90
14	2	HF TRANSCV	AN/SRC 20	RE 43 3033	115/230	60	1	130.0	130.0
15	1	HF TRANSCV	AN/SRC 21	RE 43 3033	115/230	60	1	130.0	130.0
16	4	CONV COMP	AN/URA 17	RE 52 2003	115	60	1	135	135
17	3	SECURITY EQUIP	TSEC/KWR 37	RE 47 2048	115	60	1	200	200
18	1	SECURITY EQUIP	TSEC/KWR 37	RE 47 2048	115	60	1	17	17
19	1	SECURITY EQUIP	TSEC/KWR 37	RE 47 2048	115	60	1	17	17
20	1	TELETYPE PANEL	SB 1203/UG	RE 52 2003	115	60	1	117	117
21	1	TELETYPE PANEL	SB 1203/UG	RE 52 2003	115	60	1	65	65
22	1	TELETYPE WRITER	TT 177/UG	RE 52 2003	115	60	1	117	117
23	1	TELETYPE WRITER	TT 177/UG	RE 52 2003	115	60	1	65	65
24	1	TELETYPE WRITER	TT 177/UG	RE 52 2003	115	60	1	117	117
25	1	TELETYPE WRITER	TT 177/UG	RE 52 2003	115	60	1	117	117
26	1	TELETYPE WRITER	TT 177/UG	RE 52 2003	115	60	1	117	117
27	1	TELETYPE WRITER	TT 177/UG	RE 52 2003	115	60	1	117	117
28	1	TELETYPE WRITER	TT 177/UG	RE 52 2003	115	60	1	117	117
29	1	TELETYPE WRITER	TT 177/UG	RE 52 2003	115	60	1	117	117
30	1	TELETYPE WRITER	TT 177/UG	RE 52 2003	115	60	1	117	117
31	1	TELETYPE WRITER	TT 177/UG	RE 52 2003	115	60	1	117	117
32	1	TELETYPE WRITER	TT 177/UG	RE 52 2003	115	60	1	117	117
33	1	TELETYPE WRITER	TT 177/UG	RE 52 2003	115	60	1	117	117
34	1	TELETYPE WRITER	TT 177/UG	RE 52 2003	115	60	1	117	117
35	1	TELETYPE WRITER	TT 177/UG	RE 52 2003	115	60	1	117	117
36	1	TELETYPE WRITER	TT 177/UG	RE 52 2003	115	60	1	117	117
37	1	TELETYPE WRITER	TT 177/UG	RE 52 2003	115	60	1	117	117
38	1	TELETYPE WRITER	TT 177/UG	RE 52 2003	115	60	1	117	117
39	1	TELETYPE WRITER	TT 177/UG	RE 52 2003	115	60	1	117	117
40	1	TELETYPE WRITER	TT 177/UG	RE 52 2003	115	60	1	117	117
41	1	TELETYPE WRITER	TT 177/UG	RE 52 2003	115	60	1	117	117
42	1	TELETYPE WRITER	TT 177/UG	RE 52 2003	115	60	1	117	117
43	1	TELETYPE WRITER	TT 177/UG	RE 52 2003	115	60	1	117	117
44	1	TELETYPE WRITER	TT 177/UG	RE 52 2003	115	60	1	117	117
45	1	TELETYPE WRITER	TT 177/UG	RE 52 2003	115	60	1	117	117
46	1	TELETYPE WRITER	TT 177/UG	RE 52 2003	115	60	1	117	117
47	1	TELETYPE WRITER	TT 177/UG	RE 52 2003	115	60	1	117	117
48	1	TELETYPE WRITER	TT 177/UG	RE 52 2003	115	60	1	117	117
49	1	TELETYPE WRITER	TT 177/UG	RE 52 2003	115	60	1	117	117
50	1	TELETYPE WRITER	TT 177/UG	RE 52 2003	115	60	1	117	117
51	1	TELETYPE WRITER	TT 177/UG	RE 52 2003	115	60	1	117	117
52	1	TELETYPE WRITER	TT 177/UG	RE 52 2003	115	60	1	117	117
53	1	TELETYPE WRITER	TT 177/UG	RE 52 2003	115	60	1	117	117
54	1	TELETYPE WRITER	TT 177/UG	RE 52 2003	115	60	1	117	117
55	1	TELETYPE WRITER	TT 177/UG	RE 52 2003	115	60	1	117	117
56	1	TELETYPE WRITER	TT 177/UG	RE 52 2003	115	60	1	117	117
57	1	TELETYPE WRITER	TT 177/UG	RE 52 2003	115	60	1	117	117
58	1	TELETYPE WRITER	TT 177/UG	RE 52 2003	115	60	1	117	117
59	1	TELETYPE WRITER	TT 177/UG	RE 52 2003	115	60	1	117	117
60	1	TELETYPE WRITER	TT 177/UG	RE 52 2003	115	60	1	117	117
61	1	TELETYPE WRITER	TT 177/UG	RE 52 2003	115	60	1	117	117
62	1	TELETYPE WRITER	TT 177/UG	RE 52 2003	115	60	1	117	117
