


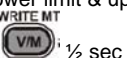
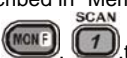


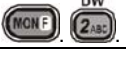
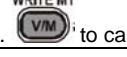

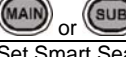



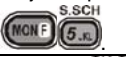




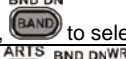







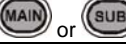



Band	AM B'cast	Shortwave	FM B'cast	VHF-TV	Ham 50	Ham 144	Ham 222	Ham 430	AIR	Action 1	Action 2
RX MAIN	0.5-1.8	1.8-30	59-108	174-222	30-58.99	137-173.995	222-224.98	420-469.975	108-136.975	225-419.9875	803-823.9875 849-998.9875
RX SUB					30-58.99	137-173.995		420-469.975			
TX MARS/CAP					50-54	140-173.995	222-224.98	420-469.975			
TX Freeband			40-224.95		30-58.99	137-173.995	222-224.98	420-469.975	108-136.975	300-579.995	

	MON F	SCAN 1	DW 2	WX 3	BND DN BAND	MAIN
Press	Alternate function	"1"	"2"	"3"	▲Band	Upper (MAIN) TX
Long	VFO: Memory write MR: set Priority channel	Store HP1	Store HP2	Store HP3	▲Band	Mono Band <> Dual Band
MON F	No action (two presses turns on backlite with null effect)	Scan. PTT to cancel.	Dual Watch	Weather	▼Band	Mono Band Only VFO: Upper Font Size (Mono only) MR: Freq <> Freq & Alpha Tag
	EMG 4	ARTS 4	S.SCH 5	SP-ANA 6	SET 0	SUB
Press	Misc #2 RV: Simplex on rptr TX HM: Band Home channel	"4"	"5"	"6"	"0"	Lower (SUB) TX
Long	Activate EMERGENCY	Store HP4	Store HP5	Store HP6	Store HP0	Mono Band <> Dual Band
MON F	Recall Home Channel for band	ARTS on/off	Smart Search	Spectrum Analyzer	Enter Set mode or DIAL, PTT to set squelch	Mono Band Only VFO: Lower Font Size (Mono only) MR: Freq <> Freq & Alpha Tag
	TX PO LK	CH CNT 7	8	9	WRITE MT V/M	MONI
Press	Internet Connection	"7"	"8"	"9"	VFO <> Memory	Open Squelch
Long	Key Lock (2 sec.)	Store HP7	Store HP8	Store HP9	VFO: No action MR: PMS Scan	Open Squelch
MON F	TX power (band   ch) L1(0.05) > L2(1.0) > L3(2.5) > high(5.0)	Ch counter (determine frequency)	CTCSS/DCS	Special Memory mode	No action	Set Squelch level





