



INTERNATIONAL AMATEUR RADIO UNION

REGION 3



MONITORING SYSTEM REPORT

August, 2009

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Monthly summary:

160 metres: Drift net beacons were reported by WIA.

80 metres: Chinese OTHR from Hainan was spotted from VE. Voice of Korea was reported by JARL & NZART. Chinese fish boats were reported by NZART.

40 metres: Chinese OTHR from Hainan was reported by JARL, NZART & WIA, also spotted from K & VK. Indonesian intruders were reported by NZART & WIA. The Russian single-letter CW beacons were reported by ARSI, JARL & NZART. Sinhalese-speaking intruders were reported by ARSI & NZART. Suspected Russian broadcast station intermods on 7009 & 7030 kHz were spotted from DL & EA. Broadcast stations still transmitting on 7100-7200 kHz were reported by JARL & NZART. Frequencies reported to be still in use include: 7100, 7105, 7110, 7130, 7135, 7140, 7145, 7165, 7180, 7185 & 7200 kHz. Identified sources of reported broadcast stations included: CHN, ETH, KRE, LAO, MLA, RUS & TWN. A broadcast station was spotted on 7175 kHz from ON.

30 metres: Suspected British OTHR was reported by NZART, also spotted from GM, G, EA8, DL, HA, SV & I.

20 metres: Suspected British OTHR was reported by ARSI. Suspected Russian OTHR was reported by NZART. Either the British or Russian OTHRs were spotted from K. Intermodulation distortion products of Voice of America on 14065 & 14135 kHz from PHL relay site continue to be reported by WIA. 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 NZART.

15 metres: Suspected British OTHR was reported by NZART.

10 metres: Taxis & other intruders were spotted from across Region 1.

Sources of reported signals:

Region 1: ETH, GCA, RUS, UKR

Region 2: none

Region 3: CHN, CLN, IND, 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. As the ITU emission designation for SSB does not differentiate between USB & LSB, J3E/U & J3E/L have been adopted, respectively. TWN has been adopted in the absence of a suitable code in ITU-R Recommendation SM.1413 section 9 appendix 3 for the area of Taiwan. After release of this report, any further updates will only be made to the database that can be found at: <http://www.iaru-r3.org/ms/r3-ms-db.zip>

This month's contributors:

ARSI: VU2UR - **JARL:** JA0AD - **WIA:** VK4TJ, VK6XW

NZART: ZL1BAD, ZL1BYA, ZL1GWE, ZL2IFB, ZL2IK, ZL3NB, ZL4NR

kHz	BW	YYYY	MM	DD	GMT	Time	Emm	Bd	Sft	Hdg	ADM	ID	Description	Grid	Source
1807.9		2009	08	28	09:15	0915	A1A					2AFNO	2AFNO DRIFTNET BEACON	QG52XI	WIA
1834		2009	08	24	10:00	1000	A1A					2APTH	DRIFTNET BEACON 2APTH	QG52XI	WIA
3529.5		2009	08	19	10:05	1005	A1A					M5EM	ABS DE M5EM, SOME NON-ENGLISH CHARACTERS	QG52XI	WIA
3551		2009	08	28	10:07	1007	A1A					L5QRE	X7BZ DE L5QRE, CHIRP	QG52XI	WIA
3560		2009	08	03	07:15	<0715>	A3E				KRE	VoKorea	B.C. Transmitting from Pyongyang North Korea	RF72IS	NZART
3560		2009	08	06	11:29	<1129>	A3E				KRE	VoKorea	B.C. Transmitting from Pyongyang North Korea	RF72IS	NZART
3560		2009	08	DY	09:00	<0900-2100>	A3E				KRE	VoKorea	B-C Station	RF72LQ	NZART
3560		2009	08	DY	09:34	<0934-2134>	A3E			321	KRE	VoKorea	KOR/ENG/ZHO/FRA/SPA Talk and Music	PM97	JARL
3607		2009	08	03	08:15	<0815-0845>	J3E/U					CHN	59 Min Nan - verified with audio sample VR2BG	RF74IC	NZART
3608		2009	08	02	08:00	<0800-1030>	J3E/U					CHN	Min Nan - cfm by VR2BG - Teochew mainland CHN	RF74IC	NZART
3608		2009	08	02	19:30	<1930-2025>	J3E/U					CHN	58 Min Nan - verified with audio sample VR2BG	RF74IC	NZART
7000		2009	08	10	12:09	<1209-1230>	J3E/L				INS		Indonesian identified by their yodelling type calls.	RF72IS	NZART
7000		2009	08	11	10:50	<1050-1122>	J3E/L				INS		Indonesian identified by their yodelling type calls.	RF72IS	NZART
7000		2009	08	16	13:07	<1307>	J3E/L						Indonesian non-hams (but suspect Sri Lankan) as per VU2UR	RF72IS	NZART
7000		2009	08	19	12:50	<1250-1255>	J3E/L				INS		Indonesian non-hams again	RF72IS	NZART
7000		2009	08	24	11:00	<11:00-1230>	J3E/L				INS		Indonesian non-hams, same old gang	RF72IS	NZART
7000		2009	08	DY	XX:XX	XXXX-XXXX	J3E/L				INS		Non Amateurs. Reported as 00XX-23XX	RF72LQ	NZART
7000		2009	08	DY	XX:XX	XXXX-XXXX	J3E/U				INS		Non Amateurs. Reported as 00XX-23XX	RF72LQ	NZART
7000.1		2009	08	20	02:21	<0221>	J3E/U				CLN		SINHALA SPEAKING OM-OM QSOs	MK82	ARSI
7000.1		2009	08	24	02:21	<0221-0224>	J3E/U				CLN		SINHALA SPEAKING OM-OM QSOs	MK82	ARSI
7001		2009	08	15	17:15	<1715-1745>	F1B		500				Idling Sigs Only	RF72LQ	NZART
7001.5	3	2009	08	03	10:40	<1040-1112>	J3E/L				INS		Indonesian non-hams been following this gang for months.	RF72IS	NZART
7001.5	3	2009	08	05	10:14	<1014>	PXX				CHN		OTHR 6975 S9 (6940-7003)	RE66IM	NZART
7001.5	3	2009	08	05	10:14	<1014>	PXX				CHN		OTHR Hainan Island suspected 6940-7003 6975 S9 7003 S3	RE66IM	NZART
7001.5		2009	08	19	11:50	<1150-0147>	J3E/U				CLN		Sri Lankan Sinhala Fishermen (confirmed via VU2UR)	RE66IM	NZART
7001.5	3	2009	08	27	09:52	<0952>	PXX				CHN		OTHR S9	RE66IM	NZART
7001.7	3	2009	08	02	07:35	<0735-0750>	PXX						Raspy, data mode - unidentified	RF80HI	NZART
7002.5	5	2009	08	13	11:27	<1127-1130>	P0N				CHN		OTHR 43.1 pps	RF72IS	NZART
7003	6	2009	08	18	09:50	<0950-1105>	PXX				CHN		OTHR S3-S9. Reported as 159 kc centered on 6926.5	RE66IM	NZART
7004	8	2009	08	16	11:17	<1117-1141>	P0N				CHN		OTHR 43.1 pps	RF72IS	NZART
7005	10	2009	08	01	19:10	<1910>	PXX				CHN		O.T.H.R. Reported as 35 kc centred on 6975	RF72LQ	NZART
7005	10	2009	08	05	10:42	<1042-1044>	PXX				CHN		OTHR Hainan Island suspected 6921-7010 S9	RF80HI	NZART
7005	10	2009	08	21	09:25	0925	PXX				CHN		OTH RADAR 10 KHZ INTO 40 MTR BAND	QG52XI	WIA
7005.5	11	2009	08	04	11:05	<1105-1157>	P0N				CHN		43.1 pps S5 OTHR	RF72IS	NZART
7005.5	11	2009	08	05	10:55	<1055>	P0N				CHN		43.1 pps S5 OTHR	RF72IS	NZART
7005.5	11	2009	08	19	12:00	<1200-1231>	P0N				CHN		43.1 pps OTHR	RF72IS	NZART
7006	12	2009	08	06	10:34	<1034-1043>	P0N				CHN		43.1 pps S6-7 OTHR	RF72IS	NZART
7006		2009	08	08	12:31	<12:31>	J3E/L				INS		Indonesian non-hams appears to be same gang	RF72IS	NZART
7006	12	2009	08	21	11:54	<1154-1334>	P0N				CHN		OTHR 43.1 pps	RF72IS	NZART
7006.5	13	2009	08	22	12:12	<1212-1258>	P0N				CHN		OTHR 43.1 pps	RF72IS	NZART
7006.5	13	2009	08	23	10:47	<1047-1218>	P0N				CHN		OTHR 43.1 pps	RF72IS	NZART
7007		2009	08	19	10:55	<1055-1136>	G7D				CHN		Chinese 4+4 Encrypted	RF72IS	NZART
7007		2009	08	19	12:16	<1216-1224>	G7D				CHN		Chinese 4+4 8 Minute burst (assume encrypted)	RF72IS	NZART
7008		2009	08	19	11:16	<1116>	G7D				CHN		Chinese Military PRC system 4+4	RE66IM	NZART
7010		2009	08	10	10:55	<1055-1107>	J3E/L				INS		Indonesian non-hams again	RF72IS	NZART
7010		2009	08	21	09:30	0930	J3E/L				INS		INDO	QG52XI	WIA

