



INTERNATIONAL AMATEUR RADIO UNION
REGION 3
MONITORING SYSTEM REPORT



July, 2009

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Monthly summary:

80 metres: Voice of Korea was reported by JARL & NZART.

40 metres: Chinese OTHR from Hainan was reported by ARSI, JARL, MARTS, NZART & WIA, also spotted from 9M & K. Indonesian intruders were reported by NZART & WIA. The Russian single-letter CW beacons were reported by ARSI, JARL, MARTS, NZART & WIA. Sinhalese-speaking intruders were reported by ARSI. Broadcast stations still transmitting on 7100-7200 kHz were reported by ARSI, JARL, NZART, MARTS & WIA. Frequencies reported to be still in use include: 7100, 7105, 7110, 7115, 7125, 7130, 7140, 7145, 7150, 7165, 7175, 7180, 7185, 7190 & 7200 kHz. Identified sources of reported broadcast stations included: CHN, KRE, LAO, MLA, RUS & TWN. Broadcast stations on 7105, 7130, 7140, 7170 & 7200 kHz were also spotted from 9M, ON, K & KP4.

30 metres: Suspected British OTHR was spotted from I & ON. A Sinhalese-speaking intruder was reported by ARSI.

20 metres: Suspected British OTHR was reported by WIA, also spotted from YO & VK. Suspected Russian OTHR was reported by NZART. Intermodulation distortion products of Voice of America on 14065 & 14135 kHz from PHL relay site continue to be reported by WIA, on these & other frequencies by MARTS. Sinhalese-speaking intruders were reported by ARSI & WIA. Indonesian intruders were reported by NZART & WIA. Numerous Chinese-speaking intruders were reported by WIA. Several teletype intruders were reported by NZART. Voice of Korea was reported by MARTS & NZART. Numerous wandering spurs across the band were reported by MARTS (reported by HARTS in the past, the spurs appear with broadcast stations below the band from eastern Guangdong province, China & have most recently been reported by WIA).

17 metres: Suspected British OTHR was reported by NZART, also spotted from I, PA, F, TF, G & OE. The Havana Gurgle was reported by NZART. Numerous wandering spurs across the band were reported by MARTS (reported by HARTS in the past, the spurs appear with broadcast stations below the band from eastern Guangdong province, China).

ZL1GWE is the new national coordinator for NZART. IARU R3 MS appreciates previous NZART coordinator ZL1BYA's work, which following on from ZL1BAD (a previous IARU MS international coordinator), continues a tradition of participation in MS by NZART that is of benefit to us all. TU!

Sources of reported signals:

Region 1: GCA, RUS, UKR

Region 2: none

Region 3: CHN, CLN, INS, KRE, LAO, MLA, PHL, TWN

No member-society has reported any action taken on previous reports.

Note: Most reports of A1A from ARSI can be 200-600 Hz low in frequency. In Japan, "jamming" or "jammer" is also used to describe OTHR.

This month's contributors:

ARSI: VU2UR - **JARL:** JA0AD - **MARTS:** 9M6BG - **WIA:** VK4TJ, VK6XW

NZART: ZL1BAD, ZL1BYA, ZL1GWE, ZL2CC, ZL2IFB, ZL2IK, ZL2TZE

kHz	BW	YYYY	MM	DD	GMT	Time	Emm	Bd	Sft	Hdg	ADM	ID	Description	Grid	Source
3560	10	2009	07	04	11:05	<1105-1200>	A3E				KRE	VoKorea		RE68XL	NZART
3560		2009	07	DY	09:00	<0900-2100>	A3E				KRE	VoKorea	B-C Station	RF72LQ	NZART
3560		2009	07	DY	09:46	<0946-1900>	A3E		321		KRE	VoKorea	KOR/ZHO/ENG/FRA/SPA Talk and Music	PM97	JARL
3708		2009	07	04	08:25	0825>	J3E/L					ELZ	Cook Island vessel "Mangaroa-rua" calling "base"	RF74CI	NZART
3708		2009	07	05	08:25	0825>	J3E/L					ELZ	Cook Island vessel "Mangaroa-rua" calling "base"	RF74CI	NZART
3786		2009	07	22	07:41	<0741-0745	J3E/L						Asian	RF81WM	NZART
7000	1	2009	07	02	11:03	<1103>	PXX					CHN	Short burst	RF72IS	NZART
7000		2009	07	30	08:00	0800	J3E/U					INS		QG52XI	WIA
7000.5	1	2009	07	02	11:03	1103>	PXX					CHN		RF72IS	NZART
7002	5	2009	07	18	11:45	1145	X7D						>20 CARRIERS 100 HZ APART	QG52XI	WIA
7002.5	5	2009	07	05	18:15	<1815-2015>	PXX					CHN		RF80hl	NZART
7003.5	7	2009	07	09	14:14	<1414-1531>	PXX					CHN	Below band, not far enough, gone by 1638	OJ85	MARTS
7005		2009	07	27	07:12	<0712>	J3E/U						Japanese or Malaysian dialect	RF73MF	NZART
7005.5	11	2009	07	17	22:00	<2200-2359>	PXX					CHN	Below band, not far enough.	OJ85	MARTS
7005.5	11	2009	07	18	22:00	<0000-0047>	PXX					CHN	Below band, not far enough.	OJ85	MARTS
7006.7		2009	07	29	02:40	<0240-0243>	J3E/U					CLN	SINHALA SPEAKING OM-OM QSOs	MK82	ARSI
7007		2009	07	16	02:51	<0251-0255>	J3E/U					CLN	SINHALA SPEAKING OM-OM QSOs	MK82	ARSI
7007.5	15	2009	07	24	10:37	<1037>	PXX					CHN		OJ85	MARTS
7009		2009	07	06	10:10	1010	A1A					L7W	IDQ DE L7W, CHIRPY	QG52XI	WIA
7009.6		2009	07	27	02:24	<0224-0228>	J3E/U					CLN	SINHALA SPEAKING OM-OM QSOs	MK82	ARSI
7010		2009	07	01	19:10	<1910-1930>	PXX					CHN	O.T.H.R. Centred on 6975	RF72LQ	NZART
7010	20	2009	07	09	21:03	<2103-2359>	PXX					CHN	Below band, not far enough.	OJ85	MARTS
7010	20	2009	07	10	00:00	<0000-0141>	PXX					CHN	Below band, not far enough.	OJ85	MARTS
7010	20	2009	07	10	22:04	<2204-2335>	PXX					CHN	Below band, not far enough.	OJ85	MARTS
7010		2009	07	15	13:20	<1320-1325>	J3E/U					CLN	SINHALA SPEAKING OM-OM QSOs	MK82	ARSI
7010		2009	07	17	09:12	<0912>	J3E/L						Asian	RF80hl	NZART
7010		2009	07	30	07:30	0730	J3E/U					INS		QG52XI	WIA
7014		2009	07	27	07:12	<0712>	J3E/U						Japanese or Malaysian dialect	RF73MF	NZART
7015	30	2009	07	19	22:30	<2230-2341>	PXX					CHN	Below band, not far enough, gone by 0025 2009-07-20	OJ85	MARTS
7015		2009	07	20	09:15	0915	J3E/U					INS	FAMILY NET	QG52XI	WIA
7015		2009	07	21	02:15	<0215-0220>	J3E/U					CLN	SINHALA SPEAKING OM-OM QSOs	MK82	ARSI
7015	30	2009	07	21	22:51	<2251-2359>	PXX					CHN		OJ85	MARTS
7015	30	2009	07	22	00:00	<0000-0047>	PXX					CHN	Gone by 0100	OJ85	MARTS
7015	30	2009	07	24	22:17	<2217-2359>	PXX					CHN		OJ85	MARTS
7015	30	2009	07	25	00:00	<0000-0032>	PXX					CHN	Gone or faded out by 0057	OJ85	MARTS
7015	30	2009	07	27	09:18	<0918-2359>	PXX					CHN		OJ85	MARTS
7015	30	2009	07	28	00:00	<0000-0832>	PXX					CHN	Finally gone by 0953	OJ85	MARTS
7017		2009	07	29	02:40	<0240-0243>	J3E/U					CLN	SINHALA SPEAKING OM-OM QSOs	MK82	ARSI
7017.5	35	2009	07	13	22:00	<2200-2308>	PXX					CHN	Below band, not far enough.	OJ85	MARTS
7019		2009	07	20	21:00	2100	A1A					RUS	RAL2K	QG52XI	WIA
7020		2009	07	08	08:00	0800	J3E/U					INS	VILLAGE RADIO NET	QG52XI	WIA
7022		2009	07	27	02:26	<0226-0230>	J3E/U					CLN	SINHALA SPEAKING OM-OM QSOs	MK82	ARSI
7022.35		2009	07	26	06:43	<0643>	J3E/U						Japanese or Malaysian dialect	RF73MF	NZART
7023.6		2009	07	29	19:55	<1955-2000>	J3E						Indonesian or possibly Sri Lankan	RF80hl	NZART
7024.5		2009	07	27	02:20	<0220-0226>	J3E/U					CLN	SINHALA SPEAKING OM-OM QSOs	MK82	ARSI
7025		2009	07	13	02:30	<0230-0236>	J3E/U					CLN	SINHALA SPEAKING OM-OM QSOs	MK82	ARSI