Hyper Memory	SET SPCL 0 - 9	To store current radio config, SET 0 - SPCL 9 2 seconds. To recall, MON F 9; DIAL to #4 HYP; PTT; SET 0 - SPCL 9. To activate a different HYP, stop scanning on primary band (PTT); SET 0 - SPCL 9. To exit HYP mode, MON F 9; DIAL to #1 OFF; PTT.
DTMF Manual		While pressing PTT, enter DTMF string on MIC keypad. (TSQ #7 must be OFF & MON F 9 must be #1 OFF.)
DTMF Autodialer		Turn on DTMF dialer (TSQ #7). Press & hold PTT. Number SCAN 1 - SPCL 9 corresponding to desired DTMF string. Release PTT.
Memory store		In VFO mode: set RX freq (DIAL or keypad), CTCSS vs. DCS (TSQ #1,2,3,6), repeater offset (Basic #6,7), power level (MON F TX PO LK), Mode (Basic #4), scan mode (Basic #13), & display alpha tag vs. frequency (MON F SUB, MON F 1/2 sec. Within 5 seconds, EMG 4 to store Home Channel for band or select channel (DIAL; watch for * for available) and MON F to store. (If Ln/Un does not appear, switch to MR mode & turn of Memory Bank mode.) Set SCAN MODE (Basic #13) if desired.
Memory recall		In MR mode, DIAL or enter channel number using keypad and WRITE MT V/M.
Alpha tag (max 8 char.)		Recall memory channel. Select Basic #11. BND DN BAND. DIAL clockwise to move to next character. Press key repeatedly for alphanumerics DW 2: ABCabc2) or MON F for spec characters (*)+/- . When done, BND DN BAND to complete entry. PTT to save setting. During entry, TX PO LK to delete all characters to the right of cursor.
Mask/unmask memory channel		In MR mode, MON F 1/2 second. DIAL to desired channel number. WRITE MT V/M.
Delete memory ch		Mask it.
Memory Group (1-9) Note: Memory Groups only work on MAIN. However, concurrent MAIN MG scan and SUB ↓ Pref Mem Scan are possible.		To assign channel to Memory Group, recall memory channel; MON F 1/2 second; number SCAN 1 - SPCL 9 corresponding to desired MG. To activate a MG, MAIN (if not already on MAIN); MON F 9; DIAL to #2 MR GROUP; PTT; DIAL to select MG1 - MG9; WRITE MT V/M. To activate a different MG, WRITE MT V/M until "MG" blinks; DIAL; WRITE MT V/M. To exit MG mode, MON F 9; DIAL to #1 OFF; PTT. To delete a channel from a MG, enter MG mode; select channel; MON F for 2 seconds; WRITE MT V/M.
Odd split		For splits not available via Basic #6, see Operating Manual p46. If using VX-7 Commander, set RPT SH = "Dup" and Shift = tx freq.
Xfer Memory to VFO		Recall memory channel. MON F 1/2 second. TX PO LK.
MR only mode (no VFO possible)		Press and hold BND DN BAND while turning radio on. To return to normal operation, repeat.
One Touch Memory		To store desired frequency/attributes into channel OTM0 - OTM9, see Memory Store. To recall, in Mono Band mode on MAIN, MON F 9; DIAL to #3 OTM; PTT; SET 0 - SPCL 9. To exit OTM mode, MON F 9; DIAL to #1 OFF; PTT.
Weather		MON F WX 3 DIAL, preferably on SUB. To scan, PTT. To stop scan, PTT. To manually select channel, DIAL. To exit WX, WRITE MT V/M. For WX Alert, set WX Alert (Misc #20) ON, then initiate WX scan (PTT). Scan will watch for 1050Hz tone on any WX channel. Normal radio operations can be performed on other band. (SUB is preferable for WX Alert, because MAIN has more features, e.g., Memory Groups.)

Squelch	 <b>DIAL. PTT.</b>
♪ Pref Mem Scan	In <b>MR</b> mode, select any channel with 
Skip memory - temp	While stopped on the channel during scan,  . User experiences vary as to whether Basic #13 is set to SKIP temporarily or permanently. Whether this function works at all may depend up whether you are scanning all or scanning a Memory Group.
PMS (Band Limit Scan)	Program lower limit & upper limit (L1/U1 - L20/U20) as described in "Memory Store". Remember tuning step (Basic #3). In <b>MR</b> mode, select Ln.  ½ sec to set PMS mode. "PMS" appears.  to initiate scan. To stop scan, <b>PTT</b> .
Dual Watch	In <b>MR</b> mode,  ½ second. Select priority memory channel.  . "MRP" (MAIN) or "MRp" (SUB) appears. Pick any other channel or select <b>VFO</b> mode,  . Priority memory channel is checked every 5 sec.  to cancel.
Spectrum Analyzer	Set Spectrum Analyzer mode (Scan #6) to 1 or CONTINUOUS. In <b>VFO</b> Mono Band mode, activate  . To adjust bandwidth,  . To change center freq, <b>DIAL</b> .  to operate on center (and displayed) channel.
Smart Search (15-1-15 channels)	Set Smart Search mode (Scan #5) to 1 or CONTINUOUS. In <b>VFO</b> Mono Band mode, select center frequency. Adjust squelch. To activate mode  . "SMRT" appears. To start/stop search,  . To review channels, <b>DIAL</b> . To exit,  .
Channel Counter (identify freq.)	Set sweep width (Scan #1). In <b>VFO</b> Mono Band mode, activate  . 50dB attenuator. To manually stop,  .
Tone scan	<b>VFO</b> or <b>MR</b> : Set TSQ #1. Enter edit mode for TSQ #2 (CTCSS) or TSQ #3 (DCS).  to enable editing.  to search for tone/code. Once found,  to select value. <b>PTT</b> to save setting. During scanning, <b>MONI</b> , while pressed, opens audio.
Reset	<b>Microprocessor</b> : Hold  while turning on radio. <b>Menu settings</b> : Hold  while turning on radio.  .