kHz	BW	YYYY	MM	DD	GMT	Time	Emm	Bd	Sft	Hdg	ADM	ID	Description	Grid	Source
7010		2009	08	24	02:21	<0221-0225>	J3E/U				CLN		SINHALA SPEAKING OM-OM QSOs	MK82	ARSI
7010		2009	08	24	09:50	0950	J3E/L				INS		INDO	QG52XI	WIA
7010.2		2009	08	24	12:20	<1220-1224>	J3E/U				CLN		SINHALA SPEAKING OM-OM QSOs	MK82	ARSI
7013		2009	08	08	17:55	<1755>	J3E/U						Chinese S6 on 7013.6	RF80HL	NZART
7013.6		2009	08	07	17:49	<1749>	J3E/U						Not Chinese S6	RF80HL	NZART
7015		2009	08	20	02:35	<0235-0239>	J3E/U				CLN		SINHALA SPEAKING OM-OM QSOs	MK82	ARSI
7017		2009	08	06	02:35	0235-0240>	J3E/U				CLN		SINHALA SPEAKING OM-OM QSOs	MK82	ARSI
7022.1		2009	08	21	02:42	<0242-0245>	J3E/U				CLN		SINHALA SPEAKING OM-OM QSOs	MK82	ARSI
7023		2009	08	05	07:52	<0752-0758>	J3E/U				CLN		Sri Lankan Sinhala Fishermen (confirmed via audio)	RE66IM	NZART
7025		2009	08	20	02:35	<0235-0240>	J3E/U				CLN		SINHALA SPEAKING OM-OM QSOs	MK82	ARSI
7025		2009	08	24	02:20	<0220-0227>	J3E/U				CLN		SINHALA SPEAKING OM-OM QSOs	MK82	ARSI
7025		2009	08	24	09:40	0940	J3E/L				INS		INDO	QG52XI	WIA
7027		2009	08	07	01:50	<0150>	A1A					V	SINGLE LETTER BEACON	MK82	ARSI
7027		2009	08	18	16:00	<1600>	A1A					V	SINGLE LETTER BEACON	MK82	ARSI
7030	10	2009	08	06	09:32	<0932>	PXX						OTHR	RE66IM	NZART
7030	60	2009	08	DY	17:20	<1720-1930>	PXX				CHN		4 PPS centred on 7030, 60 K wide	RF72LQ	NZART
7030.1		2009	08	24	02:25	<0225-0230>	J3E/U				CLN		SINHALA SPEAKING OM-OM QSOs	MK82	ARSI
7033	66	2009	08	05	18:04	<1804>	PXX						7000KHz ~ 7066KHz wide pulse mode PXX OTHR ?	PM97	JARL
7033	66	2009	08	10	18:06	<1806>	PXX						7000KHz ~ 7066KHz wide pulse mode PXX OTHR ?	PM97	JARL
7033	66	2009	08	31	17:04	<1704>	PXX						7000KHz ~ 7066KHz wide pulse mode PXX OTHR ?	PM97	JARL
7034.7		2009	08	21	02:40	<0240-0244>	J3E/U				CLN		SINHALA SPEAKING OM-OM QSOs	MK82	ARSI
7036		2009	08	10	17:55	<1755-1812	F1B		250				Stopped at 1812	RF72LQ	NZART
7036.5		2009	08	03	12:25	<1225-1245>	G7D						10 Channels plus 1 pilot tone	RF72IS	NZART
7039	66	2009	08	03	19:04	<1904>	PXX						7006KHz ~ 7072KHz wide pulse mode PXX OTHR ?	PM97	JARL
7039		2009	08	23	17:04	<1704-1802>	A1A				RUS	S	Beacon S--signal ?	PM97	JARL
7039		2009	08	25	09:28	<0928-1104>	A1A			314	RUS	K	Beacon	PM97	JARL
7039		2009	08	26	10:04	<1004-1202>	A1A			314	RUS	K	Beacon	PM97	JARL
7039		2009	08	27	13:04	<1304-1608>	A1A			314	RUS	K	Beacon	PM97	JARL
7039		2009	08	28	17:04	<1704>	A1A			314	RUS	K	Beacon	PM97	JARL
7039		2009	08	30	10:04	<1004-1704>	A1A			314	RUS	K	Beacon	PM97	JARL
7039		2009	08	DY	09:28	<0928-2002>	A1A		15		RUS	M	Beacon	PM97	JARL
7039		2009	08	DY	XX:XX	XXXX-XXXX	A1A				RUS	A	?. Reported as <0000-2359>	RF72LQ	NZART
7039.0		2009	08	DY	XX:XX	XXXX-XXXX	A1A				RUS	C	Moscow H.Q. Reported as <0000-2359>	RF72LQ	NZART
7039.3		2009	08	DY	XX:XX	XXXX-XXXX	A1A				RUS	K	Petropavlovsk Kamchatskiy. Reported as <0000-2359>	RF72LQ	NZART
7039.4		2009	08	03	11:29	<1129>	A1A				RUS	M	Beacon M from Magadan, Russian Navy	RF72IS	NZART
7039.4		2009	08	DY	XX:XX	XXXX-XXXX	A1A				RUS	M	Magadan. Reported as <0000-2359>	RF72LQ	NZART
7039.7		2009	08	DY	XX:XX	XXXX-XXXX	A1A				UKR	D	Sevastopol.Beacon "D". Reported as <0000-2359>	RF72LQ	NZART
7039.9		2009	08	DY	XX:XX	XXXX-XXXX	A1A				RUS	S	Severomorsk. Reported as <0000-2359>	RF72LQ	NZART
7041	1.5	2009	08	24	09:40	0940	G7B						4 CARRIERS 250 HZ APART, HIGH BAUD RATE	QG52XI	WIA
7047.5	95	2009	08	12	11:04	<1104-1125>	P0N				CHN		43.1 pps S6-7 OTHR	RF72IS	NZART
7048.5	97	2009	08	26	10:45	<1045-1055>	P0N				CHN		OTHR 43.1 pps	RF72IS	NZART
7050	100	2009	08	11	11:20	<1120-1235>	P0N				CHN		43.1 pps OTHR	RF72IS	NZART
7051		2009	08	24	02:26	<0226-0230>	J3E/U				CLN		SINHALA SPEAKING OM-OM QSOs	MK82	ARSI
7052		2009	08	05	11:32	<1132-1215>	A1A						Letters and figs, not in groups of 5, long breaks between xmsns	RF72IS	NZART
7053.5		2009	08	08	09:00	<0900-1030>	F1B	40.5	500				RTTY (FSK) Russian System 8181 Encrypted S3- S7 QSB	RE66IM	NZART
7054		2009	08	DY	19:00	<1900-2100>	F1B		250		RUS		Idling Sigs Only	RF72LQ	NZART