kHz	BW	YYYY	MM	DD	GMT	Time	Emm	Bd	Sft	Hdg	ADM	ID	Description	Grid	Source
7025		2009	07	16	02:50	<0250-0254>	J3E/U				CLN		SINHALA SPEAKING OM-OM QSOs	MK82	ARSI
7025	50	2009	07	17	09:04	<0904-0921>	PXX				CHN		Gone by 1025	RF80hl	NZART
7025		2009	07	31	08:20	0820	J3E/U				INS		INDO	QG52XI	WIA
7025		2009	07	DY	22:32	<2232-2300	A3E				PHL	VoAmerica	MSA & ZHO bcst stations, daily 2009-07-09~29	OJ85	MARTS
7025.30		2009	07	26	06:43	<0643>	J3E/U						Japanese or Malaysian dialect	RF73MF	NZART
7027.3		2009	07	05	00:35	<0035>	A1A					V	SINGLE LETTER BEACON	MK82	ARSI
7027.3		2009	07	10	14:18	<1418>	A1A					V	SINGLE LETTER BEACON	MK82	ARSI
7027.4		2009	07	20	21:00	2100	A1A					V	SINGLE LETTER BEACON "V" (NEW)	QG52XI	WIA
7027.5		2009	07	09	15:00	<1500-2314>	A1A						string of dots	OJ85	MARTS
7027.5		2009	07	DY	00:00	<0000-0038>	A1A					V	Vs, daily 2009-07-09~2009-07-29	OJ85	MARTS
7027.5		2009	07	DY	14:45	<1445-2359>	A1A					V	Vs, daily 2009-07-09~2009-07-29	OJ85	MARTS
7028.5		2009	07	16	10:55	<1055-1130>	F7D				CHN		FSK8, 8x105Bd PRC 4+4 China Military	RF72IS	NZART
7030	60	2009	07	05	18:15	<1815-2015>	PXX				CHN		CODAR	RF80hl	NZART
7030		2009	07	31	08:20	0820	J3E/U				INS		INDO	QG52XI	WIA
7030	60	2009	07	DY	19:00	<1900-2112>	PXX				CHN		4 PPS. Centred on 7030, 60k wide. Stops at 2112	RF72LQ	NZART
7030.5		2009	07	27	02:27	<0227-0230>	J3E/U				CLN		SINHALA SPEAKING OM-OM QSOs	MK82	ARSI
7031	62	2009	07	01	08:00	<0800-0834>	PXX				CHN			RF80hl	NZART
7033	66	2009	07	01	17:08	<1708>	PXX				CHN		7000KHz ~ 7066KHz wide pulse mode PXX OTHR ?	PM97	JARL
7033	66	2009	07	03	17:06	<1706-1808>	PXX				CHN		7000KHz ~ 7066KHz wide pulse mode PXX OTHR ?	PM97	JARL
7033	66	2009	07	03	18:08	<1808>	PXX				CHN		7000KHz ~ 7066KHz wide pulse mode PXX OTHR ?	PM97	JARL
7033	66	2009	07	04	18:08	<1808>	PXX				CHN		7000KHz ~ 7066KHz wide pulse mode PXX OTHR ?	PM97	JARL
7033	66	2009	07	05	17:08	<1708-1806>	PXX				CHN		7000KHz ~ 7066KHz wide pulse mode PXX OTHR ?	PM97	JARL
7033	66	2009	07	06	16:08	<1608>	PXX				CHN		7000KHz ~ 7066KHz wide pulse mode PXX OTHR ?	PM97	JARL
7033	66	2009	07	09	17:06	<1706-1808>	PXX				CHN		7000KHz ~ 7066KHz wide pulse mode PXX OTHR ?	PM97	JARL
7033	66	2009	07	10	17:08	<1708-1808>	PXX				CHN		7000KHz ~ 7066KHz wide pulse mode PXX OTHR ?	PM97	JARL
7033	66	2009	07	13	18:08	<1808>	PXX				CHN		7000KHz ~ 7066KHz wide pulse mode PXX OTHR ?	PM97	JARL
7033	66	2009	07	15	16:06	<1506-2212>	PXX				CHN		7000KHz ~ 7066KHz wide pulse mode PXX OTHR ?	PM97	JARL
7033	66	2009	07	16	17:06	<1706-1806>	PXX				CHN		7000KHz ~ 7066KHz wide pulse mode PXX OTHR ?	PM97	JARL
7033	66	2009	07	17	17:04	<1704-1804>	PXX				CHN		7000KHz ~ 7066KHz wide pulse mode PXX OTHR ?	PM97	JARL
7033	66	2009	07	18	18:06	<1806-1904>	PXX				CHN		7000KHz ~ 7066KHz wide pulse mode PXX OTHR ?	PM97	JARL
7033	66	2009	07	19	17:06	<1706-1806>	PXX				CHN		7000KHz ~ 7066KHz wide pulse mode PXX OTHR ?	PM97	JARL
7033	66	2009	07	20	08:10	<0810-1806>	PXX				CHN		7000KHz ~ 7066KHz wide pulse mode PXX OTHR ?	PM97	JARL
7033.2		2009	07	18	02:45	<0245-0248>	J3E/U				CLN		SINHALA SPEAKING OM-OM QSOs	MK82	ARSI
7034		2009	07	23	19:15	<1915-2040>	F1B	250					Encrypted	RF72LQ	NZART
7037	64	2009	07	02	18:06	<1806>	PXX				CHN		7004KHz ~ 7070KHz wide mode type PXX OTHR ?	PM97	JARL
7038.2		2009	07	05	00:38	<0038>	A1A				UKR	D	SINGLE LETTER BEACON	MK82	ARSI
7038.6		2009	07	22	22:24	<2224-2334>	A1A				UKR	D	RUS Beacon	OJ85	MARTS
7038.7		2009	07	09	16:55	<1655-2219>	A1A				UKR	D	RUS Beacon	OJ85	MARTS
7038.7		2009	07	18	22:39	<2239>	A1A				UKR	D	RUS Beacon, inaudible by 2346	OJ85	MARTS
7038.7		2009	07	24	23:11	<2311>	A1A				UKR	D	RUS Beacon	OJ85	MARTS
7038.8		2009	07	09	15:00	<1500-2153>	A1A				RUS	S	Beacon	OJ85	MARTS
7039		2009	07	01	10:06	<1006-1806>	A1A		314		RUS	K	Beacon	PM97	JARL
7039		2009	07	02	13:06	<1306-1706>	A1A		314		RUS	K	Beacon	PM97	JARL
7039	66	2009	07	02	17:08	<1708>	PXX				CHN		7006KHz ~ 7072KHz wide mode type PXX OTHR ?	PM97	JARL
7039		2009	07	03	11:06	<1106-1806>	A1A		314		RUS	K	Beacon	PM97	JARL
7039		2009	07	04	11:06	<1106-1904>	A1A		314		RUS	K	Beacon	PM97	JARL

kHz	BW	YYYY	MM	DD	GMT	Time	Emm	Bd	Sft	Hdg	ADM	ID	Description	Grid	Source
7039		2009	07	05	10:06	<1006-1706>	A1A			314	RUS	K	Beacon	PM97	JARL
7039		2009	07	06	12:06	<1206-1904>	A1A			314	RUS	K	Beacon	PM97	JARL
7039		2009	07	07	10:04	<1004-1904>	A1A			314	RUS	K	Beacon	PM97	JARL
7039		2009	07	08	11:06	<1106-1904>	A1A			314	RUS	K	Beacon	PM97	JARL
7039		2009	07	09	10:06	<1006-1806>	A1A			314	RUS	K	Beacon	PM97	JARL
7039		2009	07	10	10:06	<1006-1806>	A1A			314	RUS	K	Beacon	PM97	JARL
7039		2009	07	11	11:06	<1106-1806>	A1A			314	RUS	K	Beacon	PM97	JARL
7039		2009	07	12	10:06	<1006-1806>	A1A			314	RUS	K	Beacon	PM97	JARL
7039		2009	07	13	10:06	<1006-1806>	A1A			314	RUS	K	Beacon	PM97	JARL
7039		2009	07	30	19:04	<1904>	A1A			314	RUS	K	Beacon	PM97	JARL
7039		2009	07	DY	10:04	<0802-2204>	A1A			15	RUS	M	Beacon	PM97	JARL
7039		2009	07	DY	XX:XX	XXXX-XXXX	A1A				RUS	A	? Reported as 0000-2359	RF72LQ	NZART
7039.0		2009	07	DY	XX:XX	XXXX-XXXX	A1A				RUS	C	Moscow H.Q. Reported as 0000-2359	RF72LQ	NZART
7039.2		2009	07	09	16:55	<1655-1658>	A1A				RUS	M	Beacon	OJ85	MARTS
7039.3		2009	07	09	16:55	<1655-1658>	A1A				RUS	K	Beacon	OJ85	MARTS
7039.3		2009	07	DY	XX:XX	XXXX-XXXX	A1A				RUS	K	Petropavlovsk Kamchatskiy. Reported as 0000-2359	RF72LQ	NZART
7039.4		2009	07	18	10:37	<1037>	A1A				RUS	M	Magadan Russia	RF72IS	NZART
7039.4		2009	07	DY	XX:XX	XXXX-XXXX	A1A				RUS	M	Magadan. Reported as 0000-2359	RF72LQ	NZART
7039.7		2009	07	DY	XX:XX	XXXX-XXXX	A1A				UKR	D	Sevastopol. Reported as 0000-2359	RF72LQ	NZART
7039.9		2009	07	DY	XX:XX	XXXX-XXXX	A1A				RUS	S	Severomorsk. Reported as 0000-2359	RF72LQ	NZART
7050	50	2009	07	08	10:30	1030	PXX				CHN		RADAR, VERY STRONG	QG52XI	WIA
7050	100	2009	07	17	09:04	<0904-1025>	PXX				CHN			RF80hI	NZART
7050		2009	07	23	19:15	<1915-2045>	PXX				CHN		OTHR centred on 7050	RF72LQ	NZART
7051	66	2009	07	20	12:42	<1242-1306>	PXX				CHN		Reported as 7018KHz-7184KHz wide pulse mode PXX OTHR	PM97	JARL
7051	66	2009	07	31	17:10	<1710-1806>	PXX				CHN		Reported as 7018KHz-7184KHz wide pulse mode PXX OTHR	PM97	JARL
7054	5	2009	07	16	21:15	2115	F1D						SINGLE BROAD CARRIER, HIGH BAUD RATE	QG52XI	WIA
7054		2009	07	DY	19:00	<1900-2100>	F1B	250			RUS		Idling Sigs Only	RF72LQ	NZART
7055	110	2009	07	19	13:18	<1318-1522>	PXX				CHN			OJ85	MARTS
7055	66	2009	07	28	18:06	<1806>	PXX				CHN		7022KHz ~ 7088KHz wide pulse mode PXX OTHR ?	PM97	JARL
7055	66	2009	07	29	18:06	<1806>	PXX				CHN		7022KHz ~ 7088KHz wide pulse mode PXX OTHR ?	PM97	JARL
7057	66	2009	07	06	14:08	<1408>	PXX				CHN		7024KHz ~ 7090KHz wide pulse mode PXX OTHR ?	PM97	JARL
7057	66	2009	07	06	15:10	<1510>	PXX				CHN		7024KHz ~ 7090KHz wide pulse mode PXX OTHR ?	PM97	JARL
7057	66	2009	07	21	18:06	<1806-1904>	PXX				CHN		7024KHz ~ 7090KHz wide pulse mode PXX OTHR ?	PM97	JARL
7058		2009	07	16	19:30	<1930-2130>	N0N						Strong un-mod carrier	RF72LQ	NZART
7060	50	2009	07	08	19:30	<1930-2005>	PXX				CHN		O.T.H.R. 50K WIDE	RF72LQ	NZART
7060	120	2009	07	23	23:56	<2356-2359>	PXX				CHN			OJ85	MARTS
7060	120	2009	07	24	00:00	<0000-0051>	PXX				CHN			OJ85	MARTS
7061	60	2009	07	08	10:20	<1020-1250>	P0N				CHN		OTHR 43.1 pulses per second S7	RF72IS	NZART
7062		2009	07	DY	09:20	0920	A1A						4 LETTER CIPHER, ENGLISH CHARS, QTC LIST?	QG52XI	WIA
7063	66	2009	07	07	18:08	<1808>	PXX				CHN		7030KHz ~ 7096KHz wide pulse mode PXX OTHR ?	PM97	JARL
7067	66	2009	07	06	17:08	<1708>	PXX				CHN		7034KHz ~ 7100KHz wide pulse mode PXX OTHR ?	PM97	JARL
7067	66	2009	07	16	10:06	<1006>	PXX				CHN		7034KHz ~ 7100KHz wide pulse mode PXX OTHR ?	PM97	JARL
7069	66	2009	07	28	17:06	<1706>	PXX				CHN		7036KHz ~ 7102KHz wide pulse mode PXX OTHR ?	PM97	JARL
7069	66	2009	07	29	10:30	<1030>	PXX				CHN		7036KHz ~ 7102KHz wide pulse mode PXX OTHR ?	PM97	JARL
7069	66	2009	07	31	09:46	<0946-1004>	PXX				CHN		7036KHz ~ 7102KHz wide pulse mode PXX OTHR ?	PM97	JARL
7069		2009	07	DY	09:30	0930	A1A						NOT CIPHER BUT NON-ENGLISH CHAR, NIGHTLY	QG52XI	WIA