63	1	TELETYPE WRITER	TT 177/UG	RE 52 2003	115	60	1	117	117
64	1	TELETYPE WRITER	TT 177/UG	RE 52 2003	115	60	1	117	117
65	1	TELETYPE WRITER	TT 177/UG	RE 52 2003	115	60	1	117	117
66	1	TELETYPE WRITER	TT 177/UG	RE 52 2003	115	60	1	117	117
67	1	TELETYPE WRITER	TT 177/UG	RE 52 2003	115	60	1	117	117
68	1	TELETYPE WRITER	TT 177/UG	RE 52 2003	115	60	1	117	117
69	1	TELETYPE WRITER	TT 177/UG	RE 52 2003	115	60	1	117	117
70	1	TELETYPE WRITER	TT 177/UG	RE 52 2003	115	60	1	117	117
71	1	TELETYPE WRITER	TT 177/UG	RE 52 2003	115	60	1	117	117
72	1	TELETYPE WRITER	TT 177/UG	RE 52 2003	115	60	1	117	117
73	1	TELETYPE WRITER	TT 177/UG	RE 52 2003	115	60	1	117	117
74	1	TELETYPE WRITER	TT 177/UG	RE 52 2003	115	60	1	117	117
75	1	TELETYPE WRITER	TT 177/UG	RE 52 2003	115	60	1	117	117

- NOTES
- THIS PLAN IS FOR INFORMATION AND GUIDANCE IN THE PREPARATION OF DETAILED INSTALLATION PLANS
 - ALL STATIONS AND POSITIONS ARE DESIGNATED BY LETTERS AND NUMBERS AS GIVEN IN THE KEY TO POSITIONS AND STATIONS. EXAMPLE: L O P LOCAL OPERATING POSITION ONE
 - CONNECTION TO THE TELETYPE PANELS ARE INDICATED AS FOLLOWS: ROMAN NUMERAL INDICATES WHICH TELETYPE PANEL IS USED; LETTERS M, S & E INDICATE MISCELLANEOUS SET & EQUIPMENT TERMINALS RESPECTIVELY. IM = NO. ONE PANEL MISCELLANEOUS JACK 4
 - CONNECTION TO THE SECURE TTY PANELS ARE INDICATED AS FOLLOWS: IS4 = NO. ONE PANEL, SET JACK 1, LOOP 4; IS5 = NO. ONE PANEL, SET JACK 2, LOOP 4 PRI 2
 - LETTERS A, B, C & D IN CIRCLES (A), (B), (C) & (D) INDICATE CONNECTIONS TO THE SB-82/SRR & SB-863/SRT SWITCHBOARDS IN RADIO CENTRAL
 - SYSTEM INCLUDES A SPARE RECEIVER & ASSOCIATED INSTALLED TEST EQUIPMENT. DETAILED INSTALLATION DATA WILL BE SUPPLIED WHEN IT BECOMES AVAILABLE
 - HELIX AND TRANSMISSION LINE FOR TAB 7 AND ANT 2-7 UNDER DEVELOPMENT. DETAILED INSTALLATION DATA WILL BE FURNISHED WHEN AVAILABLE
 - EQUIPMENT SHOWN BY DASHED LINES IS FOR WEIGHT AND SPACE RESERVATION ONLY
 - LETTERS (A), (B), (C) & (D) INDICATE CONNECTIONS TO SB-82/SRR & SB-863/SRT SWBD WITHIN LOCAL AREA EXCEPT CRYPTO AUDIO LEADS TERMINATED IN SECURE TTY
 - REFERENCE DRAWING WILL BE FORWARDED BY RUSHIPS WHEN AVAILABLE
 - CONTRACTOR ASSEMBLED PATCH BOX HOUSING TWO AMPHENOL CONNECTORS; (2) TYPE MS 25043 14C RECEPTACLES AND (1) MS 3108E 14S 6P PLUG
 - ELECTRICAL DETAILS OF MATCHING NETWORKS FOR ANTS 1-3, 1-4, 1-5 AND 2-3 SHALL BE DETERMINED BY ANTENNA IMPEDANCE MEASUREMENT AFTER INSTALLATION OF ANTENNAS AND REMOVAL OF STAGING
 - INSTALL PRESSURIZED R.F. TRANSMISSION LINE IN ACCORDANCE WITH MIL SPEC L-2331 SHIPS 7/8 JACK TED, 50 OHMS, CLASS N, TYPE 10P 2
 - THE RF PATCH PANELS IN FREQ. STANDARD SYSTEM SHALL BE USED AS INTERIM INSTALLATION FOR AN-2123/U (DETAIL A) IF THE AMPLIFIERS ARE NOT AVAILABLE AT TIME OF FITTING
 - INSTALL W/T CONNECTION BOX ON QUARTER DECK
 - MODIFY J 939A/J JACK BOX TO ELIMINATE CUT OUT FEATURE BY REPLACING ONE J 026 WITH J 025

U/W - USED WITH
P/O - PART OF