kHz	BW	YYYY	MM	DD	GMT	Time	Emm	Bd	Sft	Hdg	ADM	ID	Description	Grid	Source
7055		2009	08	06	19:30	<1930>	A1B		500				Machine FSK Morse - NOT same stn as 7054	RF72LQ	NZART
7055		2009	08	07	19:40	<1940>	F1B		500				Encrypted F1B. Not same stn as 7054	RF72LQ	NZART
7055		2009	08	08	18:00	<1800>	F1B		500				Encrypted F1B. Not same stn as 7054	RF72LQ	NZART
7055		2009	08	28	19:10	<1910>	F1B		500				Encrypted F1B. Not same stn as 7054	RF72LQ	NZART
7056.5		2009	08	02	12:17	<1217-1311>	F1B	40.5	500		RUS		Russian Military System 81-81 Encrypted 500 Shift	RF72IS	NZART
7056.5		2009	08	03	11:14	<1114-1127>	F1B	40.5	500		RUS		Russian Military System 81-81 Encrypted 500 Shift	RF72IS	NZART
7056.5		2009	08	08	09:00	<0900-1030>	F1B	40.5	500		RUS		RTTY (FSK) Russian System 8181 Encrypted	RF72IS	NZART
7056.5		2009	08	08	10:45	<1045-1110>	F1B	40.5	500		RUS		Russian System 81-81 encrypted 500 shift	RF72IS	NZART
7057	122	2009	08	19	10:45	<1045-1055>	P0N				CHN		OTHR 43.1 pps, reported as 120 kHz centred on 7053	RF72IS	NZART
7058		2009	08	16	19:30	<1930-2130>	N0N						Strong un-mod carrier	RF72LQ	NZART
7060		2009	08	06	02:35	0235-0242>	J3E/U				CLN		SINHALA SPEAKING OM-OM QSOs	MK82	ARSI
7060	50	2009	08	08	19:30	<1930-2005>	PXX				CHN		O.T.H.R. 50K WIDE	RF72LQ	NZART
7060		2009	08	25	01:54	<0154-0158>	J3E/U				CLN		SINHALA SPEAKING OM-OM QSOs	MK82	ARSI
7063	66	2009	08	05	17:04	<1704>	PXX						7030KHz ~ 7096KHz wide pulse mode PXX OTHR ?	PM97	JARL
7065.5		2009	08	04	12:48	<1248-1250>	F1B	40.5	500		RUS		Russian Military System 81-81 Encrypted 500 Shift	RF72IS	NZART
7065.5		2009	08	05	10:30	<1030-1130>	F1B	40.5	500		RUS		Russian Military System 81-81 Encrypted 500 Shift	RF72IS	NZART
7065.5		2009	08	06	12:09	<1209-1236>	F1B	40.5	500		RUS		Russian Military System 81-81 Encrypted 500 Shift	RF72IS	NZART
7065.5		2009	08	07	10:54	<1054-1101>	F1B	40.5	500		RUS		Dotter, Russian Military and Russian railways both use this system	RF72IS	NZART
7065.5		2009	08	07	11:01	<1101-1108>	F1B				RUS		Changed Dotter to System 81-81	RF72IS	NZART
7065.5	71	2009	08	19	10:50	<1050>	PXX				CHN		OTHR S9	RE66IM	NZART
7068		2009	08	05	08:30	0830	A1A						CIPHER, LOTS OF ---,---	QG52XI	WIA
7069	66	2009	08	08	07:28	<0728>	PXX						7036KHz ~ 7102KHz wide pulse mode PXX OTHR ?	PM97	JARL
7069	90	2009	08	09	10:37	<1037-1200>	P0N				CHN		43.1 pps S7-8 OTHR	RF72IS	NZART
7070		2009	08	07	17:49	<1749>	PXX				CHN		OTHR S6	RF80hl	NZART
7070	40	2009	08	09	17:49	<1749>	PXX				CHN		Buzzsaw, OTHR S6	RF80hl	NZART
7070		2009	08	25	09:50	0950	A1A						4 CHAR CIPHER GROUPS MIXED NUMBERS + LTRS	QG52XI	WIA
7071	66	2009	08	01	09:42	<0942>	PXX						7038KHz ~ 7104KHz wide pulse mode PXX OTHR ?	PM97	JARL
7075	50	2009	08	06	08:15	<0815>	PXX				CHN		O.T.H.R. 7075 - 50K WIDE	RF72LQ	NZART
7078	3.3	2009	08	01	19:20	<1920>	G7B						Phase Mod. Multi-chnl 3.3k wide	RF72LQ	NZART
7078	3.3	2009	08	02	19:40	<1940-2100>	G7B						Phase Mod. Multi-chnl 3.3k wide	RF72LQ	NZART
7078	3.3	2009	08	03	20:00	<2000>	G7B						Phase Mod. Multi-chnl 3.3k wide	RF72LQ	NZART
7078	3.3	2009	08	04	20:00	<2000-2200>	G7B						Phase Mod. Multi-chnl 3.3k wide	RF72LQ	NZART
7079	66	2009	08	01	18:06	<1806>	PXX						7046KHz ~ 7112KHz wide pulse mode PXX OTHR ?	PM97	JARL
7088		2009	08	09	20:15	<2015-2115>	F1B		250				Encrypted	RF72LQ	NZART
7088		2009	08	10	20:45	<2045>	F1B		250				Encrypted	RF72LQ	NZART
7095	2.2	2009	08	14	10:52	<1052>	F7B					1Q0	ALE calling '110'	RF72IS	NZART
7095	2.2	2009	08	14	11:19	<1119>	F7B					1101	Sounding'	RF72IS	NZART
7095		2009	08	14	11:40	<1140-1210>	A3E				KRE	VoKorea	BC station QRN very bad	RF72IS	NZART
7095	2.2	2009	08	14	11:39	<1139>	F7B					VN08M	Message 'Noise 15'	RF72IS	NZART
7095	2.2	2009	08	14	12:10	<1210>	F7B					PU	Calling '110'	RF72IS	NZART
7095	2.2	2009	08	14	12:13	<1213>	F7B					1101	Calling '1107'	RF72IS	NZART
7100		2009	08	DY	18:00	<1800-2000>	A3E				KRE	VoKorea	Broadcast Station	RF72LQ	NZART
7100		2009	08	DY	18:10	<1804-2044>	A3E			321	KRE	VoKorea	FRA/ENG/KOR Talk and Music	PM97	JARL
7100.4		2009	08	18	02:07	<0207>	J3E/U				CLN		SINHALA SPEAKING OM-OM QSOs	MK82	ARSI
7104		2009	08	13	11:31	<1131-1210>	A3E				KRE	VoKorea	BC Station	RF72IS	NZART
7105		2009	08	04	09:46	<0946>	N0N						no modulation	PM97	JARL