kHz	BW	YYYY	MM	DD	GMT	Time	Emm	Bd	Sft	Hdg	ADM	ID	Description	Grid	Source
7069.5		2009	07	14	1052	<1052-1117	F7D						3 channels, encrypted	RF72IS	NZART
7070	140	2009	07	19	22:10	<2210-2228	PXX				CHN			OJ85	MARTS
7075	50	2009	07	06	08:15	<0815>	PXX				CHN		O.T.H.R. 7075 - 50K WIDE	RF72LQ	NZART
7075	150	2009	07	09	22:37	<2237>	PXX				CHN			OJ85	MARTS
7075	150	2009	07	20	22:48	<2248-2359>	PXX				CHN			OJ85	MARTS
7075	150	2009	07	21	00:00	<0000-0020>	PXX				CHN			OJ85	MARTS
7075		2009	07	29	02:40	<0240-0243>	J3E/U				CLN		SINHALA SPEAKING OM-OM QSOs	MK82	ARSI
7077	3	2009	07	01	09:30	0930	X7D						>12 CARRIERS, 200 HZ APART	QG52XI	WIA
7078	3.3	2009	07	01	19:20	<1920>	G7B						Phase Mod. Multi-chnl 3.3k wide	RF72LQ	NZART
7078	3.3	2009	07	02	19:40	<1940-2100>	G7B						Phase Mod. Multi-chnl 3.3k wide	RF72LQ	NZART
7078	3.3	2009	07	03	20:00	<2000>	G7B						Phase Mod. Multi-chnl 3.3k wide	RF72LQ	NZART
7078	3.3	2009	07	04	20:00	<2000-2200>	G7B						Phase Mod. Multi-chnl 3.3k wide	RF72LQ	NZART
7080		2009	07	04	12:05	<1205-1233>	G7D						MFSK, 12 channels no pilot tone i.e. no standby tone	RF72IS	NZART
7080	40	2009	07	21	00:27	<0027>	PXX				CHN			OJ85	MARTS
7080.3	2.3	2009	07	04	12:05	<1205-1233>	F7D						12 ch + pilot tone	RF72IS	NZART
7080.5	139	2009	07	17	22:25	<2225-2245>	PXX				CHN		Faster pulse rate above 7011, gone by 2325	OJ85	MARTS
7080.5	139	2009	07	17	23:43	<2343-2355>	PXX				CHN		Faster pulse rate above 7011 returns, gone by 0017 next day	OJ85	MARTS
7080.7		2009	07	18	10:50	<1050-1125>	A1A						Carrier with CW figs, Ltrs, spaced at odd intervals in carrier	RF72IS	NZART
7080.7		2009	07	18	10:50	<1050-1125>	N0N						Carrier with CW figs, Ltrs, spaced at odd intervals in carrier	RF72IS	NZART
7087		2009	07	03	11:43	<1143-1411>	F1B	75	250				ENCRYPTED	RF72IS	NZART
7087.4		2009	07	03	11:43	<1143-1411>	F1D	75	240				Partial callsign O..K rcvd, reported as F1B	RF72IS	NZART
7088		2009	07	09	20:15	<2015-2115>	F1B		250				ENCRYPTED	RF72LQ	NZART
7088		2009	07	10	20:45	<2045>	F1B		250				ENCRYPTED	RF72LQ	NZART
7088.3		2009	07	09	21:23	<2123-2218>	F1D							OJ85	MARTS
7100		2009	07	27	02:30	<0230-0233>	J3E/U				CLN		SINHALA SPEAKING OM-OM QSOs	MK82	ARSI
7100		2009	07	DY	18:00	<1800-2000>	A3E				KRE	VoKorea	B.C. Stn. Pyongyang.	RF72LQ	NZART
7100		2009	07	DY	18:08	<1806-1906>	A3E			321	KRE	VoKorea	FRA/SPA/ENG Talk and Music	PM97	JARL
7105		2009	07	09	21:23	<2123-2200>	N0N							OJ85	MARTS
7105		2009	07	09	22:15	<2215-2343>	A3E						ZHO bcast, two stns, one QRX 5 min after top-of-hour	OJ85	MARTS
7105		2009	07	10	00:42	<0042-0158>	A3E						Too weak to hear modulation	OJ85	MARTS
7105		2009	07	10	14:45	<1445-1550>	A3E						two broadcast stations	OJ85	MARTS
7105		2009	07	12	21:45	<2145>	N0N						no modulation	PM97	JARL
7105		2009	07	17	22:00	<2200-2325>	A3E						two broadcast stations	OJ85	MARTS
7105		2009	07	18	11:28	<1128-1500>	A3E						broadcast station	OJ85	MARTS
7105		2009	07	18	22:14	<2214>	A3E			214	TWN	R.Taiwan Intl	ZHO Talk and Music	PM97	JARL
7105		2009	07	18	22:39	<2239-2347>	A3E						two ZHO broadcast stations	OJ85	MARTS
7105		2009	07	19	13:18	<1318-1522>	A3E						Broadcast station	OJ85	MARTS
7105		2009	07	19	22:10	<2210-2340>	A3E						two ZHO broadcast stations	OJ85	MARTS
7105		2009	07	22	22:25	<2225>	A3E						Two ZHO broadcast stations, gone by 2332	OJ85	MARTS
7105		2009	07	23	00:07	<0007-0221>	A3E						Broadcast station, too weak to copy modulation	OJ85	MARTS
7105		2009	07	31	22:10	<2210>	A3E			214	TWN	R.Taiwan Intl	ZHO Talk and Music	PM97	JARL
7105		2009	07	DY	10:08	<2155-1605	A3E			273	CHN	PBS Nei Menggu	ZHO Talk and Music	PM97	JARL
7105		2009	07	DY	22:00	2200-2300	A3E			214	TWN	SoH	ZHO Talk and Music	PM97	JARL
7110		2009	07	10	14:45	<1445-1550>	A3E						Broadcast station	OJ85	MARTS
7110		2009	07	18	11:28	<1128-1500>	A3E						broadcast station	OJ85	MARTS
7110		2009	07	19	13:18	<1318-1522>	A3E						Broadcast station	OJ85	MARTS

kHz	BW	YYYY	MM	DD	GMT	Time	Emm	Bd	Sft	Hdg	ADM	ID	Description	Grid	Source
7115		2009	07	17	22:00	<2200-2245>	A3E						Broadcast station	OJ85	MARTS
7115		2009	07	19	13:18	<1318-1522>	A3E						Broadcast station	OJ85	MARTS
7115		2009	07	22	22:26	<2226>	A3E						ZHO? broadcast station, gone by 2332	OJ85	MARTS
7115		2009	07	30	09:17	0917	J3E/U						ORIENTAL LANGUAGE, FISHBOATS, ENGINE NOISE	QG52XI	WIA
7116.7		2009	07	05	02:20	<0220-0226>	J3E/U				CLN		SINHALA SPEAKING OM-OM QSOs	MK82	ARSI
7125		2009	07	22	22:26	<2226>	A3E						Broadcast station, gone by 2332	OJ85	MARTS
7128		2009	07	07	11:25	1125	A1A						CIPHER GROUPS, FULL BREAK IN	QG52XI	WIA
7130		2009	07	10	14:45	<1445-1550>	A3E						ZHO broadcast station	OJ85	MARTS
7130		2009	07	18	22:39	<2239-2347>	A3E						two broadcast stations	OJ85	MARTS
7130		2009	07	23	12:08	<1208-1334>	A3E						unkown Talk and Music	PM97	JARL
7130		2009	07	24	10:06	<1006-1340>	A3E						unkown Talk and Music	PM97	JARL
7130		2009	07	25	11:08	<1108-1308>	A3E						unkown Talk and Music	PM97	JARL
7130		2009	07	26	11:14	<1114-1308>	A3E						unkown Talk and Music	PM97	JARL
7130		2009	07	27	10:34	<0936-1208>	A3E			226	MLA	RTM Sarawak FM	MSA Talk and Music	PM97	JARL
7130		2009	07	27	10:35	<1035-1040>	J3E/L				CLN		SINHALA SPEAKING OM-OM QSOs	MK82	ARSI
7130		2009	07	28	09:46	<0946-1310>	A3E			226	MLA	RTM Sarawak FM	MSA Talk and Music	PM97	JARL
7130		2009	07	29	09:38	<0938-1308>	A3E			226	MLA	RTM Sarawak FM	MSA Talk and Music	PM97	JARL
7130		2009	07	30	09:40	<0940-1308>	A3E			226	MLA	RTM Sarawak FM	MSA Talk and Music	PM97	JARL
7130		2009	07	31	09:48	<0948-1306>	A3E			226	MLA	RTM Sarawak FM	MSA Talk and Music	PM97	JARL
7130	60	2009	07	DY	00:00	<0000-2359>	A3E				MLA	RTM Sarawak FM	MSA bcst stn, up to 60 kc splatter, daily 2009-07-09-29	OJ85	MARTS
7130		2009	07	DY	13:55	1355-1800	A3E				CHN		ZHO Talk and Music 7185KHz same Program	PM97	JARL
7140		2009	07	10	00:42	<0042-0140>	A3E				KRE	VoKorea	ZHO music	OJ85	MARTS
7140		2009	07	18	11:28	<1128>	A3E						ZHO broadcast station, gone by 1504	OJ85	MARTS
7140		2009	07	20	00:23	<0023>	A3E						Broadcast station	OJ85	MARTS
7140		2009	07	22	22:26	<2226>	A3E						Broadcast station, too weak to copy mod, gone by 2332	OJ85	MARTS
7140		2009	07	23	00:07	<0007-0221>	A3E						Broadcast station	OJ85	MARTS
7140		2009	07	DY	01:12	<0112-1332>	A3E			321	KRE	VoKorea	ZHO/KOR/ENG Talk and Music	PM97	JARL
7145		2009	07	13	13:12	<1312>	A3E			237	LAO	Lao National R	LAO? Talk and Music	PM97	JARL
7145		2009	07	15	12:54	<1254-1306>	A3E			237	LAO	Lao National R	LAO? Talk and Music	PM97	JARL
7145		2009	07	16	12:55	<1255-1330>	A3E			237	LAO	Lao National R	LAO? Talk and Music	PM97	JARL
7145		2009	07	17	12:54	<1254-1334>	A3E			237	LAO	Lao National R	LAO? Talk and Music	PM97	JARL
7145		2009	07	17	22:00	<2200-2359>	A3E						Broadcast station	OJ85	MARTS
7145		2009	07	18	00:00	<0000-0021>	A3E						Broadcast station	OJ85	MARTS
7145		2009	07	18	11:28	<1128-1500>	A3E						broadcast station	OJ85	MARTS
7145		2009	07	18	22:39	<2239-2347>	A3E						two broadcast stations	OJ85	MARTS
7145		2009	07	19	13:08	<1308>	A3E			237	LAO	Lao National R	LAO? Talk and Music	PM97	JARL
7145		2009	07	19	13:18	<1318-1522>	A3E						Broadcast station	OJ85	MARTS
7145		2009	07	19	22:10	<2210-2359>	A3E						Broadcast station	OJ85	MARTS
7145		2009	07	20	00:00	<0000-0023>	A3E						Broadcast station	OJ85	MARTS
7145		2009	07	20	12:48	<1248-1336>	A3E			237	LAO	Lao National R	LAO? Talk and Music	PM97	JARL
7145		2009	07	21	12:52	<1252-1334>	A3E			237	LAO	Lao National R	LAO? Talk and Music	PM97	JARL
7145		2009	07	22	12:54	<1254-1334>	A3E			237	LAO	Lao National R	LAO? Talk and Music	PM97	JARL
7145		2009	07	22	22:27	<2227-2359>	A3E						Broadcast station	OJ85	MARTS
7145		2009	07	23	00:00	<0000-0022>	A3E						Broadcast station, gone by 0039	OJ85	MARTS
7145		2009	07	23	12:52	<1252-1338>	A3E			237	LAO	Lao National R	LAO? Talk and Music	PM97	JARL
7145		2009	07	24	12:52	<1252-1334>	A3E			237	LAO	Lao National R	LAO? Talk and Music	PM97	JARL

