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Headquarters,  
Department of the Army  
11 August 1980

**TECHNICAL MANUAL**

**PLASTIC-LAMINATED CONDENSED OPERATING INSTRUCTIONS**

**FOR**

**RADIO SET AN/URC-80(V) 1/3**

**(NSN 5820-00-097-0082)**

The condensed operating instructions should be kept at the radio at all times for ready use.

You can submit comments on this publication by using DA Form 2028 (Recommended Changes To Publications and Blank Forms). Send to: Commander, US Army Communications and Electronics Materiel Readiness Command, ATTN: DRSEL-ME-MQ, Fort Monmouth, NJ 07703.

**CONDENSED OPERATING PROCEDURES AN/URC-80(V)1/3**

**CAUTION**

**SELECT ONLY CHANNELS YOU ARE AUTHORIZED**

**POWER ON:** On RT unit, set power switch to ON

**TUNING CHANNELS**

**CHANNEL SELECTOR** switch: SELECT

**CHANNEL SELECTOR** frequency: to desired operating  
channel

**MAIN RCVR VOLUME:** to desired signal level

**MAIN RCVR SQUELCH:** to desired condition of noise-no noise

**USING AUXILIARY RECEIVER** - Auxiliary receiver is preset to  
channel 13 and cannot be changed  
by the operator.

**AUX RCVR VOLUME:** to desired signal level

**AUX RCVR SQUELCH:** to desired condition of noise-no noise

**TRANSMITTING POWER - POWER-HIGH-LOW:** to LOW. When you cannot communicate on LOW,  
set to HIGH.

**COMMUNICATING** - Operate handset push-to-talk switch to talk;  
release switch to hear.

**POWER OFF:** On RT unit, set power switch to OFF

Table 3-2. AN/URC-80(V)1/3 Operating Channels

Channel No.	Frequency (MHz)		Assigned Function
	Transmit	Receive	
00	Inhibited	160.600	Not assigned
01	156.050	160.650	Land mobile public safety
02	156.100	160.700	Land mobile public safety
03	156.150	160.750	Land mobile public safety
04	156.200	160.800	Land mobile public safety
05	156.250	160.850	Land mobile public safety
06	156.300	156.300	Intership safety, ship-to-ship
07	156.350	156.350	Commercial ship-to-shore
08	156.400	156.400	Commercial to ships only
09	156.450	156.450	Commercial ship-to-shore and noncommercial to shore only
10	156.500	156.500	Commercial ship-to-shore
11	156.550	156.550	Commercial ship-to-shore
12	156.600	156.600	Port operations ship-to-shore
13	156.650	156.650	Navigational, ship-to-ship and ship-to-shore
14	156.700	156.700	Port operations ship-to-shore
15	156.750	156.750	Environmental conditions, coast station broadcast
16	156.800	156.800	INTERNATIONAL DISTRESS, SAFETY AND CALLING

Table 3-2. AN/URC-80(V)1/3 Operating Channels - Continued

Channel No	Frequency (MHz)		Assigned Function
	Transmit	Receive	
17	156.850	156.850	State control ship-to-shore
18	156.900	156.900	Commercial ship-to-shore
19	156.950	156.950	Commercial ship-to-shore
20	157.000	161.600	Port operations ship-to-shore
21	157.050	157.050	US government stations only
22	157.100	157.100	US government stations only
23	157.150	157.150	US government stations only
24	157.200	161.800	Public correspondence, ship to public coast station
25	157.250	161.850	Public correspondence, ship to public coast station
26	157.300	161.900	Public correspondence, ship to public coast station
27	157.350	161.950	Public correspondence, ship to public coast station
28	157.400	162.000	Public correspondence, ship to public coast station
29	Inhibited	157.450	Not assigned
60	156.025	160.625	Land mobile public safety
61	156.075	160.675	Land mobile public safety
62	156.125	160.725	Land mobile public safety
63	156.175	160.775	Land mobile public safety

Table 3-2. AN/URC-30(V)1/3 Operating Channels - Continued

Channel No	Frequency (MHz)		Assigned Function
	Transmit	Receive	
64	156.225	160.825	Land mobile public safety
65	156.275	156.275	Port operations, ship-to-shore
66	156.325	156.325	Port operations, ship-to-shore
67	156.375	156.375	Commercial, to ships only
68	156.425	156.425	Noncommercial, ship-to-shore
69	156.475	156.475	Noncommercial, to shore only
70	156.525	156.525	Noncommercial, to ships only
71	156.575	156.575	Noncommercial, to shore only
72	156.625	156.625	Noncommercial, to ships only
73	156.675	156.675	Port operations, ship-to- shore
74	156.725	156.725	Port operations, ship-to- shore
75	Inhibited	156.775	Not assigned
76	Inhibited	156.825	Not assigned
77	156.875	156.875	Commercial, to ships only
78	156.925	156.925	Noncommercial, to shore only

Table 3-2. AN/URC-30(V)1/3 Operating Channels - Continued

Channel No	Frequency (MHz)		Assigned Function
	Transmit	Receive	
79	156.975	156.975	Commercial ship-to-shore
80	157.025	157.025	Commercial ship-to-shore
81	157.075	157.075	US government stations only
82	157.125	157.125	US government stations only
83	157.175	157.175	US government stations only
84	157.225	161.825	Public correspondence ship to public coast station
85	157.275	161.875	Public correspondence ship to public coast station
86	157.325	161.925	Public correspondence ship to public coast station
87	157.375	161.975	Public correspondence ship to public coast station
88	157.425	157.425	Commercial, ship-to-shore
89	Inhibited	157.475	Not assigned
W	Inhibited	162.550	Weather monitor channel

By Order of the Secretary of the Army

**E. C. MEYER**  
*General, United States Army*  
*Chief of Staff*

Official:

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NG: None

USAR: None

For explanation of abbreviations used, see AR 310-50.

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