 **DIAL** to select item # (or  **DIAL** to cycle to item #1 of each menu group, then  **DIAL** to select item #).  is sometimes required to enable editing.)  or  to select value. **PTT** to save setting.

Basic Setup	1	m	Squelch NFM: 0 - 15 1	Measurement	1	r	Sensor display: TIME DC TEMP WAVE BARO ALTI WX OFF	
	2	r	Squelch WFM: 0 - 8 2		2	r	Wave Form monitor: ALL RX_SIGNAL TX_MODULATION	
	3	m c	VFO Step: 5 9 10 12.5 15 20 25 50 100kHz		3	r	Temp measurement units: °C/°F	
	4	m c	mode: Auto NFM AM WFM		4	r	Barometer units: hpa mbar mmHg inch	
	5	r	ARS(Auto Repeater Shift): On Off		5	r	Barometer offset	
	6	c	Repeater Shift: 0.00 - 99.95MHz		6	r	Altimeter units: m ft	
	7	c	Repeater Shift Direction: -RPT +RPT SIMP		7	r	Altimeter offset	
	8	r	Audio Mute: On Off		Save Modes	1	r	Auto Power Off (APO) OFF 30min 1hour 3hour 5hour 8hour
	9	r	Key Beep: On Off			2	r	RX battery sleep ratio: OFF 200 <sub>1:1</sub> 300 <sub>1:1.5</sub> 500 <sub>1:2.5</sub> 1 <sub>1:5</sub> 2 <sub>1:10</sub>
	10	r	Lockout: KEY DIAL KEY&DIAL PTT KEY&PTT DIAL&PTT ALL			3	r	TX battery save (lowers TX power if strong RX): ON OFF
	11	c	Alpha tag			4	r	TOT (Time Out Timer): OFF 1_min 2.5_min 5_min 10_min
	12	r	Memory write mode: LOWER CH (next avail) NEXT_CH (end)			5	r	Radio ON time of day: OFF 00:00 - 23:59
	13	c	Memory scan mode: OFF SKIP PREFERENTIAL ♪			6	r	Radio OFF time of day: OFF 00:00 - 23:59
	14	r	Hyper Memory write: ENABLE DISABLE		ARTS	1	r	Beep: IN RANGE ALWAYS OFF
Display	1	r	RX Busy LED - squelch open: ON OFF	2		r	Polling interval: 15 SEC 25_SEC	
	2	r	Contrast: 1 - 10 7	3		r	CW ID	
	3	r	Brightness: 0 - 12 10	Miscellaneous	1	r	Busy Channel Lock-Out (no TX if RX w/o TSQ/DCS): ON OFF	
	4	r	When power off: None TEMP ALL		2	r	Function of HM/RV : HOME REV	
	5	r	Lamp mode: KEY(5 sec.) CONTINUE OFF		3	r	Function of <b>MONI</b> button: MONI T-CAL(1750Hz for Europe)	
	6	r	LED Color 1 RGB		4	r	Exchange MonF and <b>MONI</b> : FUNC MONI	
	7	r	LED Color 2 for MainBusy SubBusy Dual MainTX SubTx CHG		5	r	"Emergency" alarm: BEEP+STROBE BEEP STROBE n BEAM	
	8	m	Meter Symbol: S1 S2 S3 S4 S5 CHR		6	c	Reduce TX bandwidth by 50% (to ±2.5kHz): ON OFF	
TSQ/DCS/DTMF	1	m c	Type: OFF TONE <sub>d</sub> TONE_SQL <sub>e/d</sub> DCS <sub>e/d</sub> [if #6 is ON: D_CODE <sub>e</sub> TONE <sub>e</sub> DC <sub>d</sub> DC <sub>e</sub> TONE <sub>d</sub> ]		7	r	VOX Sensitivity: OFF HIGH LOW	
	2	m c	Tone value: 50 CTCSS values 88.5		8	r	VOX delay: 0.5S 1S 2S	
	3	m c	DCS code: 104 DCS codes 023	9	r	Band Link: ON OFF		
	4	r	DCS invert: ENABLE DISABLE	10	b	VFO Band Edge for current band: ALL BAND		
	5	r	RX CTCSS/DCS bell ringer repetitions: OFF 1 3 4 8 CONTINUE	11	r	Font editor		
	6	r	Split CTCSS/DCS coding: OFF ON	12	r	Icon display: ON OFF		
	7	r	DTMF Dialer: ON OFF	13	r	Icon editor		
	8	r	DTMF program	14	r	Icon selection		
Scan	1	r	Channel counter search width in MHz: ±5 ±10 ±50 ±100	15	c	Clock shift: ON OFF		
	2	r	Band-edge beep: ON OFF	16	r	Set time of day. Press <b>V/M</b> button before <b>PTT</b> .		
	3	r	Scan resume: 3SEC 5SEC 7SEC 10SEC BUSY HOLD	17	r	Language: ENGLISH JAPANESE		
	4	r	Scan lamp: ON OFF	18	r	Front end 20dB attenuator: ON OFF		
	5	r	Smart Search Sweep mode: 1 CONTINUOUS	19	r	Mic monitor (VX7 mic → TX & external earphone): ON OFF		
	6	r	Spectrum Analyzer Sweep mode: 1 CONTINUOUS	20	r	WX alert: ON OFF		
	7	r	Spectrum Analyzer audio of center frequency: ON OFF			Coding: radio main/sub band channel		