kHz	BW	YYYY	MM	DD	GMT	Time	Emm	Bd	Sft	Hdg	ADM	ID	Description	Grid	Source
7145		2009	07	25	12:56	<1256-1310>	A3E			237	LAO	Lao National R	LAO? Talk and Music	PM97	JARL
7145		2009	07	26	11:56	<1156-1310>	A3E			237	LAO	Lao National R	LAO? Talk and Music	PM97	JARL
7145		2009	07	27	12:56	<1256>	A3E			237	LAO	Lao National R	LAO? Talk and Music	PM97	JARL
7145		2009	07	28	12:52	<1252-1308>	A3E			237	LAO	Lao National R	LAO? Talk and Music	PM97	JARL
7145		2009	07	29	12:54	<1254-1310>	A3E			237	LAO	Lao National R	LAO? Talk and Music	PM97	JARL
7145		2009	07	30	12:54	<1254-1310>	A3E			237	LAO	Lao National R	LAO? Talk and Music	PM97	JARL
7145		2009	07	31	12:54	<1254-1308>	A3E			237	LAO	Lao National R	LAO? Talk and Music	PM97	JARL
7150	6	2009	07	07	13:12	<1312>	XXX						Moter Boat Type JM	PM97	JARL
7150		2009	07	18	00:21	<0021-0030>	A3E						Broadcast station	OJ85	MARTS
7150		2009	07	23	00:39	<0039>	A3E						Broadcast station	OJ85	MARTS
7151	6	2009	07	09	18:12	<1812>	XXX						Moter Boat Type JM	PM97	JARL
7153.9		2009	07	02	13:03	<1303>	J3E/U				CLN		SINHALA SPEAKING OM-OM QSOs	MK82	ARSI
7155	66	2009	07	29	17:10		PXX						7022KHz ~ 7088KHz wide pulse mode PXX OTHR ?	PM97	JARL
7165		2009	07	02	17:14	<1714>	A3E						unkown ARA? Talk and Music	PM97	JARL
7165		2009	07	03	16:10	<1610>	A3E						unkown ARA? Talk and Music	PM97	JARL
7165		2009	07	04	16:10	<1610>	A3E						unkown ARA? Talk and Music	PM97	JARL
7165		2009	07	05	15:10	<1510>	A3E						unkown ARA? Talk and Music	PM97	JARL
7165		2009	07	06	15:12	<1512>	A3E						unkown ARA? Talk and Music	PM97	JARL
7165		2009	07	10	14:45	<1445-1550>	A3E						Broadcast station	OJ85	MARTS
7165		2009	07	11	15:10	<1510-1610>	A3E						unkown ARA? Talk and Music	PM97	JARL
7165		2009	07	12	16:10	<1610>	A3E						unkown ARA? Talk and Music	PM97	JARL
7165		2009	07	13	16:10	<1610>	A3E						unkown ARA? Talk and Music	PM97	JARL
7165	6	2009	07	17	17:06	<1706>	XXX						Moter Boat Type JM	PM97	JARL
7165		2009	07	18	15:00	<1500>	A3E						broadcast station	OJ85	MARTS
7165		2009	07	19	13:18	<1318-1522>	A3E						Broadcast station	OJ85	MARTS
7165		2009	07	25	17:10	<1710>	A3E						unkown ARA? Talk and Music	PM97	JARL
7165		2009	07	26	17:10	<1710>	A3E						unkown ARA? Talk and Music	PM97	JARL
7165		2009	07	27	17:10	<1710>	A3E						unkown ARA? Talk and Music	PM97	JARL
7165		2009	07	28	17:08	<1708>	A3E						unkown ARA? Talk and Music	PM97	JARL
7165		2009	07	29	17:12	<1712>	A3E						unkown ARA? Talk and Music	PM97	JARL
7165		2009	07	30	16:08	<1608-1606>	A3E						unkown ARA? Talk and Music	PM97	JARL
7165		2009	07	31	14:06	<1406-1708>	A3E						unkown ARA? Talk and Music	PM97	JARL
7171	6	2009	07	01	11:10	<1110-1410>	XXX						Moter Boat Type JM	PM97	JARL
7172	6	2009	07	10	14:10	<1410>	XXX						Moter Boat Type JM	PM97	JARL
7175		2009	07	18	15:00	<1500>	A3E						broadcast station	OJ85	MARTS
7175		2009	07	19	13:18	<1318-1522>	A3E						Broadcast station	OJ85	MARTS
7180		2009	07	09	21:23	<2123-2359>	A3E				KRE	VoKorea	ZHO/KOR broadcast station	OJ85	MARTS
7180		2009	07	10	00:00	<0000-0043>	A3E				KRE	VoKorea	ZHO/KOR broadcast station, no longer there at 0058	OJ85	MARTS
7180		2009	07	17	22:00	<2200-2342>	A3E						ZHO broadcast station, gone by 0022 2009-07-18	OJ85	MARTS
7180		2009	07	18	22:39	<2239-2347>	A3E						ZHO broadcast station	OJ85	MARTS
7180		2009	07	19	22:10	<2210-2340>	A3E						ZHO broadcast station, gone by 0022 2009-07-20	OJ85	MARTS
7180		2009	07	22	22:27	<2227-2332>	A3E						Broadcast station, gone by 2009-7-23 0004	OJ85	MARTS
7180		2009	07	DY	21:36	<2136-2340>	A3E		321		KRE	VoKorea	ZHO/KOR Talk and Music	PM97	JARL
7185		2009	07	01	09:50	<0950-1000	N0N						no modulation	PM97	JARL
7185		2009	07	07	09:40	<0940-1000	N0N						no modulation	PM97	JARL
7185		2009	07	09	09:49	<0949-1000	N0N						no modulation	PM97	JARL

kHz	BW	YYYY	MM	DD	GMT	Time	Emm	Bd	Sft	Hdg	ADM	ID	Description	Grid	Source
7185		2009	07	10	09:52	<0952-1000	N0N						no modulation	PM97	JARL
7185		2009	07	10	14:45	<1445-1550>	A3E				CHN		ZHO broadcast stn, one ID "China something Radio"	OJ85	MARTS
7185		2009	07	10	14:45	<1445-1550>	A3E				CHN		ZHO broadcast stn, one ID "China something Radio"	OJ85	MARTS
7185		2009	07	12	09:52	<0952-1000	N0N						no modulation	PM97	JARL
7185		2009	07	13	09:50	<0950-1000	N0N						no modulation	PM97	JARL
7185		2009	07	14	09:51	<0951-1000	N0N						no modulation	PM97	JARL
7185		2009	07	15	09:55	<0955-1000	N0N						no modulation	PM97	JARL
7185		2009	07	16	09:51	<0951-1000	N0N						no modulation	PM97	JARL
7185		2009	07	17	09:50	<0950-1000	N0N						no modulation	PM97	JARL
7185		2009	07	18	09:52	<0952-1000	N0N						no modulation	PM97	JARL
7185		2009	07	18	11:28	<1128-1503>	A3E						two ZHO broadcast stations	OJ85	MARTS
7185		2009	07	19	09:51	<0951-1000	N0N						no modulation	PM97	JARL
7185		2009	07	19	13:18	<1318-1522>	A3E						Broadcast station	OJ85	MARTS
7185		2009	07	20	09:51	<0951-1000	N0N						no modulation	PM97	JARL
7185		2009	07	21	09:50	<0950-1000	N0N						no modulation	PM97	JARL
7185		2009	07	22	09:50	<0950-1000	N0N						no modulation	PM97	JARL
7185		2009	07	23	00:00	<0000>	A3E						Broadcast station, gone by 0006	OJ85	MARTS
7185		2009	07	23	09:52	<0952-1000	N0N						no modulation	PM97	JARL
7185		2009	07	24	09:50	<0950-1000	N0N						no modulation	PM97	JARL
7185		2009	07	25	09:51	<0951-1000	N0N						no modulation	PM97	JARL
7185		2009	07	26	09:50	<0950-1000	N0N						no modulation	PM97	JARL
7185		2009	07	27	09:52	<0952-1000	N0N						no modulation	PM97	JARL
7185		2009	07	28	09:50	<0950-1000	N0N						no modulation	PM97	JARL
7185		2009	07	29	09:47	<0947-1000	N0N						no modulation	PM97	JARL
7185		2009	07	30	09:50	<0950-1000	N0N						no modulation	PM97	JARL
7185		2009	07	31	09:55	<0955-1000	N0N						no modulation	PM97	JARL
7185		2009	07	DY	10:00	1000-1700	A3E				CHN		ZHO Talk and Music	PM97	JARL
7185		2009	07	DY	10:00	1000-1700	A3E	214			TWN	R.Taiwan Intl	ZHO Talk and Music	PM97	JARL
7190		2009	07	23	00:23	<0023-0040>	A3E						Broadcast station	OJ85	MARTS
7196.5	7	2009	07	22	22:28	<2228-2255>	A3E				CHN		7205 splatter, ZHO "China something Radio" echo, gone by 2332	OJ85	MARTS
7200		2009	07	01	17:14	<1714>	A3E						unkown ARA? Talk and Music	PM97	JARL
7200	6	2009	07	02	15:14	<1514-1614>	XXX						whaite noise type JM	PM97	JARL
7200		2009	07	02	17:16	<1716>	A3E						unkown ARA? Talk and Music	PM97	JARL
7200	6	2009	07	03	16:16	<1616-1708>	XXX						whaite noise type JM	PM97	JARL
7200	6	2009	07	04	15:14	<1514-1616>	XXX						whaite noise type JM	PM97	JARL
7200		2009	07	04	17:12	<1712>	A3E						unkown ARA? Talk and Music	PM97	JARL
7200	6	2009	07	05	15:16	<1516-1614>	XXX						whaite noise type JM	PM97	JARL
7200		2009	07	05	17:14	<1714>	A3E						unkown ARA? Talk and Music	PM97	JARL
7200	6	2009	07	06	16:14	<1614>	XXX						whaite noise type JM	PM97	JARL
7200		2009	07	06	17:14	<1714>	A3E						unkown ARA? Talk and Music	PM97	JARL
7200		2009	07	07	17:12	<1712>	A3E						unkown ARA? Talk and Music	PM97	JARL
7200		2009	07	09	17:12	<1712>	A3E						unkown ARA? Talk and Music	PM97	JARL
7200		2009	07	10	00:42	<0042-0059>	A3E						Broadcast station	OJ85	MARTS
7200	6	2009	07	13	16:16	<1616>	XXX						whaite noise type JM	PM97	JARL
7200		2009	07	14	15:12	<1512-1710>	A3E						unkown ARA? Talk and Music	PM97	JARL
7200		2009	07	15	15:12	<1512-1710>	A3E						unkown ARA? Talk and Music	PM97	JARL