kHz	BW	YYYY	MM	DD	GMT	Time	Emm	Bd	Sft	Hdg	ADM	ID	Description	Grid	Source
7105		2009	08	05	10:32	<1032>	A3E				CHN		ZHO broadcast station	RF80hl	NZART
7105		2009	08	08	22:00	2200-2300	A3E			214	TWN	R.Taiwan Intl	ZHO Talk and Music	PM97	JARL
7105		2009	08	16	22:00	2200-2300	A3E			214	TWN	R.Taiwan Intl	ZHO Talk and Music	PM97	JARL
7105		2009	08	24	22:00	2200-2300	A3E			214	TWN	R.Taiwan Intl	ZHO Talk and Music	PM97	JARL
7105		2009	08	29	21:40	<2140>	N0N						no modulation	PM97	JARL
7105		2009	08	30	21:40	<2140>	N0N						no modulation	PM97	JARL
7105		2009	08	30	22:00	2200-2300	A3E			214	TWN	R.Taiwan Intl	ZHO Talk and Music	PM97	JARL
7105		2009	08	31	09:40	<0940>	N0N						no modulation	PM97	JARL
7105		2009	08	31	22:00	2200-2300	A3E			214	TWN	R.Taiwan Intl	ZHO Talk and Music	PM97	JARL
7105		2009	08	DY	21:50	2150-1605	A3E			273	CHN	PBS Nei Menggu	ZHO Talk and Music	PM97	JARL
7105		2009	08	DY	22:00	2200-2300	A3E			214	TWN	SoH	ZHO Talk and Music	PM97	JARL
7110		2009	08	08	20:47	<2047-2100>	A3E			315	ETH	R.Ethopia	Radio Ethopia- Domestic Service confirmed with audio sample	RF73MF	NZART
7110		2009	08	09	20:47	<2047-2100>	A3E				ETH	R.Ethopia	Radio Ethopia- Domestic Service confirmed with audio sample	RF73MF	NZART
7110		2009	08	25	09:45	0945	J3E/U						ORIENTAL, FAMILY NET	QG52XI	WIA
7112.4		2009	08	18	02:08	<0208>	J3E/U				CLN		SINHALA SPEAKING OM-OM QSOs	MK82	ARSI
7130		2009	08	01	10:04	<1004-1346>	A3E			226	MLA	RTM	MSA Talk and Music	PM97	JARL
7130		2009	08	01	13:55	<1355-1800	A3E				CHN		ZHO Talk and Music 7185KHz same Program	PM97	JARL
7130		2009	08	02	10:06	<1006-1350>	A3E			226	MLA	RTM	MSA Talk and Music	PM97	JARL
7130		2009	08	02	13:55	<1355-1800	A3E				CHN		ZHO Talk and Music 7185KHz same Program	PM97	JARL
7130		2009	08	03	10:20	<1020-1350>	A3E			226	MLA	RTM	MSA Talk and Music	PM97	JARL
7130		2009	08	03	13:55	<1355-1800	A3E				CHN		ZHO Talk and Music 7185KHz same Program	PM97	JARL
7130		2009	08	04	09:32	<0932-1350>	A3E			226	MLA	RTM	MSA Talk and Music	PM97	JARL
7130		2009	08	04	13:55	<1355-1800	A3E				CHN		ZHO Talk and Music 7185KHz same Program	PM97	JARL
7130		2009	08	05	09:54	<0954-1348>	A3E			226	MLA	RTM	MSA Talk and Music	PM97	JARL
7130		2009	08	05	13:55	<1355-1800	A3E				CHN		ZHO Talk and Music 7185KHz same Program	PM97	JARL
7130		2009	08	06	11:08	<1108-1350>	A3E			226	MLA	RTM	MSA Talk and Music	PM97	JARL
7130		2009	08	06	13:55	<1355-1800	A3E				CHN		ZHO Talk and Music 7185KHz same Program	PM97	JARL
7130		2009	08	07	12:56	<1258-1350>	A3E			226	MLA	RTM	MSA Talk and Music	PM97	JARL
7130		2009	08	07	13:55	<1355-1800	A3E				CHN		ZHO Talk and Music 7185KHz same Program	PM97	JARL
7130		2009	08	08	11:28	<1128-1352>	A3E			226	MLA	RTM	MSA Talk and Music	PM97	JARL
7130		2009	08	08	13:55	<1355-1800	A3E				CHN		ZHO Talk and Music 7185KHz same Program	PM97	JARL
7130		2009	08	09	10:08	<1008-1208>	A3E			226	MLA	RTM	MSA Talk and Music	PM97	JARL
7130		2009	08	09	13:00	<1300>	A3E			214	TWN	R.Taiwan Intl	JPN Talk and Music QSY from 9735KHz	PM97	JARL
7130		2009	08	09	13:55	<1355-1800	A3E				CHN		ZHO Talk and Music 7185KHz same Program	PM97	JARL
7130		2009	08	10	08:00	<0800-1350>	A3E			214	TWN	R.Taiwan Intl	JPN Talk and Music QSY from 1.1605MHz	PM97	JARL
7130		2009	08	10	12:12	<1212>	A3E			226	MLA	RTM	MSA Talk and Music	PM97	JARL
7130		2009	08	10	13:55	<1355-1800	A3E				CHN		ZHO Talk and Music 7185KHz same Program	PM97	JARL
7130		2009	08	11	08:00	<0800-1354>	A3E			214	TWN	R.Taiwan Intl	JPN Talk and Music	PM97	JARL
7130		2009	08	11	10:40	<1040-1208>	A3E			226	MLA	RTM	MSA Talk and Music	PM97	JARL
7130		2009	08	11	13:55	<1355-1800	A3E				CHN		ZHO Talk and Music 7185KHz same Program	PM97	JARL
7130		2009	08	12	08:00	<0800-1300>	A3E			214	TWN	R.Taiwan Intl	JPN Talk and Music	PM97	JARL
7130		2009	08	12	10:32	<1032-1208>	A3E			226	MLA	RTM	MSA Talk and Music	PM97	JARL
7130		2009	08	12	13:55	<1355-1800	A3E				CHN		ZHO Talk and Music 7185KHz same Program	PM97	JARL
7130		2009	08	12	13:55	<1355-1800	A3E				CHN		ZHO Talk and Music 7185KHz same Program	PM97	JARL
7130		2009	08	12	13:55	<1355-1800	A3E				CHN		ZHO Talk and Music 7185KHz same Program	PM97	JARL
7130		2009	08	12	13:55	<1355-1800	A3E				CHN		ZHO Talk and Music 7185KHz same Program	PM97	JARL