Special Memory:



**DIAL** to select, **PTT.** To exit,
 

**DIAL** #1 Off, **PTT.**

1	Off	Normal keypad (VFO freq; MR channel)	
2	MG	Memory Group	MAIN only
3	OTM	One Touch Memory	Mono Band & MAIN
4	HYP	Hyper Memory	
5	LST	Shortwave Broadcast*	Mono Band & MAIN
6	SEA	VHF Marine*	Mono Band & MAIN

\*Channel cannot be selected via direct keyboard entry; only via **DIAL**.

Memory Group:

MG		Channels	PREFERENTIAL ↴
1	Ham	1-49	146.85 (Cody), 146.52(Call2m), 446.000(Call70cm)
2	Cody L.E. & Fire	50-99	
3	Cody BLM, Natl Forest		168.55(BLM2IC), 168.625(Air***)
4	NIRSC	140-199	
5	FRS/GMRS/MURS	310-336	
6			
7	Aircraft		121.5(AirEmerg)
8	Yellowstone N.P.	136-139	
9	Search & Rescue (SAR)	250-269	155.16(SAR***;SAR national)

Hyper Memories:

HYP	Top	Bottom	MAIN/SUB
0	Cody 2m repeater (146.850)	(Mono Band)	MAIN
1	Scan Ham (MG1)	Scan Pref ↴ (MG all)	SUB
2	Scan L.E. (MG2)	Scan Pref ↴ (MG all)	SUB
3	Scan BLM, Natl Forest (MG3)	Scan Pref ↴ (MG all)	SUB
4	Scan NIRSC (MG4)	Scan Pref ↴ (MG all)	SUB
5			
6	Cody 2m repeater (146.850)	Shell repeater (146.610)	MAIN
7	Cody 2m repeater (146.850)	Call 2m (146.520)	MAIN
8	Scan Yellowstone N.P. (MG8)	Scan Pref ↴ (MG all)	SUB
9	Scan SAR (MG9)	Scan Pref ↴ (MG all)	SUB