kHz	BW	YYYY	MM	DD	GMT	Time	Emm	Bd	Sft	Hdg	ADM	ID	Description	Grid	Source
7200	6	2009	07	15	16:12	<1612>	XXX						whaite noise type JM	PM97	JARL
7200		2009	07	16	15:10	<1510>	A3E						unkown ARA? Talk and Music	PM97	JARL
7200		2009	07	18	14:12	<1412-1710>	A3E						unkown ARA? Talk and Music	PM97	JARL
7200		2009	07	18	22:39	<2239-2347>	A3E						two ZHO broadcast stations	OJ85	MARTS
7200		2009	07	19	13:18	<1318-1522>	A3E						Broadcast station	OJ85	MARTS
7200		2009	07	19	17:12	<1712>	A3E						unkown ARA? Talk and Music	PM97	JARL
7200		2009	07	19	22:10	<2210-2359>	A3E						Two ZHO bcst stations, one ID "China something Radio"	OJ85	MARTS
7200		2009	07	20	00:00	<0000-0021>	A3E						Two ZHO bcst stations, one ID "China something Radio"	OJ85	MARTS
7200		2009	07	20	17:12	<1712>	A3E						unkown ARA? Talk and Music	PM97	JARL
7200		2009	07	23	00:23	<0023-0222>	A3E						Broadcast station, first heard NON, mod by 0040	OJ85	MARTS
7200		2009	07	23	17:10	<1710>	A3E						unkown ARA? Talk and Music	PM97	JARL
7200		2009	07	25	17:12	<1712>	A3E						unkown ARA? Talk and Music	PM97	JARL
7200		2009	07	26	16:12	<1612>	A3E						unkown ARA? Talk and Music	PM97	JARL
7200		2009	07	27	16:12	<1612>	A3E						unkown ARA? Talk and Music	PM97	JARL
7200		2009	07	28	17:10	<1710>	A3E						unkown ARA? Talk and Music	PM97	JARL
7200		2009	07	29	16:12	<1612>	A3E						unkown ARA? Talk and Music	PM97	JARL
7200		2009	07	30	16:14	<1614>	A3E						unkown ARA? Talk and Music	PM97	JARL
7200		2009	07	31	17:58	<1758>	A3E						unkown ARA? Talk and Music	PM97	JARL
7200		2009	07	DY	10:12	<0932-1908>	A3E			352	RUS	NVK R.Sakha	RUS Talk and Music	PM97	JARL
10101		2009	07	18	05:35	<0535-0541>	J3E/U						SINHALA SPEAKING OM-OM QSOs	MK82	ARSI
13999.8		2009	07	20	23:40	2340>	J3E/L			315	CLN		Group of males go LSB to get away fom others	OF84wx	WIA
14000		2009	07	02	23:38	2338>	J3E/U			315	CLN		group of males	OF84wx	WIA
14000		2009	07	07	00:25	0025-0100	J3E/U			315	CLN		group of males work from boats	OF84wx	WIA
14000		2009	07	11	00:00	0000-0025	J3E/L			315	CLN		Group of males, work from boats	OF84wx	WIA
14000		2009	07	11	02:43	<0243-0246>	J3E/U						SINHALA SPEAKING OM-OM QSOs	MK82	ARSI
14000		2009	07	15	00:30	0030>	J3E/U			315	CLN		Group of males, work from boats	OF84wx	WIA
14000		2009	07	17	07:30	0730-0800	J3E/U			315	CLN		Group og males	OF84wx	WIA
14000		2009	07	17	23:20	2320-0055	J3E/U			315	CLN		Group of males	OF84wx	WIA
14000		2009	07	18	23:22	2322-0113	J3E/U			315	CLN		Group of males work from boats	OF84wx	WIA
14000		2009	07	20	07:25	0725>	J3E/U			315	CLN		Group of males. Reported as on 1400.	OF84wx	WIA
14000		2009	07	20	23:30	2330-0040	J3E/U			315	CLN		Group of males	OF84wx	WIA
14000		2009	07	21	08:30	0830-0905	J3E/U			315	CLN		Group of males	OF84wx	WIA
14000		2009	07	21	23:30	2330-0140	J3E/U			315	CLN		Group of males	OF84wx	WIA
14000		2009	07	22	07:10	0710-0928	J3E/U			315	CLN		Group of males, work from boats	OF84wx	WIA
14000		2009	07	22	23:10	2310-0045	J3E/U			315	CLN		Group of males	OF84wx	WIA
14000	6	2009	07	26	00:32	<0034-0511>	PXX			295			OTHR S6	RF73MF	NZART
14000	6	2009	07	26	05:11	<0511>	PXX						OTHR S7	RF73MF	NZART
14000		2009	07	31	07:50	0750	J3E/U						ORIENTAL LANGUAGE, FISHBOATS, ENGINE NOISE	QG52XI	WIA
14000		2009	07	31	23:15	2315	J3E/U						ORIENTAL LANGUAGE, FISHBOATS, ENGINE NOISE	QG52XI	WIA
14001	5	2009	07	14	08:00	0800	X7D						>8 CARRIERS 250 HZ APART	QG52XI	WIA
14001.2		2009	07	10	11:20	<1120-23>	J3E/U						SINHALA SPEAKING OM-OM QSOs	MK82	ARSI
14001.4		2009	07	02	09:00	0900>	J3E/U			315	CLN		Group of males	OF84wx	WIA
14001.5		2009	07	18	10:45	<1045-1048>	J3E/U						SINHALA SPEAKING OM-OM QSOs	MK82	ARSI
14002.5		2009	07	20	00:08	0008>	J3E/U			315	CLN		2 males	OF84wx	WIA
14003		2009	07	20	23:40	2340>	J3E/U			315	CLN		group of males	OF84wx	WIA
14003.2		2009	07	04	00:25	0025-0055	J3E/U			315	CLN		2 males	OF84wx	WIA

kHz	BW	YYYY	MM	DD	GMT	Time	Emm	Bd	Sft	Hdg	ADM	ID	Description	Grid	Source
14004	5	2009	07	17	08:13	0813	G7D						>40 CARRIERS, 50 HZ APART	QG52XI	WIA
14004.3		2009	07	09	06:50	<0650-0656>	J3E/U				CLN		SINHALA SPEAKING OM-OM QSOs	MK82	ARSI
14004.5		2009	07	16	00:45	0045>	J3E/U			360	INS		2 males	OF84wx	WIA
14005.3		2009	07	10	06:40	<0640-0646>	J3E/U				CLN		SINHALA SPEAKING OM-OM QSOs	MK82	ARSI
14007.7		2009	07	07	03:54	<0354-0403>	F1D			330				RF80hl	NZART
14008	1	2009	07	08	09:40	0940	F1B						RTTY	QG52XI	WIA
14009.3		2009	07	21	08:30	0830>	J3E/L			360			2 males. Chinese	OF84wx	WIA
14009.5		2009	07	07	08:40	0840>	J3E/L			315	CLN		Group of males	OF84wx	WIA
14009.5		2009	07	07	08:40	0840>	J3E/L			315	CLN		Group of males	OF84wx	WIA
14009.5		2009	07	08	08:32	0832-0900	J3E/L			315	CLN		male-female	OF84wx	WIA
14009.5		2009	07	09	08:35	0835-0855	J3E/L			360			Male-female, Chinese	OF84wx	WIA
14009.6		2009	07	17	08:50	<0850-0945>	J3E/L			330			Asian	RF80hl	NZART
14009.7		2009	07	17	08:30	0830	J3E/L						ZHO	QG52XI	WIA
14009.7		2009	07	20	08:30	0830	J3E/L						ORIENTAL, NOT CHINESE	QG52XI	WIA
14009.8		2009	07	13	00:00	0000-0054	J3E/U			360	INS		group of males. Reported as on 1409.8	OF84wx	WIA
14009.8		2009	07	13	23:40	2340-0015	J3E/U			360	INS		group of males. Reported as on 1409.8	OF84wx	WIA
14009.8		2009	07	30	09:15	0915	J3E/L						ORIENTAL LANGUAGE	QG52XI	WIA
14010		2009	07	28	08:30	0830	J3E/L						PROBABLY CHINESE SPEAKING	QG52XI	WIA
14010		2009	07	DY	00:00	<0000-0201>	A3E				KRE	VoKorea	Broadcast station, daily 2009-07-09~2009-07-29	OJ85	MARTS
14010		2009	07	DY	23:56	<2356-2359>	A3E				KRE	VoKorea	Broadcast station, daily 2009-07-09~2009-07-29	OJ85	MARTS
14010.7		2009	07	09	00:40	0040>	J3E/L			360	INS		2 males work from boats, Indonesians	OF84wx	WIA
14011		2009	07	17	07:55	0755-0807	J3E/L			360	INS		2 males	OF84wx	WIA
14011		2009	07	31	22:25	2225	J3E/L				INS		INDO	QG52XI	WIA
14011.1		2009	07	28	00:30	<0030>	J3E/U						ZHO dialect two males	OJ85	MARTS
14014		2009	07	09	06:55	<0655-0700>	J3E/U				CLN		SINHALA SPEAKING OM-OM QSOs	MK82	ARSI
14014		2009	07	14	04:00	<0400-0405>	J3E/U				CLN		SINHALA SPEAKING OM-OM QSOs	MK82	ARSI
14014		2009	07	15	02:28	<0228-0235>	J3E/U				CLN		SINHALA SPEAKING OM-OM QSOs	MK82	ARSI
14014		2009	07	15	12:15	<1215-1220>	J3E/U				CLN		SINHALA SPEAKING OM-OM QSOs	MK82	ARSI
14014		2009	07	15	14:35	<1435-1440>	J3E/U				CLN		SINHALA SPEAKING OM-OM QSOs	MK82	ARSI
14015		2009	07	11	02:50	<0250-0252>	J3E/U				CLN		SINHALA SPEAKING OM-OM QSOs	MK82	ARSI
14015		2009	07	17	11:35	<1135-1140>	J3E/U				CLN		SINHALA SPEAKING OM-OM QSOs	MK82	ARSI
14015.8		2009	07	11	06:00	0600	A1A				CHN	BWPC	5 LETTER CIPHER,MANY NON-ENGLISH CHAR, WKG 1WXE	QG52XI	WIA
14016		2009	07	14	02:55	<0255-0259>	J3E/U				CLN		SINHALA SPEAKING OM-OM QSOs	MK82	ARSI
14016		2009	07	30	02:28	<0228-0339>	J3E/U				CLN		SINHALA SPEAKING OM-OM QSO DISCUSSING OIL FILTERS	MK82	ARSI
14016.4		2009	07	14	03:26	<0326>	J3E/U				CLN		SINHALA SPEAKING OM-OM QSOs	MK82	ARSI
14019.5		2009	07	24	03:45	<0345-0702>	J3E/U						Several males, asian, off & on	OJ85	MARTS
14019.5		2009	07	25	01:05	<0105>	J3E/U						Fishermen?	OJ85	MARTS
14019.5		2009	07	31	23:38	2338-2359	J3E/U			315	CLN		2 males	OF84wx	WIA
14019.8		2009	07	14	07:11	0711>	J3E/U			315	CLN		Group of males	OF84wx	WIA
14020.1		2009	07	04	03:32	<0332-0338>	J3E/U				CLN		SINHALA SPEAKING OM-OM QSOs	MK82	ARSI
14020.1		2009	07	17	10:23	<1023-1026>	J3E/U				CLN		SINHALA SPEAKING OM-OM QSOs	MK82	ARSI
14022		2009	07	31	07:50	0750	J3E/U						ORIENTAL LANGUAGE, FISHBOATS, ENGINE NOISE	QG52XI	WIA
14023.6		2009	07	19	07:55	0755>	J3E/L			315	CLN		2 males	OF84wx	WIA
14023.6		2009	07	22	07:42	0742>	J3E/L			360			Group of males	OF84wx	WIA
14023.8		2009	07	19	07:40	0740	J3E/U						ZHO FISHBOATS	QG52XI	WIA
14024.1		2009	07	09	12:13	<1213-1216>	J3E/U				CLN		SINHALA SPEAKING OM-OM QSOs	MK82	ARSI