kHz	BW	YYYY	MM	DD	GMT	Time	Emm	Bd	Sft	Hdg	ADM	ID	Description	Grid	Source
7130		2009	08	12	13:55	<1355-1800	A3E				CHN		ZHO Talk and Music 7185KHz same Program	PM97	JARL
7130		2009	08	13	08:00	<0800-1300>	A3E			214	TWN	R.Taiwan Intl	JPN Talk and Music	PM97	JARL
7130		2009	08	13	10:38	<1038-1210>	A3E			226	MLA	RTM	MSA Talk and Music	PM97	JARL
7130		2009	08	13	10:52	<1042>	N0N						no modulation	PM97	JARL
7130		2009	08	13	13:55	<1355-1800	A3E				CHN		ZHO Talk and Music 7185KHz same Program	PM97	JARL
7130		2009	08	14	08:00	<0800-1300>	A3E			214	TWN	R.Taiwan Intl	JPN Talk and Music	PM97	JARL
7130		2009	08	14	13:55	<1355-1800	A3E				CHN		ZHO Talk and Music 7185KHz same Program	PM97	JARL
7130		2009	08	15	10:30	<1030-1206>	A3E			226	MLA	RTM	MSA Talk and Music	PM97	JARL
7130		2009	08	15	13:45	<1345>	A3E			214	TWN	R.Taiwan Intl	JPN Talk and Music	PM97	JARL
7130		2009	08	15	13:55	<1355-1800	A3E				CHN		ZHO Talk and Music 7185KHz same Program	PM97	JARL
7130		2009	08	16	08:00	<0800-1308>	A3E			214	TWN	R.Taiwan Intl	JPN Talk and Music	PM97	JARL
7130		2009	08	16	10:10	<1060-1208>	A3E			226	MLA	RTM	MSA Talk and Music	PM97	JARL
7130		2009	08	16	13:55	<1355-1800	A3E				CHN		ZHO Talk and Music 7185KHz same Program	PM97	JARL
7130		2009	08	17	09:40	<0940>	A3E			226	MLA	RTM	MSA Talk and Music	PM97	JARL
7130		2009	08	17	10:50	<1050-1250>	N0N						no modulation	PM97	JARL
7130		2009	08	17	11:00	<1100-1300>	A3E			214	TWN	R.Taiwan Intl	JPN Talk and Music	PM97	JARL
7130		2009	08	17	13:55	<1355-1800	A3E				CHN		ZHO Talk and Music 7185KHz same Program	PM97	JARL
7130		2009	08	18	08:00	<0800-1300>	A3E			214	TWN	R.Taiwan Intl	JPN Talk and Music	PM97	JARL
7130		2009	08	18	09:32	<0932-1206>	A3E			226	MLA	RTM	MSA Talk and Music	PM97	JARL
7130		2009	08	18	12:51	<1251>	N0N						no modulation	PM97	JARL
7130		2009	08	19	09:38	<0938-1410>	A3E			226	MLA	RTM	MSA Talk and Music	PM97	JARL
7130		2009	08	20	09:34	<0934-1406>	A3E			226	MLA	RTM	MSA Talk and Music	PM97	JARL
7130		2009	08	24	10:08	<1008>	A3E			226	MLA	RTM	MSA Talk and Music	PM97	JARL
7130		2009	08	28	12:06	<1206-1306>	A3E			226	MLA	RTM	MSA Talk and Music	PM97	JARL
7130		2009	08	29	10:06	<1006-1206>	A3E			226	MLA	RTM	MSA Talk and Music	PM97	JARL
7135		2009	08	05	10:00	<1000-1014>	A3E					R.Belarus	Radio Belarus S9 + 10db	RE66IM	NZART
7135		2009	08	06	08:30	<0830-0936>	A3E						S9 +10 db	RE66IM	NZART
7135		2009	08	18	02:08	<0208>	J3E/U				CLN		SINHALA SPEAKING OM-OM QSOs	MK82	ARSI
7140		2009	08	05	10:21	<1021>	A3E				KRE	VoKorea	DPR Korean <confirmed audio sample>	RF80hl	NZART
7140		2009	08	DY	02:10	<0020-1308>	A3E			321	KRE	VoKorea	ZHO/KOR/ENG Talk and Music	PM97	JARL
7145		2009	08	01	12:54	<1254-1340>	A3E			237	LAO	Lao National R	LAO? Talk and Music	PM97	JARL
7145		2009	08	02	12:54	<1254-1310>	A3E			237	LAO	Lao National R	LAO? Talk and Music	PM97	JARL
7145		2009	08	03	12:54	<1254-1340>	A3E			237	LAO	Lao National R	LAO? Talk and Music	PM97	JARL
7145		2009	08	04	12:52	<1252-1348>	A3E			237	LAO	Lao National R	LAO? Talk and Music	PM97	JARL
7145		2009	08	05	13:46	<1346>	A3E			237	LAO	Lao National R	ENG Talk and Music	PM97	JARL
7145		2009	08	06	12:54	<1254-1314>	A3E			237	LAO	Lao National R	LAO? Talk and Music	PM97	JARL
7145		2009	08	07	12:52	<1252-1310>	A3E			237	LAO	Lao National R	LAO? Talk and Music	PM97	JARL
7145		2009	08	08	12:52	<1252-1312>	A3E			237	LAO	Lao National R	LAO? Talk and Music	PM97	JARL
7145		2009	08	09	12:54	<1254>	A3E			237	LAO	Lao National R	LAO? Talk and Music	PM97	JARL
7145		2009	08	10	13:40	<1340>	A3E			237	LAO	Lao National R	ENG Talk and Music	PM97	JARL
7145		2009	08	11	12:54	<1254>	A3E			237	LAO	Lao National R	LAO? Talk and Music	PM97	JARL
7145		2009	08	13	12:56	<1254-1420>	A3E			237	LAO	Lao National R	LAO? Talk and Music	PM97	JARL
7145		2009	08	14	12:54	<1254>	A3E			237	LAO	Lao National R	LAO? Talk and Music	PM97	JARL
7149		2009	08	25	09:40	0940	A1A						4 CHAR CIPHER GROUPS MIXED NUMBERS + LTRS	QG52XI	WIA
7165		2009	08	01	15:08	<1508-1710>	A3E						unkown ARA? Talk and Music	PM97	JARL
7165		2009	08	02	16:08	<1608>	A3E						unkown ARA? Talk and Music	PM97	JARL