Company **ALINCO** KENWOOD MOTOROLA MOTOROLA  
 Model **DJ-S46** UBZ-LF14 Talkabout Sport 7/7X

Tone (Hz.)	CODE	CODE	CODE	CODE
67.0	67.0	1	1	N/A
69.3	69.3	N/A	N/A	N/A
71.9	71.9	2	2	N/A
74.4	74.4	3	3	N/A
77.0	77.0	4	4	A
79.7	79.7	5	5	N/A
82.5	82.5	6	6	N/A
85.4	85.4	7	7	N/A
88.5	88.5	8	8	B
91.5	91.5	9	9	N/A
94.8	94.8	10	10	N/A
97.4	97.4	11	11	C
100.0	100.0	12	12	N/A
103.5	103.5	13	13	N/A
107.2	107.2	14	14	D
110.9	110.9	15	15	N/A
114.8	114.8	16	16	N/A
118.8	118.8	17	17	E
123.0	123.0	18	18	N/A
127.3	127.3	19	19	F
131.8	131.8	20	20	N/A
136.5	136.5	21	21	G
141.3	141.3	22	22	N/A
146.2	146.2	23	23	N/A
151.4	151.4	24	24	N/A
156.7	156.7	25	25	N/A
159.8	159.8	N/A	N/A	N/A
162.2	162.2	26	26	N/A
165.5	165.5	N/A	N/A	N/A
167.9	167.9	27	27	N/A
171.3	171.3	N/A	N/A	N/A
173.8	173.8	28	28	N/A
177.3	177.3	N/A	N/A	N/A
179.9	179.9	29	29	N/A
183.5	183.5	N/A	N/A	N/A
186.2	186.2	30	30	N/A
189.9	189.9	N/A	N/A	N/A
192.8	192.8	31	31	N/A
196.6	196.6	N/A	N/A	N/A
199.5	199.5	N/A	N/A	N/A
203.5	203.5	32	32	N/A
206.5	206.5	N/A	N/A	N/A
210.7	210.7	33	33	N/A
218.1	218.1	34	34	N/A
225.7	225.7	35	35	N/A
229.1	229.1	N/A	N/A	N/A
233.6	233.6	36	36	N/A
241.8	241.8	37	37	N/A
250.3	250.3	38	38	N/A
254.1	254.1	N/A	N/A	N/A