kHz	BW	YYYY	MM	DD	GMT	Time	Emm	Bd	Sft	Hdg	ADM	ID	Description	Grid	Source
14025	5	2009	07	28	07:35	0735	G7D						>40 CARRIERS 50 HZ SPACING	QG52XI	WIA
14025		2009	07	28	07:40	<0740>	G7B						16 channel. Phase Mod.	RF72LQ	NZART
14028.9		2009	07	30	08:15	0815	J3E/U						ORIENTAL LANGUAGE, PROBABLY CHINESE	QG52XI	WIA
14030		2009	07	17	03:30	<0330-0337>	J3E/U				CLN		SINHALA SPEAKING OM-OM QSOs	MK82	ARSI
14032.1		2009	07	02	11:35	<1135-1138>	J3E/U						CHINESE SPEAKING OM-OM QSOs	MK82	ARSI
14040		2009	07	11	00:32	0032-0045	J3E/L		315		CLN		2 males	OF84wx	WIA
14040		2009	07	31	23:15	2315	A3E						SW BROADCASTER	QG52XI	WIA
14040		2009	07	DY	23:00	2300-2359	A3E				PHL	VoAmerica	MSA broadcast station, daily 2009-07-09~2009-07-29	OJ85	MARTS
14041	3	2009	07	08	09:45	0945	X7D						5 CARRIERS, 250 HZ SPACING	QG52XI	WIA
14042.5		2009	07	14	10:15	1015	J3E/U						ORIENTAL	QG52XI	WIA
14044		2009	07	28	00:36	<0036>	F1D						Short xmsns starting with flags	OJ85	MARTS
14050	50	2009	07	06	02:00	0200	PXX				GCA		RADAR, VERY STRONG	QG52XI	WIA
14050	25	2009	07	14	09:00	0900	PXX				GCA		OTHR	QG52XI	WIA
14050		2009	07	16	08:30	0830>	J3E/U			360	INS		Group of males	OF84wx	WIA
14050		2009	07	19	08:00	0800	J3E/U						ORIENTAL, NOT CHINESE	QG52XI	WIA
14050.8		2009	07	05	00:12	0012>	J3E/U			360			Male-female. Chinese	OF84wx	WIA
14052	3	2009	07	28	07:40	0740	X7D						8 CARRIERS 250 HZ SPACING	QG52XI	WIA
14053	1.2	2009	07	11	07:20	0720	G7D						4 PSK SIGNALS 250 HZ APART	QG52XI	WIA
14053.5	10	2009	07	26	05:24	<0524>	PXX			240			OTHR S7, also from 030.	RF73MF	NZART
14054		2009	07	25	22:48	<2248>	PXX						OTHR	RF73MF	NZART
14055	8	2009	07	25	22:56	<2056>	PXX						OTHR	RF73MF	NZART
14056		2009	07	15	09:30	0930	A1A						5 LETTER CIPHER,MANY NON-ENGLISH CHAR	QG52XI	WIA
14056.2		2009	07	14	08:00	0800	J3E/U						ZHO FAMILY NET	QG52XI	WIA
14056.4		2009	07	03	08:05	0805>	J3E/U			360			Male-female, Chinese	OF84wx	WIA
14056.4		2009	07	30	08:05	0805	J3E/U						ORIENTAL LANGUAGE	QG52XI	WIA
14057		2009	07	29	02:38	<0238-0242>	J3E/U				CLN		SINHALA SPEAKING OM-OM QSOs	MK82	ARSI
14058.7	5	2009	07	20	08:20	0820	X7D						>12 CARRIERS, 200 HZ SPACING BROAD, VERY STRONG	QG52XI	WIA
14064.9		2009	07	30	08:10	0810	J3E/U						ORIENTAL LANGUAGE	QG52XI	WIA
14065		2009	07	01	00:00	0000-0030	A3E		360	PHL	VoAmerica		Re/broadcast of Indonesian news service	OF84wx	WIA
14065		2009	07	02	00:00	0000-0030	A3E		360	PHL	VoAmerica		Re/broadcast of Indonesian news service	OF84wx	WIA
14065		2009	07	03	00:00	0000-0030	A3E		360	PHL	VoAmerica		Re/broadcast of Indonesian news service	OF84wx	WIA
14065		2009	07	04	00:00	0000-0030	A3E		360	PHL	VoAmerica		Re/broadfcast of Indonesian news service	OF84wx	WIA
14065		2009	07	05	00:00	0000-0030	A3E		360	PHL	VoAmerica		Re/broadcast of Indonesian news service	OF84wx	WIA
14065		2009	07	06	00:00	0000-0030	A3E		360	PHL	VoAmerica		Re/broadcast of Indonesian news service	OF84wx	WIA
14065		2009	07	07	00:00	0000-0030	A3E		360	PHL	VoAmerica		Re/broadcast of Indonesian news service	OF84wx	WIA
14065		2009	07	08	00:00	0000-0030	A3E		360	PHL	VoAmerica		Re/broadcast of Indonesian news service	OF84wx	WIA
14065		2009	07	08	00:54	0054_0056	J3E/U		360	INS			Male-gemale, Indonesian	OF84wx	WIA
14065		2009	07	08	07:30	0730	J3E/U						ORIENTAL, FAMILY NET	QG52XI	WIA
14065		2009	07	09	00:00	0000-0030	A3E		360	PHL	VoAmerica		Re/broadcast of Indonesian news service	OF84wx	WIA
14065		209	07	10	00:00	0000-0030	A3E		360	PHL	VoAmerica		Re/broadcast of Indonesian news service	OF84wx	WIA
14065		2009	07	11	00:00	0000-0030	A3E		360	PHL	VoAmerica		Re/broadcast of Indonesian news service	OF84wx	WIA
14065		2009	07	12	00:00	0000-0030	A3E		360	PHL	VoAmerica		Re/broadcast of Indonesian news service	OF84wx	WIA
14065		2009	07	13	00:00	0000-0031	A3E		360	PHL	VoAmerica		Re/broadcast of Indonesian news service	OF84wx	WIA
14065		2009	07	14	00:00	0000-0030	A3E		360	PHL	VoAmerica		Re/broadcast of Indonesian news service	OF84wx	WIA
14065		2009	07	15	00:00	0000-0030	A3E		360	PHL	VoAmerica		Re/broadcast of Indonesian news service	OF84wx	WIA
14065		2009	07	16	00:00	0000-0030	A3E		360	PHL	VoAmerica		Re/broadcast of Indonesian news service	OF84wx	WIA

kHz	BW	YYYY	MM	DD	GMT	Time	Emm	Bd	Sft	Hdg	ADM	ID	Description	Grid	Source
14065		2009	07	17	00:00	0000-0030	A3E			360	PHL	VoAmerica	Re/broadcast of Indonesian news service	OF84wx	WIA
14065		2009	07	18	00:00	0000-0030	A3E			360	PHL	VoAmerica	Re/broadcast of Indonesian news service	OF84wx	WIA
14065		2009	07	19	00:00	0000-0030	A3E			360	PHL	VoAmerica	Re/broadcast of Indonesian news service	OF84wx	WIA
14065		2009	07	19	07:40	0740	J3E/U						ZHO FISHBOATS	QG52XI	WIA
14065		2009	07	20	00:00	0000-0030	A3E			360	PHL	VoAmerica	Re/broadcast of Indonesian news service	OF84wx	WIA
14065		2009	07	21	00:00	0000-0030	A3E			360	PHL	VoAmerica	Re/broadcast of Indonesian news service	OF84wx	WIA
14065		2009	07	22	00:00	0000-0030	A3E			360	PHL	VoAmerica	Re/broadcast of Indonesian news service	OF84wx	WIA
14065		2009	07	23	00:00	0000-0030	A3E			360	PHL	VoAmerica	Re/broadcast of Indonesian newsservice	OF84wx	WIA
14065		2009	07	DY	00:00	0000-0030	A3E				PHL	VoAmerica	MSA & ZHO bcst stns, daily 2009-07-09-29	OJ85	MARTS
14070		2009	07	10	09:00	0900	J3E/U						ORIENTAL	QG52XI	WIA
14073.1		2009	07	28	00:48	<0048>	J3E/U						ZHO dialect when data xmsn gone	OJ85	MARTS
14074		2009	07	28	00:38	<0038>	FXD						Short xmsns, multiple tones	OJ85	MARTS
14085		2009	07	28	07:40	<0740>	F7D					RUS	8 channel - Rus. Military	RF72LQ	NZART
14089.6		2009	07	06	08:20	0820>	J3E/L			360			Group of males, Chinese	OF84wx	WIA
14089.9		2009	07	17	00:20	0020-0045	J3E/U			360	INS		2 males	OF84wx	WIA
14090.4		2009	07	20	01:00	0100>	J3E/U			360	INS		2 males	OF84wx	WIA
14090.6		2009	07	07	07:50	0750-0905	J3E/U			360	INS		Group of males, work from boats, Indonesian	OR84wx	WIA
14090.8		2009	07	07	07:50	0750-0905	J3E/U			360	INS		Group of males, work from boats, Indonesians	OF84wx	WIA
14090.8		2009	07	10	07:24	0724-0915	J3E/U			360	INS		group of males, work from boats	OF84wx	WIA
14090.8		2009	07	13	03:40	0340-0400	J3E/U			360	INS		2 males	OF84wx	WIA
14090.8		2009	07	14	07:10	0710>	J3E/U			360	INS		Group of males	OF84wx	WIA
14090.8		2009	07	17	00:00	0000-0018	J3E/U			315	CLN		group of males work from boats	OF84wx	WIA
14091		2009	07	19	00:35	0035>	J3E/U			315	CLN		2 males	OF84wx	WIA
14091		2009	07	20	00:40	0040-0055	J3E/U			315	CLN		Group of males	OF84wx	WIA
14092		2009	07	09	08:15	0815>	J3E/U			360			Male-female, Chinese	OF84wx	WIA
14092.3		2009	07	10	09:05	0905>	J3E/U			360	INS		group of males	OF84wx	WIA
14095.6		2009	07	15	08:32	0832>	J3E/U			315	CLN		Group of males	OF84wx	WIA
14095.6		2009	07	16	00:10	0010-0045	J3E/U			315	CLN		Group of males	OF84wx	WIA
14096.5		2009	07	06	00:00	0000-0055	J3E/U			315	CLN		2 males	OF84wx	WIA
14096.6		2009	07	04	23:45	2345-0045	J3E/U			315	CLN		Group of males	OF84wx	WIA
14096.7		2009	07	01	00:30	0030-0045	J3E/U			315	CLN		2 males, Chinese	OF84wx	WIA
14096.7		2009	07	02	00:29	0029>	J3E/U			315	CLN		2 males	OF84wx	WIA
14096.7		2009	07	03	08:14	0814>	J3E/U			315	CLN		2 males	OF84wx	WIA
14096.7		2009	07	04	01:42	0142-0245	J3E/U			315	CLN		2 males	OF84wx	WIA
14096.7		2009	07	04	08:35	0835>	J3E/U			315	CLN		2 males	OF84wx	WIA
14096.7		2009	07	10	02:30	0230-0245	J3E/U			360			2 males	OF84wx	WIA
14096.7		2009	07	18	22:39	<2239-2347>	J3E/L						two males	OJ85	MARTS
14096.7		2009	07	19	06:10	0610	J3E/U			290	INS		FAMILY NET	QG52XI	WIA
14096.7		2009	07	19	07:20	0720-0900	J3E/U			315	CLN		group of males	OF84wx	WIA
14096.8		2009	07	10	09:00	0900	J3E/U						ZHO FISHBOATS, ENGINE NOISE	QG52XI	WIA
14096.8		2009	07	14	08:38	0838-09:1	J3E/U			315	CLN		group of males	OF84wx	WIA
14096.8		2009	07	18	23:25	2325-0103	J3E/U			315	CLN		Group of males	OF84wx	WIA
14097		2009	07	03	08:10	0810-0813	J3E/U			315	CLN		Male-female	OF84wx	WIA
14099		2009	07	09	08:00	0800-0814	J3E/L			360	INS		2 males. Indonesian	OF84wx	WIA
14099		2009	07	11	22:30	2230	J3E/L						SINGING TO EACH OTHER	QG52XI	WIA
14100		2009	07	08	00:05	0005-0040	J3E/U			315	CLN		Group of males	OF84wx	WIA