kHz	BW	YYYY	MM	DD	GMT	Time	Emm	Bd	Sft	Hdg	ADM	ID	Description	Grid	Source
7165		2009	08	03	15:08	<1408-1710>	A3E						unkown ARA? Talk and Music	PM97	JARL
7165		2009	08	04	17:06	<1706>	A3E						unkown ARA? Talk and Music	PM97	JARL
7165		2009	08	05	16:08	<1608-1710>	A3E						unkown ARA? Talk and Music	PM97	JARL
7165		2009	08	06	17:10	<1710>	A3E						unkown ARA? Talk and Music	PM97	JARL
7165		2009	08	08	16:08	<1608>	A3E						unkown ARA? Talk and Music	PM97	JARL
7165		2009	08	09	16:20	<1620>	A3E						unkown ARA? Talk and Music	PM97	JARL
7165		2009	08	15	17:04	<1704>	A3E						unkown ARA? Talk and Music	PM97	JARL
7165		2009	08	16	17:08	<1708>	A3E						unkown ARA? Talk and Music	PM97	JARL
7165		2009	08	17	17:04	<1704>	A3E						unkown ARA? Talk and Music	PM97	JARL
7165		2009	08	18	17:04	<1704>	A3E						unkown ARA? Talk and Music	PM97	JARL
7165		2009	08	19	17:04	<1704>	A3E						unkown ARA? Talk and Music	PM97	JARL
7165		2009	08	24	17:04	<1704>	A3E						unkown ARA? Talk and Music	PM97	JARL
7165		2009	08	25	17:04	<1704>	A3E						unkown ARA? Talk and Music	PM97	JARL
7165		2009	08	27	15:04	<1504-1704>	A3E						unkown ARA? Talk and Music	PM97	JARL
7165		2009	08	28	15:06	<1506-1706>	A3E						unkown ARA? Talk and Music	PM97	JARL
7165		2009	08	29	17:04	<1704>	A3E						unkown ARA? Talk and Music	PM97	JARL
7180		2009	08	DY	21:18	<2118-2340>	A3E			321	KRE	VoKorea	KOR/ZHO Talk and Music	PM97	JARL
7181	6	2009	08	18	12:10	<1210>	XXX						white noise mode type JM	PM97	JARL
7185		2009	08	01	09:57	<0957-1000	N0N						no modulation	PM97	JARL
7185		2009	08	01	10:00	1000-1700	A3E				CHN		ZHO Talk and Music	PM97	JARL
7185		2009	08	01	10:00	1000-1700	A3E			214	TWN	R.Taiwan Intl	ZHO Talk and Music	PM97	JARL
7185		2009	08	02	09:58	<0958-1000	N0N						no modulation	PM97	JARL
7185		2009	08	02	10:00	1000-1700	A3E				CHN		ZHO Talk and Music	PM97	JARL
7185		2009	08	02	10:00	1000-1700	A3E			214	TWN	R.Taiwan Intl	ZHO Talk and Music	PM97	JARL
7185		2009	08	03	09:51	<0951-1000	N0N						no modulation	PM97	JARL
7185		2009	08	03	10:00	1000-1700	A3E				CHN		ZHO Talk and Music	PM97	JARL
7185		2009	08	03	10:00	1000-1700	A3E			214	TWN	R.Taiwan Intl	ZHO Talk and Music	PM97	JARL
7185		2009	08	04	09:55	<0955-1000	N0N						no modulation	PM97	JARL
7185		2009	08	04	10:00	1000-1700	A3E				CHN		ZHO Talk and Music	PM97	JARL
7185		2009	08	04	10:00	1000-1700	A3E			214	TWN	R.Taiwan Intl	ZHO Talk and Music	PM97	JARL
7185		2009	08	05	09:51	<0951-1000	N0N						no modulation	PM97	JARL
7185		2009	08	05	10:00	1000-1700	A3E				CHN		ZHO Talk and Music	PM97	JARL
7185		2009	08	05	10:00	1000-1700	A3E			214	TWN	R.Taiwan Intl	ZHO Talk and Music	PM97	JARL
7185		2009	08	05	10:07	<1007-1026>	A3E						ZHO broadcast station	RF80hl	NZART
7185		2009	08	06	10:00	1000-1700	A3E				CHN		ZHO Talk and Music	PM97	JARL
7185		2009	08	06	10:00	1000-1700	A3E			214	TWN	R.Taiwan Intl	ZHO Talk and Music	PM97	JARL
7185		2009	08	07	09:51	<0951-1000	N0N						no modulation	PM97	JARL
7185		2009	08	07	10:00	1000-1700	A3E				CHN		ZHO Talk and Music	PM97	JARL
7185		2009	08	07	10:00	1000-1700	A3E			214	TWN	R.Taiwan Intl	ZHO Talk and Music	PM97	JARL
7185		2009	08	08	10:00	1000-1700	A3E				CHN		ZHO Talk and Music	PM97	JARL
7185		2009	08	08	10:00	1000-1700	A3E			214	TWN	R.Taiwan Intl	ZHO Talk and Music	PM97	JARL
7185		2009	08	09	09:51	<0951-1000	N0N						no modulation	PM97	JARL
7185		2009	08	09	10:00	1000-1700	A3E				CHN		ZHO Talk and Music	PM97	JARL
7185		2009	08	09	10:00	1000-1700	A3E			214	TWN	R.Taiwan Intl	ZHO Talk and Music	PM97	JARL
7185		2009	08	10	09:51	<0951-1000	N0N						no modulation	PM97	JARL
7185		2009	08	10	10:00	1000-1700	A3E				CHN		ZHO Talk and Music	PM97	JARL

kHz	BW	YYYY	MM	DD	GMT	Time	Emm	Bd	Sft	Hdg	ADM	ID	Description	Grid	Source
7185		2009	08	10	10:00	1000-1700	A3E			214	TWN	R.Taiwan Intl	ZHO Talk and Music	PM97	JARL
7185		2009	08	11	09:54	<0954-1000	N0N						no modulation	PM97	JARL
7185		2009	08	11	10:00	1000-1700	A3E				CHN		ZHO Talk and Music	PM97	JARL
7185		2009	08	11	10:00	1000-1700	A3E			214	TWN	R.Taiwan Intl	ZHO Talk and Music	PM97	JARL
7185		2009	08	12	10:00	1000-1700	A3E				CHN		ZHO Talk and Music	PM97	JARL
7185		2009	08	12	10:00	1000-1700	A3E			214	TWN	R.Taiwan Intl	ZHO Talk and Music	PM97	JARL
7185		2009	08	12	10:45	<1045-1103>	A3E						Broadcast Station with another underneath, possibly R.Taiwan	RF72IS	NZART
7185		2009	08	12	10:45	<1045-1103>	A3E						Broadcast Station with another underneath, possibly R.Taiwan	RF72IS	NZART
7185		2009	08	13	09:51	<0951-1000	N0N						no modulation	PM97	JARL
7185		2009	08	13	10:00	1000-1700	A3E				CHN		ZHO Talk and Music	PM97	JARL
7185		2009	08	13	10:00	1000-1700	A3E			214	TWN	R.Taiwan Intl	ZHO Talk and Music	PM97	JARL
7185		2009	08	14	09:51	<0951-1000	N0N						no modulation	PM97	JARL
7185		2009	08	14	10:00	1000-1700	A3E				CHN		ZHO Talk and Music	PM97	JARL
7185		2009	08	14	10:00	1000-1700	A3E			214	TWN	R.Taiwan Intl	ZHO Talk and Music	PM97	JARL
7185		2009	08	15	09:52	<0952-1000	N0N						no modulation	PM97	JARL
7185		2009	08	15	10:00	1000-1700	A3E				CHN		ZHO Talk and Music	PM97	JARL
7185		2009	08	15	10:00	1000-1700	A3E			214	TWN	R.Taiwan Intl	ZHO Talk and Music	PM97	JARL
7185		2009	08	16	09:50	<0950-1000	N0N						no modulation	PM97	JARL
7185		2009	08	16	10:00	1000-1700	A3E				CHN		ZHO Talk and Music	PM97	JARL
7185		2009	08	17	09:50	<0950-1000	N0N						no modulation	PM97	JARL
7185		2009	08	17	10:00	1000-1700	A3E				CHN		ZHO Talk and Music	PM97	JARL
7192		2009	08	27	11:08	<1108>	XXX						Moterboat type JM	PM97	JARL
7200	6	2009	08	02	16:14	<1614>	XXX						white noise mode type JM	PM97	JARL
7200	6	2009	08	03	16:12	<1612>	XXX						white noise mode type JM	PM97	JARL
7200	6	2009	08	05	15:12	<1512>	XXX						white noise mode type JM	PM97	JARL
7200		2009	08	DY	09:38	<0910-2122>	A3E			352	RUS	NVK R.Sakha	RUS Talk and Music. Also reported at 15 degs	PM97	JARL
7200		2009	08	DY	14:12	<1412-1808>	A3E						unkown ARA? Talk and Music	PM97	JARL
10128		2009	08	28	20:00	<2000-2110>	P0N				GCA		OTHR Cyprus S3-S9	RF74IC	NZART
10128		2009	08	29	22:10	<2210>	P0N				GCA		OTHR	RE66IM	NZART
10131		2009	08	11	04:50	<0450-0456>	J3E/U				CLN		SINHALA SPEAKING OM-OM QSOs	MK82	ARSI
14000		2009	08	07	02:05	<0205-0210>	J3E/U				CLN		SINHALA SPEAKING OM-OM QSOs	MK82	ARSI
14000		2009	08	11	23:25	2325-0115	J3E/U						Group of males, work from boats	OF84wx	WIA
14000		2009	08	12	23:40	2340>	J3E/U						Group of males	OF84wx	WIA
14000		2009	08	13	23:35	2335-2400	J3E/U						2 groups of males, no qrm to each	OF84wx	WIA
14000		2009	08	17	00:12	0012-0045	J3E/U						1 male several calls, on-off, no response	OF84wx	WIA
14000		2009	08	17	08:18	0818-0832	J3E/L						Group of males, Indonesian	OF84wx	WIA
14000		2009	08	17	23:25	2325-2350	J3E/U						2 groups of males, no qrm to each other	OF84wx	WIA
14000		2009	08	21	08:00	0800	J3E/U						ORIENTAL	QG52XI	WIA
14000		2009	08	23	23:40	2340-2355	J3E/U						Group of males	OF84wx	WIA
14000		2009	08	24	09:00	0900-0915	J3E/U						Group of males, work from boats	OF84wx	WIA
14000		2009	08	25	00:15	0015-0055	J3E/U						Group of males, work from boats	OF84wx	WIA
14000		2009	08	25	08:40	0840	J3E/U						ORIENTAL, SOUNDS CHINESE	QG52XI	WIA
14000		2009	08	30	00:00	0000-0040	J3E/U						Group of males	OF84wx	WIA
14000		2009	08	DY	XX:XX	XXXX-XXXX	J3E/?				INS		Non-Amateurs. Reported as 00XX-23XX	RF72LQ	NZART
14000.6		2009	08	08	03:00	<0300-0310>	F1D	50	850	275			RTTY (FSK) Encrypted	RF80HL	NZART
14000.6		2009	08	08	03:00	<0300-0310>	F1D	50	850				RTTY (FSK) Encrypted	RE66IM	NZART