### VHF MARINE CHANNEL FREQUENCY LIST

CH No.	Frequency (MHz)	CH No.	Frequency (MHz)	CH No.	Frequency (MHz)	CH No.	Frequency (MHz)	CH No.	Frequency (MHz)	CH No.	Frequency (MHz)	CH No.	Frequency (MHz)
0	156.000	41	158.050	82	157.125	123	159.075	164	160.100	205	161.125	246	155.875
1	156.050	42	158.100	83	157.175	124	159.100	165	160.125	206	161.150	247	155.850
2	156.100	43	158.150	84	157.225	125	159.125	166	160.150	207	161.175	248	155.825
3	156.150	44	158.200	85	157.275	126	159.150	167	160.175	208	161.200	249	155.800
4	156.200	45	158.250	86	157.325	127	159.175	168	160.200	209	161.225	250	155.775
5	156.250	46	158.300	87	157.375	128	159.200	169	160.225	210	161.250	251	155.750
6	156.300	47	158.350	88	157.425	129	159.225	170	160.250	211	161.275	252	155.725
7	156.350	48	158.400	89	157.475	130	159.250	171	160.275	212	161.300	253	155.700
8	156.400	49	158.450	90	157.525	131	159.275	172	160.300	213	161.325	254	155.675
9	156.450	50	158.500	91	157.575	132	159.300	173	160.325	214	161.350	255	155.650
10	156.500	51	158.550	92	157.625	133	159.325	174	160.350	215	161.375	256	155.625
11	156.550	52	158.600	93	157.675	134	159.350	175	160.375	216	161.400	257	155.600
12	156.600	53	158.650	94	157.725	135	159.375	176	160.400	217	161.425	258	155.575
13	156.650	54	158.700	95	157.775	136	159.400	177	160.425	218	161.450	259	155.550
14	156.700	55	158.750	96	157.825	137	159.425	178	160.450	219	161.475	260	155.525
15	156.750	56	158.800	97	157.875	138	159.450	179	160.475	220	161.500	261	155.500
16	156.800	57	158.850	98	157.925	139	159.475	180	160.500	221	161.525	262	155.475
17	156.850	58	158.900	99	157.975	140	159.500	181	160.525	222	161.550	263	155.450
18	156.900	59	158.950	100	158.025	141	159.525	182	160.550	223	161.575	264	155.425
19	156.950	60	159.025	101	158.075	142	159.550	183	160.575	224	161.600	265	155.400
20	157.000	61	159.075	102	158.125	143	159.575	184	160.600	225	161.625	266	155.375
21	157.050	62	159.125	103	158.175	144	159.600	185	160.625	226	161.650	267	155.350
22	157.100	63	159.175	104	158.225	145	159.625	186	160.650	227	161.675	268	155.325
23	157.150	64	159.225	105	158.275	146	159.650	187	160.675	228	161.700	269	155.300
24	157.200	65	159.275	106	158.325	147	159.675	188	160.700	229	161.725	270	155.275
25	157.250	66	159.325	107	158.375	148	159.700	189	160.725	230	161.750	271	155.250
26	157.300	67	159.375	108	158.425	149	159.725	190	160.750	231	161.775	272	155.225
27	157.350	68	159.425	109	158.475	150	159.750	191	160.775	232	161.800	273	155.200
28	157.400	69	159.475	110	158.525	151	159.775	192	160.800	233	161.825	274	155.175
29	157.450	70	159.525	111	158.575	152	159.800	193	160.825	234	161.850	275	155.150
30	157.500	71	159.575	112	158.625	153	159.825	194	160.850	235	161.875	276	155.125
31	157.550	72	159.625	113	158.675	154	159.850	195	160.875	236	161.900	277	155.100
32	157.600	73	159.675	114	158.725	155	159.875	196	160.900	237	161.925	278	155.075
33	157.650	74	159.725	115	158.775	156	159.900	197	160.925	238	161.950	279	155.050
34	157.700	75	-	116	158.825	157	159.925	198	160.950	239	161.975	280	155.025
35	157.750	76	-	117	158.875	158	159.950	199	160.975	240	162.000	281	155.000
36	157.800	77	159.875	118	158.925	159	159.975	200	161.000	241	162.025		
37	157.850	78	159.925	119	158.975	160	160.000	201	161.025	242	162.050		
38	157.900	79	159.975	120	159.000	161	160.025	202	161.050	243	162.075		
39	157.950	80	159.025	121	159.025	162	160.050	203	161.075	244	162.100		
40	158.000	81	159.075	122	159.050	163	160.075	204	161.100	245	162.125		