kHz	BW	YYYY	MM	DD	GMT	Time	Emm	Bd	Sft	Hdg	ADM	ID	Description	Grid	Source
14100		2009	07	DY	22:12	<2212-2300	A3E				PHL	VoAmerica	MSA broadcast station, daily 2009-07-09~29	OJ85	MARTS
14103	1	2009	07	11	07:40	0740	G7D						10 CARRIERS 30 HZ APART	QG52XI	WIA
14106	6	2009	07	25	20:55	<2055>	PXX						OTHR	RF73MF	NZART
14107		2009	07	06	08:25	0825>	J3E/U			315	CLN		Group of males	OF84wx	WIA
14107		2009	07	07	08:45	0845-0908	J3E/U			315	CLN		Group of males	OF84wx	WIA
14107		2009	07	07	08:45	0845-0908	J3E/U			315	CLN		Group of males	OF84wx	WIA
14107		2009	07	10	00:07	0007>	J3E/U			315	CLN		2 males	OF84wx	WIA
14107		2009	07	12	00:35	0035-0045	J3E/U			315	CLN		2 males	OF84wx	WIA
14107		2009	07	16	00:50	0050>	J3E/U			315	CLN		2 males	OF84wx	WIA
14107.9		2009	07	27	03:30	<0330-0338>	A1A					8M9Y	8m9y calling ap2x & others	OJ85	MARTS
14108		2009	07	DY	09:30	0930	A1A						CIPHER GROUPS, NON-ENGLISH CHAR, NIGHTLY SKED	QG52XI	WIA
14109	2.2	2009	07	DY	00:XX	00XX-23XX	F7B					621	"641" TO 696,525,436,598,954,440. INTERMITTENT ALE CALLS	RF72LQ	NZART
14110		2009	07	17	00:30	0030>	J3E/U			360	INS		Group of males	OF84wx	WIA
14110		2009	07	26	07:15	<0715>	F1B		250				Encrypted (Used to be regular on 14104 - every 3 days)	RF72LQ	NZART
14110		2009	07	30	05:20	<0520-0715>	F1B		250				Encrypted (Used to be regular on 14104 - every 3 days)	RF72LQ	NZART
14110		2009	07	DY	00:XX	00XX-23XX	J3E						NON-AMATEUR STNS	RF72LQ	NZART
14112		2009	07	08	07:50	0750>	J3E/U			360			2 males. Chinese	OF84wx	WIA
14112.3		2009	07	17	23:50	2350>	J3E/U			315	CLN		2 males	OF84wx	WIA
14112.3		2009	07	18	23:20	2320>	J3E/U			315	CLN		Group of males	OF84wx	WIA
14112.3		2009	07	21	23:30	2330>	J3EU			315	CLN		Group of males	OF84wx	WIA
14115		2009	07	10	00:24	0024-0026	J3E/U			315	CLN		2 males QRM to Travellers Net	OF83wx	WIA
14115		2009	07	DY	00:23	<0023-0300	A3E				PHL	VoAmerica	ZHO broadcast station, daily 2009-07-09~2009-07-29	OJ85	MARTS
14118.5		2009	07	09	00:00	0000>	J3E/L			315	CLN		2 males	OF84wx	WIA
14120		2009	07	08	07:15	<0715-0815>	F1B		250				IDLING SIGNALS ONLY	RF72LQ	NZART
14123		2009	07	09	23:30	2330-2340	J3E/U			315	CLN		Male-female	OF84wx	WIA
14123.4		2009	07	14	00:30	0030-0100	J3E/U			315	CLN		group of males	OF84wx	WIA
14123.5		2009	07	19	23:40	2340>	J3E/U			360			Group of males	OF84wx	WIA
14125	3	2009	07	11	23:00	2300	X1D						SINGLE BROAD CARRIER, HIGH BAUD RATE	QG52XI	WIA
14135		2009	07	01	23:00	2300-2359	A3E			360	PHL	VoAmerica	Re/broadcast of Philippino news service	OF84wx	WIA
14135		2009	07	02	23:00	2300-2359	A3E			360	PHL	VoAmerica	Re/broadcast of Philippino news service	OF84wx	WIA
14135		2009	07	03	23:00	2300-2359	A3E			360	PHL	VoAmerica	Re/broadcast of Philippino news service	OF84wx	WIA
14135		2009	07	04	23:00	2300-2359	A3E			360	PHL	VoAmerica	Re/broadcast of Philippino news service	OF84wx	WIA
14135		2009	07	05	23:00	2300-2359	A3E			360	PHL	VoAmerica	Re/broadcast of Philippino news service	OF84wx	WIA
14135		2009	07	06	23:00	2300-2359	A3E			360	PHL	VoAmerica	Re/broadcast of Philippino news servie	OF84wx	WIA
14135		2009	07	07	23:00	2300-2359	A3E			360	PHL	VoAmerica	Re/broadcast of Philippino news service	OF84wx	WIA
14135		2009	07	08	23:00	2300-2359	A3E			360	PHL	VoAmerica	Re/broadcast of Philippino news service	OF84wx	WIA
14135		2009	07	09	23:00	2300-2359	A3E			360	PHL	VoAmreica	Re/broadcast of Philippino news service	OF84wx	WIA
14135		2009	07	10	23:00	2300-2359	A3E			360	PHL	VoAmerica	Re/broadcast of Philippino news service	OF84wx	WIA
14135		2009	07	11	23:00	2300-2359	A3E			360	PHL	VoAmerica	Re/broadcast Of Philippino news service	OF84wx	WIA
14135		2009	07	12	22:40	2240-2359	A3E			360	PHL	VoAmerica	Re/broadcast of Philippino news service	OF84wx	WIA
14135		2009	07	13	23:00	2300-2359	A3E			360	PHL	VoAmerica	Re/broadast of Philippino nnews service	OF84wx	WIA
14135		2009	07	14	23:00	2300-2359	A3E			360	PHL	VoAmerica	Re/broadcast of Philippino news service	OF84wx	WIA
14135		2009	07	15	23:00	2300-2359	A3E			360	PHL	VoAmerica	Re/broadcast of Philippino news service	OF84wx	WIA
14135		2009	07	16	22:50	2250-2359	A3E			360	PHL	VoAmerica	Re/broadcast of Philippino news service	OF84wx	WIA
14135		2009	07	17	23:00	2300-24,0	A3E			360	PHL	VoAmerica	Re/broadcast of Philippino news service	OF84wx	WIA
14135		2009	07	18	23:00	2300-2359	A3E			360	PHL	VoAmerica	Re/broadcast of Philippino news service	OF84wx	WIA