kHz	BW	YYYY	MM	DD	GMT	Time	Emm	Bd	Sft	Hdg	ADM	ID	Description	Grid	Source
14001		2009	08	24	02:13	<0213-0218>	J3E/L				CLN		SINHALA SPEAKING OM-OM QSOs	MK82	ARSI
14001		2009	08	DY	00:XX	00XX-23XX	F1D		850				RTTY, old mil/comml/ham std, SM0BRF says 110 deg at S7 Encrypted	RE54FD	NZART
14001.3		2009	08	25	08:02	<0802-0808>	J3E/U				CLN		SINHALA SPEAKING OM-OM QSOs	MK82	ARSI
14002	10	2009	08	09	22:54	<22:54>	PXX			315	RUS		OTHR S7	RF73MF	NZART
14002.2		2009	08	14	00:35	0035-0040	J3E/L						Group of males	OF84wx	WIA
14002.3	3	2009	08	11	08:00	0800	G7B						RTTY BUT NO KNOWN BAUD RATE	QG52XI	WIA
14002.5		2009	08	09	04:30	<0430-0515>	F1B	40	850				Encrypted	RF72LQ	NZART
14003	9	2009	08	09	20:45	<2045>	PXX			315	RUS		OTHR S7	RF73MF	NZART
14005		2009	08	21	03:15	<0315-0320>	J3E/U				CLN		SINHALA SPEAKING OM-OM QSOs	MK82	ARSI
14005		2009	08	24	02:54	<0254-0258>	J3E/U				CLN		SINHALA SPEAKING OM-OM QSOs	MK82	ARSI
14005		2009	08	25	02:35	<0235-0250>	J3E/U				CLN		SINHALA SPEAKING OM-OM QSOs	MK82	ARSI
14005		2009	08	27	02:50	<0250-0255>	J3E/U				CLN		SINHALA SPEAKING OM-OM QSOs	MK82	ARSI
14005		2009	08	28	02:35	<0235-0240>	J3E/U				CLN		SINHALA SPEAKING OM-OM QSOs	MK82	ARSI
14005.6		2009	08	19	23:45	2345>	J3E/U						2 males	OF84wx	WIA
14007	14	2009	08	29	14:25	<1425>	PXX				GCA		CENTRED ON 14000; 13986 TO 14014 Khz	MK82	ARSI
14007.1		2009	08	25	01:55	<0155-0205	F1B						VERY STRONG	MK82	ARSI
14008	3	2009	08	19	10:20	1020	G7B						LOW BAUD RATE BUT NO DECODES	QG52XI	WIA
14009.7		2009	08	15	00:55	0055>	J3E/L						2 males	OF84wx	WIA
14009.7		2009	08	20	08:50	0850	J3E/U						ORIENTAL	QG52XI	WIA
14009.7		2009	08	28	09:00	0900	J3E/L						ORIENTAL	QG52XI	WIA
14009.8		2009	08	13	08:30	0830	J3E/L						ORIENTAL	QG52XI	WIA
14014		2009	08	02	00:30	0030>	J3E/U						2 males	OF84wx	WIA
14014		2009	08	27	02:50	<0250-0255>	J3E/U				CLN		SINHALA SPEAKING OM-OM QSOs	MK82	ARSI
14015.3		2009	08	27	07:15	0715	J3E/U						ORIENTAL	QG52XI	WIA
14015.8		2009	08	27	06:50	0650	A1A						5 CHAR CIPHER LOTS OF NON-ENGLISH CHAR	QG52XI	WIA
14016		2009	08	10	10:10	1010	A1A						5 CHAR CIPHER LOTS OF NON-ENGLISH CHAR	QG52XI	WIA
14019		2009	08	10	23:30	2330>	J3E/U						Group of males	OF84wx	WIA
14019.5		2009	08	02	07:35	0735>	J3E/U						Group of males	OF84wx	WIA
14019.7		2009	08	11	08:10	0810	J3E/U						ORIENTAL, NIGHTLY	QG52XI	WIA
14020		2009	08	01	08:30	0830	J3E/U						ORIENTAL LANGUAGE	QG52XI	WIA
14020.2		2009	08	21	12:10	<1210-1215>	J3E/U				CLN		SINHALA SPEAKING OM-OM QSOs	MK82	ARSI
14020.2		2009	08	22	03:08	<0308-0312>	J3E/U				CLN		SINHALA SPEAKING OM-OM QSOs	MK82	ARSI
14020.2		2009	08	25	07:40	<0740-0750>	J3E/U				CLN		SINHALA SPEAKING OM-OM QSOs	MK82	ARSI
14020.2		2009	08	27	02:50	<0250-0255>	J3E/U				CLN		SINHALA SPEAKING OM-OM QSOs	MK82	ARSI
14022		2009	08	22	08:15	0815	J3E/U						ORIENTAL	QG52XI	WIA
14024		2009	08	16	02:44	<0244-0246	J3E/U				CLN		SINHALA SPEAKING OM-OM QSOs	MK82	ARSI
14024.1		2009	08	18	02:20	<0220>	J3E/U				CLN		SINHALA SPEAKING OM-OM QSOs	MK82	ARSI
14025		2009	08	02	07:30	0730	J3E/U						ORIENTAL LANGUAGE	QG52XI	WIA
14025.5		2009	08	14	23:30	2330>	J3E/U						Group of males	OF84wx	WIA
14025.6		2009	08	13	00:05	0005>	J3E/U						Group of males	OF84wx	WIA
14025.6		2009	08	22	00:03	0003>	J3E/U						2 males	OF84wx	WIA
14028		2009	08	13	23:55	2355>	J3E/U						2 males	OF84wx	WIA
14028		2009	08	21	08:15	0815	J3E/L						ORIENTAL	QG52XI	WIA
14028	0.3	2009	08	26	07:40	0740	F1B		250				250 HZ SHIFT, MODEST BAUD RATE BUT NO DECODES	QG52XI	WIA
14028		2009	08	30	23:30	2330-0035	J3E/U						Group of males	OF84wx	WIA
14030		2009	08	18	23:45	2345>	J3E/U						Group of males	OF84wx	WIA