### BROADCAST STATION FREQUENCY LIST

LST No.	Freq. (MHz)	MODE	Tag	Station Name	LST No.	Freq. (MHz)	MODE	Tag	Station Name
1	6.030	AM	VOA	Voice of America	45	7.270	AM	Spain	Radio Exterior de Espana
2	6.160	AM	VOA	Voice of America	46	9.520	AM	Spain	Radio Exterior de Espana
3	9.760	AM	VOA	Voice of America	47	11.920	AM	Spain	Radio Exterior de Espana
4	11.930	AM	VOA	Voice of America	48	15.585	AM	Spain	Radio Exterior de Espana
5	5.995	AM	Canada	Radio Canada International	49	6.090	AM	Luxemborg	Radio Luxembourg
6	7.235	AM	Canada	Radio Canada International	50	7.485	AM	Norway	Radio Norway International
7	9.735	AM	Canada	Radio Canada International	51	9.590	AM	Norway	Radio Norway International
8	11.705	AM	Canada	Radio Canada International	52	9.985	AM	Norway	Radio Norway International
9	6.195	AM	BBC	British Broadcasting Corporation	53	13.800	AM	Norway	Radio Norway International
10	9.410	AM	BBC	British Broadcasting Corporation	54	6.065	AM	Sweden	Radio Sweden
11	12.095	AM	BBC	British Broadcasting Corporation	55	9.490	AM	Sweden	Radio Sweden
12	15.310	AM	BBC	British Broadcasting Corporation	56	13.625	AM	Sweden	Radio Sweden
13	6.045	AM	France	Radio France International	57	17.505	AM	Sweden	Radio Sweden
14	9.790	AM	France	Radio France International	58	6.120	AM	Finland	Radio Finland
15	11.670	AM	France	Radio France International	59	9.630	AM	Finland	Radio Finland
16	15.525	AM	France	Radio France International	60	11.765	AM	Finland	Radio Finland
17	3.955	AM	DW	Deutsche Welle	61	9.795	AM	Finland	Radio Finland
18	6.075	AM	DW	Deutsche Welle	62	5.940	AM	Russia	Voice of Russia
19	9.545	AM	DW	Deutsche Welle	63	5.920	AM	Russia	Voice of Russia
20	9.735	AM	DW	Deutsche Welle	64	7.205	AM	Russia	Voice of Russia
21	6.060	AM	Italy	Italian Radio International	65	12.030	AM	Russia	Voice of Russia
22	7.175	AM	Italy	Italian Radio International	66	9.435	AM	Israel	Israel Broadcasting Authority
23	9.515	AM	Italy	Italian Radio International	67	11.585	AM	Israel	Israel Broadcasting Authority
24	17.710	AM	Italy	Italian Radio International	68	15.615	AM	Israel	Israel Broadcasting Authority
25	3.985	AM	Swiss	Swiss Radio International	69	17.545	AM	Israel	Israel Broadcasting Authority
26	6.165	AM	Swiss	Swiss Radio International	70	6.045	AM	India	All India Radio (AIR)
27	9.885	AM	Swiss	Swiss Radio International	71	9.595	AM	India	All India Radio (AIR)
28	15.220	AM	Swiss	Swiss Radio International	72	11.620	AM	India	All India Radio (AIR)
29	5.985	AM	Belgium	Radio Vlaanderen International	73	15.020	AM	India	All India Radio (AIR)
30	9.925	AM	Belgium	Radio Vlaanderen International	74	7.190	AM	China	China Radio International (CRI)
31	11.780	AM	Belgium	Radio Vlaanderen International	75	5.250	AM	China	China Radio International (CRI)
32	13.740	AM	Belgium	Radio Vlaanderen International	76	9.855	AM	China	China Radio International (CRI)
33	5.955	AM	Holland	Radio Nederland	77	11.885	AM	China	China Radio International (CRI)
34	6.020	AM	Holland	Radio Nederland	78	5.975	AM	Korea	Radio Korea
35	9.895	AM	Holland	Radio Nederland	79	7.275	AM	Korea	Radio Korea
36	11.655	AM	Holland	Radio Nederland	80	9.570	AM	Korea	Radio Korea
37	9.590	AM	Denmark	Radio Denmark	81	13.670	AM	Korea	Radio Korea
38	9.985	AM	Denmark	Radio Denmark	82	6.155	AM	Japan	Radio Japan
39	13.800	AM	Denmark	Radio Denmark	83	7.200	AM	Japan	Radio Japan
40	15.735	AM	Denmark	Radio Denmark	84	9.750	AM	Japan	Radio Japan
41	9.780	AM	Portugal	Radio Portugal	85	11.860	AM	Japan	Radio Japan
42	11.980	AM	Portugal	Radio Portugal	86	5.995	AM	Australi	Radio Australia
43	15.555	AM	Portugal	Radio Portugal	87	9.580	AM	Australi	Radio Australia
44	21.655	AM	Portugal	Radio Portugal	88	9.660	AM	Australi	Radio Australia
					89	12.080	AM	Australi	Radio Australia