kHz	BW	YYYY	MM	DD	GMT	Time	Emm	Bd	Sft	Hdg	ADM	ID	Description	Grid	Source
14135		2009	07	19	22:45	2245-2359	A3E			360	PHL	VoAmerica	Re/broadcast of Philippino news service	OF84wx	WIA
14135		2009	07	20	23:00	2300-2359	A3E			360	PHL	VoAmerica	Re/broadcast of Phiolippino news service	OF84wx	WIA
14135		2009	07	21	23:00	2300-2359	A3E			360	PHL	VoAmerica	Re/broadcast of Philippino news service	OF84wx	WIA
14135		2009	07	22	23:00	2300-2359	A3E			360	PHL	VoAmerica	Re/broadcast of Philippino news service	OF84wx	WIA
14135		2009	07	31	23:00	2300-2359	A3E			360	PHL	VoAmerica	Re//broadcast of Philippino news service	OF84wx	WIA
14135		2009	07	DY	23:15	<2315-2359	A3E				PHL	VoAmerica	MSA broadcast station, daily 2009-07-09~29	OJ85	MARTS
14151.5		2009	07	17	07:40	0740-0835	J3E/U			360	INS		Group of males work from boats	OF84wx	WIA
14151.6		2009	07	02	07:25	0725-0815	J3E/U			360			Group of males, Asian	OF84wx	WIA
14151.6		2009	07	08	07:58	0758-0825	J3E/U			360			2 males, Chinese	OF84wx	WIA
14151.6		2009	07	10	07:25	0725-0735	J3E/U			360	INS		group of males, Indonesians	OF84wx	WIA
14155.4		2009	07	11	23:00	2300	J3E/L						ZHO FISH BOATS	QG52XI	WIA
14156		2009	07	26	06:16	<0616>	PXX						OTHR	RF73MF	NZART
14160		2009	07	25	20:49	<2049>	PXX						OTHR	RF73MF	NZART
14160		2009	07	28	07:35	<0735>	F7D				RUS		8 channel - Rus. Military	RF72LQ	NZART
14161.3		2009	07	04	03:33	<0333-0339>	J3E/U				CLN		SINHALA SPEAKING OM-OM QSOs	MK82	ARSI
14175	350	2009	07	21	23:42	<2342-2359>	N0N				CHN		Wandering Shantou CHN b'cast station spurs across band	OJ85	MARTS
14175	350	2009	07	22	00:00	<0000-0201>	N0N				CHN		Wandering Shantou CHN b'cast station spurs across band	OJ85	MARTS
14175	350	2009	07	24	07:20	<0720>	N0N				CHN		Wandering Shantou CHN b'cast station spurs across band	OJ85	MARTS
14177.7		2009	07	11	02:52	<0252-0300>	J3E/U				CLN		SINHALA SPEAKING OM-OM QSOs	MK82	ARSI
14181.5		2009	07	04	08:36	0836-0955	J3E/L			360			2 males, Chinese	OF84wx	WIA
14183	1	2009	07	11	07:40	0740	G7D						10 CARRIERS 30 HZ APART	QG52XI	WIA
14195		2009	07	11	02:53	<0253-0259	A3E						RUSSIAN DIALECT- SIGNED OFF AT 0259	MK82	ARSI
14203		2009	07	11	02:59	<0259-0304>	J3E/U				CLN		SINHALA SPEAKING OM-OM QSOs	MK82	ARSI
14213	7	2009	07	26	05:51	<0551>	PXX						OTHR	RF73MF	NZART
14220.2		2009	07	22	01:05	<0105-0201>	F1D						high speed idles	OJ85	MARTS
14223.3		2009	07	20	09:00	0900	J3E/L						ORIENTAL, NOT CHINESE	QG52XI	WIA
14242.3		2009	07	14	03:16	<0316>	J3E/L				CLN		SINHALA SPEAKING OM-OM QSOs	MK82	ARSI
14244.6		2009	07	06	08:30	0830>	J3E/L			315	CLN		Group of males	OF84wx	WIA
14250		2009	07	10	09:00	0900	A3E				KRE	VoKorea	SW BROADCAST	QG52XI	WIA
14250		2009	07	DY	00:00	<0000-1004>	A3E				KRE	VoKorea	Broadcast station, daily 2009-07-09~2009-07-29	OJ85	MARTS
14250		2009	07	DY	20:30	<2030>	A3E				KRE	VoKorea	B.C. Stn. Pyongyang.	RF72LQ	NZART
14250		2009	07	DY	22:24	<2224-2359>	A3E				KRE	VoKorea	Broadcast station, daily 2009-07-09~2009-07-29	OJ85	MARTS
14259	6	2009	07	26	05:51	00XX-23XX	PXX						OTHR	RF73MF	NZART
14277.7		2009	07	01	01:25	0125-0133	J3E/U			360	INS		2 males -1 female pass coded msgs, Indonesians	OF84wx	WIA
14277.7		2009	07	01	01:50	0150-0202	J3E/U			360	INS		1 male-1 female pass coded msgs, Indonesians	OD84wx	WIA
14277.7		2009	07	04	01:34	0134-0140	J3E/U			360	INS		Male-female, pass coded msgs, Indonesians	OF84wx	WIA
14277.7		2009	07	06	01:03	0103-0122	J3E/U			360	INS		2 males 1 female pass coded msgs, Indonesians	OF84wx	WIA
14277.7		2009	07	06	01:53	0153-0157	J3E/U			360	INS		2 males 2 females pass coded msgs, Indonesians	OF84wx	WIA
14277.7		2009	07	08	01:30	0130-0150	J3E/U			360	INS		Male-female pass coded msgs, Indonesian	OF84wx	WIA
14277.7		2009	07	10	00:40	0040-0041	J3E/U			360	INS		2 males pass coded msgs, no msgs today	OF84wx	WIA
14277.7		2009	07	12	01:45	0145-0146	J3E/U			360	INS		2 males pass coded msgs, no msgs today	OF84wx	WIA
14277.7		2009	07	13	01:33	0133-0155	J3E/U			360	INS		2 males pass coded msgs, Indonesians	OF84wx	WIA
14277.7		2009	07	14	01:11	0111-0116	J3E/U			360	INS		2 malesw pass coded msgs, Indonesian	OF84wx	WIA
14277.7		2009	07	15	01:55	0155-0156	J3E/U			360	INS		Male-female. pass coded msgs, no msgs today	OF84wx	WIA
14277.7		2009	07	16	01:11	0111-0115	J3E/U			360	INS		Male-female. pass coded msgs	OF84wx	WIA
14277.7		2009	07	21	01:30	0130-0133	J3E/U			360	INS		2 males pass coded msgs, Indonesians	OF84wx	WIA

kHz	BW	YYYY	MM	DD	GMT	Time	Emm	Bd	Sft	Hdg	ADM	ID	Description	Grid	Source
14277.7		2009	07	22	01:25	0125-0128	J3E/U			360	INS		3 males. pass coded msgs	OF84wx	WIA
14280		2009	07	10	09:00	0900	A3E				KRE	VoKorea	SW BROADCAST	QG52XI	WIA
14280		2009	07	DY	07:30	<0730>	A3E				KRE	VoKorea	2f of 7140 kHz.	RF72LQ	NZART
14280		2009	07	DY	23:00	<2300-2359>	A3E				KRE	VoKorea	Broadcast station, daily 2009-07-09~2009-07-29	OJ85	MARTS
14280		2009	07	DY	23:00	<0000-1004>	A3E				KRE	VoKorea	Broadcast station, daily 2009-07-09~2009-07-29	OJ85	MARTS
14304.5		2009	07	03	08:30	0830>	J3E/U			360			Male-femae (screaming) Chinese	OF84wx	WIA
14305.6		2009	07	10	09:00	0900	J3E/U						ZHO FISHBOATS, ENGINE NOISE	QG52XI	WIA
14328.7		2009	07	22	07:40	0740>	J3E/L			315	CLN		Group of males	OF84wx	WIA
18070		2009	07	19	02:09	<0209-0215	XXX						Two stations, intermittent, SSTV+Piccolo-like signal	RF80hl	NZART
18073	10	2009	07	27	10:50	<1050-1135>	PXX				GCA		CENTRED on 18064.5 Khz	MK82	ARSI
18087		2009	07	19	02:00	<0200>	XXX						Havana gurgle	RF80hl	NZART
18100		2009	07	22	00:00	<0000-1004>	F1D						high speed idles	OJ85	MARTS
18100		2009	07	22	23:55	<2355-2359>	F1D						idles	OJ85	MARTS
18100		2009	07	23	00:00	<0000-0401>	F1D						idles, faded out or gone by 0529	OJ85	MARTS
18118	100	2009	07	21	23:42	<2342-2359>	N0N				CHN		Wandering Shantou CHN b'cast station spurs across band	OJ85	MARTS
18118	100	2009	07	22	00:00	<0000-0022>	N0N				CHN		Wandering Shantou CHN b'cast station spurs across band	OJ85	MARTS
21001		2009	07	07	02:55	<0255-0257	F1D			345				RF80hl	NZART

kHz	YYYY	MM	DD	GMT	Call	Comment	Spotter
1825.0	2009	07	24	0605	OE8	"fish beacon" TERRIBLE QRG!!!	N2KW
1825.3	2009	07	28	1918	VK9NI	now here. 25.0 Fish Beacon qrm	VK3IO
3508.0	2009	07	29	1958	TK9X	JAMMING. pls QSY to 3805	JA1ADT
3689.0	2009	07	16	0353	P1RATES	USB Fishermen	VE2DC
3693.0	2009	07	04	1846	MUSIC	Nice Music	DL-SWL
7000.1	2009	07	09	1414	BY7RADAR	to 7007	9M6BG
7000.1	2009	07	09	1531	BY7RADAR	to 7007, still going	9M6BG
7000.1	2009	07	09	1638	BY7RADAR	finally gone	9M6BG
7000.1	2009	07	09	2103	BY7RADAR	to 7005	9M6BG
7000.1	2009	07	17	2237	BY7RADAR	to about 7150	9M6BG
7000.1	2009	07	19	1322	BY7RADAR	to 7110 or so	9M6BG
7000.1	2009	07	19	2259	BY7RADAR	to 7025, buckshot/rolloff fm b	9M6BG
7000.1	2009	07	20	2301	BY7RADAR	to 7150	9M6BG
7000.1	2009	07	21	2309	BY7RADAR	to 7030, china ruin the band e	9M6BG
7005.9	2009	07	21	2323	PY2EL	thru the radar	9M6BG
7007.0	2009	07	09	1434	9M6BG	Quite Right: BY Radar 5x9 in S	K6ZMW
7010.7	2009	07	11	1156	TRAWLERS	SSB FISHFONE WITH BAD LANGUAGE	G0GKH
7025.0	2009	07	19	2238	KBCST/DU	Voice of America IMD, S9 plus	9M6BG
7105.0	2009	07	19	1339	BCAST	and 8 others up to 7200	9M6BG
7105.0	2009	07	22	2018	INTRUDER	AM Broadcast AM	ON7CD
7105.0	2009	07	22	2053	INTRUD0R	verry strong AM BC	ON7CD
7106.0	2009	07	22	1838	BR0ADCAST	Illegal AM broadcast	ON7CD
7106.0	2009	07	22	1950	INTRUDER	AM broadcast	ON7CD
7130.0	2009	07	19	1324	9MBCAST	RT Malaysia	9M6BG
7140.0	2009	07	21	1138	BCSTN	still one big fat BC stn	NT5C
7172.0	2009	07	22	1839	BR0ADCAST	Illegal AM boadcast	ON7CD
7200.0	2009	07	10	0355	BROADCAST	BROADCAST AGAIN!!!!	WP3MW
10140.0	2009	07	10	1723	RADAR	s9+	ON4CT
10140.0	2009	07	10	1819	JAMMER	s9+ strong large 40KHz	IZ1MKR
14001.5	2009	07	12	0529	W1AW/KL7	test, with Cyprus radar QRM	VK6DU
14026.6	2009	07	04	0732	RADAR	+20	YO5OAG
14040.0	2009	07	21	2331	KBCST/DU	Voice of America here too	9M6BG
14065.0	2009	07	21	0007	KBCST/DU	Voice of America IMD from DU	9M6BG
14065.0	2009	07	22	0016	KBCST/DU	Voice of America now here	9M6BG
14065.0	2009	07	24	0027	KBCST2/DU	Voice of America in Indonesian	9M6BG
14100.0	2009	07	19	2247	KBCST/DU	Voice of America IMD from DU	9M6BG
14115.0	2009	07	24	0026	KBCST/DU	Voice of America in Chinese	9M6BG
14125.0	2009	07	01	1922	PIRATES	Two stations in frecuencis Ham	EA1HLW
14125.0	2009	07	01	1927	EA1HLW	Stations de 11Mts en 20mts, pi	EA1HLW
14135.0	2009	07	21	2318	KBCST/DU	Voice of America IMD from DU	9M6BG
18070.0	2009	07	27	1116	QRM	S7	IK2WXQ
18070.0	2009	07	27	1122	QRM	OTH Radar???	PE2RDH
18070.0	2009	07	27	1128	QRM	was on 18168 before, think it	F5IHP
18070.1	2009	07	27	1117	TF/IK1PMR	Tnx Qrm Radar? ANDREA	TF3HP
18070.8	2009	07	27	1114	TF/IK1PMR	Tnx Qrm Radar?	G4HOM
18090.0	2009	07	21	0828	OTHR	20 kHz eastern Med	G8HOA
18155.0	2009	07	23	1358	RADAR	QTF 140, Cyprus???	OE3JTB
28025.0	2009	07	06	1013	PIRATE	AM pirate from EA	IK1YDB
28035.0	2009	07	31	1601	PIRATES	fm pirate cb	G0OTT
28200.7	2009	07	16	1700	PIRATE	idiots ssb	G0OTT
28265.0	2009	07	17	0802	INTRUDER	CB stations	PA0DX
28271.7	2009	07	30	1218	RUSSAN	Taxi	IV3VBM