kHz	BW	YYYY	MM	DD	GMT	Time	Emm	Bd	Sft	Hdg	ADM	ID	Description	Grid	Source
14030		2009	08	25	00:20	0020>	J3E/U						Group of males	OF84wx	WIA
14032		2009	08	04	07:40	0740	J3E/U						ORIENTAL	QG52XI	WIA
14032.5		2009	08	05	08:15	0815	J3E/U						ORIENTAL	QG52XI	WIA
14033		2009	08	29	01:44	<0144-0147	J3E/U				CLN		SINHALA SPEAKING OM-OM QSOs	MK82	ARSI
14033.3		2009	08	24	00:05	0005-0100	J3E/U						Group of males	OF84wx	WIA
14033.7		2009	08	28	08:30	0830	J3E/U						ORIENTAL, SOUNDS CHINESE	QG52XI	WIA
14033.8		2009	08	20	08:05	0805>	J3E/U						2 males. On and off	OF84wx	WIA
14033.8		2009	08	22	23:30	2330-0008	J3E/U						Group of males	OF84wx	WIA
14033.8		2009	08	24	08:05	0805-0920	J3E/U						ORIENTAL, NIGHTLY	QG52XI	WIA
14033.8		2009	08	29	00:25	0025>	J3E/U						2 males	OF84wx	WIA
14034		2009	08	28	08:30	0830	J3E/L						ORIENTAL, SOUNDS CHINESE	QG52XI	WIA
14037.3		2009	08	03	07:15	0715	J3E/U						LIKE SELCALL TONES	QG52XI	WIA
14039.8		2009	08	20	23:49	2349>	J3E/U						Group of males	OF84wx	WIA
14039.9		2009	08	14	07:50	0750	J3E/L						ORIENTAL, NOT CHINESE	QG52XI	WIA
14040	4	2009	08	08	03:45	<0345>	A3E				IND	AIR	HARMONIC FROM TIRUCHCHIRAPPALLI (15X936KHz)	MK81	ARSI
14040		2009	08	17	07:56	0756-0916	J3E/U						Group of males	OF84wx	WIA
14040		2009	08	27	00:03	0003>	J3E/U						Group of males	OF84wx	WIA
14040		2009	08	27	09:07	0907>	J3E/U						Group of males	OF84wx	WIA
14040.8		2009	08	23	23:40	2340-2350	J3E/U						Group of males	OF84wx	WIA
14041		2009	08	27	07:30	0730	J3E/U						ORIENTAL	QG52XI	WIA
14042		2009	08	27	09:15	0915>	J3E/U						Female male, Indonesian	OF84wx	WIA
14042.7		2009	08	12	10:00	1000	J3E/U						ORIENTAL	QG52XI	WIA
14046		2009	08	06	09:10	0910	J3E/U						ORIENTAL FAMILY NET, ENGINE NOISE	QG52XI	WIA
14046		2009	08	24	09:10	0910	J3E/U						ORIENTAL, TONAL	QG52XI	WIA
14048		2009	08	15	00:30	0030>	J3E/U						Group of males	OF84wx	WIA
14048		2009	08	23	05:50	0550	J3E/U						ORIENTAL, NOT CHINESE	QG52XI	WIA
14050	1	2009	08	26	07:50	0750	J3X			310			SSB, STEADY 50 HZ MOD + IMDs TO AROUND 1 KHZ	QG52XI	WIA
14050.7		2009	08	13	00:08	0008>	J3E/U						2 males	OF84wx	WIA
14051		2009	08	19	00:18	0018>	J3E/L						2 males	OF84wx	WIA
14051		2009	08	20	00:18	0018>	J3E/U						Group of males	OF84wx	WIA
14053.3		2009	08	21	07:50	0750	J3E/U						ORIENTAL	QG52XI	WIA
14054	7	2009	08	09	20:42	<2042-2250>	PXX			315	RUS		OTHR S6	RF73MF	NZART
14054	6	2009	08	09	22:54	<2254>	PXX			315	RUS		OTHR	RF73MF	NZART
14055		2009	08	28	08:50	0850>	J3E/U						Female-male	OF84wx	WIA
14056.3		2009	08	14	08:05	0805	J3E/U						ORIENTAL	QG52XI	WIA
14056.4		2009	08	03	08:05	0805	J3E/U						ORIENTAL, LIKELY INDO, NIGHTLY	QG52XI	WIA
14056.5		2009	08	02	07:20	0720>	J3E/U						Group of males	OF84wx	WIA
14056.5		2009	08	21	08:00	0800	J3E/U						CHINESE, DAILY SKED	QG52XI	WIA
14060		2009	08	24	07:45	0745>	J3E/U						2 males 1 female, on-off	OF84wx	WIA
14061	5	2009	08	18	09:15	0915	G7B						7 PSK CARRIERS, HIGH BAUD RATE	QG52XI	WIA
14063.2		2009	08	28	23:45	2345-0005	J3E/U						2 males	OF84wx	WIA
14064		2009	08	26	07:30	0730	N0N			310			CARRIER	QG52XI	WIA
14065		2009	08	01	00:00	0000-0030	A3E				PHL	VoAmerica	Re/broadcast of Indonesian news service	OF84wx	WIA
14065		2009	08	02	00:00	0000-0030	A3E				PHL	VoAmerica	Re/broadcast of Indonesian news service	OF84wx	WIA
14065		2009	08	03	00:00	0000-0030	A3E				PHL	VoAmerica	Re/broadcast of Indonesian news service	OF84wx	WIA
14065		2009	08	05	00:00	0000-0030	A3E				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	08	06	00:00	0000-0033	A3E				PHL	VoAmerica	Re/broadcast of Indonesian news service	OF84wx	WIA
14065		2009	08	07	00:00	0000-0032	A3E				PHL	VoAmerica	Re/broadcast of Indonesian news service	OF84wx	WIA
14065		2009	08	08	00:00	0000-0030	A3E				PHL	VoAmerica	Re4/b/cast of Indonesian news service	OF84wx	WIA
14065		2009	08	09	00:00	0000-0030	A3E				PHL	VoAmerica	Re/bvroadxcast of Indonesian news service	OF84wx	WIA
14065		2009	08	10	00:00	0000-0030	A3E				PHL	VoAmerica	Re/broadcast of Indonesian news service	OF84wx	WIA
14065		2009	08	11	00:00	0000-0030	A3E				PHL	VoAmerica	Re/broadcast of Indonesian news service	OF84wx	WIA
14065		2009	08	12	00:00	0000-0030	A3E				PHL	VoAmerica	Re/broadcast of Indonesian news service	OF84wx	WIA
14065		2009	08	13	00:00	0000-0030	A3E				PHL	VoAmerica	Te/broadcast of Indonesian news service	OF84wx	WIA
14065		2009	08	14	00:00	0000-0030	A3E				PHL	VoAmerica	Re/broadcast of Indonesian news service	OF84wx	WIA
14065		2009	08	15	00:00	0000-0030	A3E				PHL	VoAmerica	Re/broadcast of Indonesian news service	OF84wx	WIA
14065		2009	08	16	00:00	0000	A3E				PHL	VoAmerica	VOICE OF AMERICA MALAY	QG52XI	WIA
14065		2009	08	16	00:00	0000-0030	A3E				PHL	VoAmerica	Re/broadcast of Indonesian news service	OF84wx	WIA
14065		2009	08	17	00:00	0000-0030	A3E				PHL	VoAmerica	Re/broadcast of Indonesian news service	OF84wx	WIA
14065		2009	08	18	00:00	0000-0030	A3E				PHL	VoAmerica	Re/broadcast of Indonesian news service	OF84wx	WIA
14065		2009	08	19	00:00	0000-0030	A3E				PHL	VoAmerica	Re/broadcast of Indonesian news service	OF84wx	WIA
14065		2009	08	20	00:00	0000-0030	A3E				PHL	VoAmerica	Re/broadcast of Indonesian news service	OF84wx	WIA
14065		2009	08	21	00:00	0000-0030	A3E				PHL	VoAmerica	Re/broadcast of Indonesian news service	OF84wx	WIA
14065		2009	08	22	00:00	0000-0030	A3E				PHL	VoAmerica	Re/broadcast of Indonesian news service	OF84wx	WIA
14065		2009	08	23	00:00	0000-0030	A3E				PHL	VoAmerica	Re/broadcast of Indonesian news service	OF84wx	WIA
14065		2009	08	24	00:00	0000-0030	A3E				PHL	VoAmerica	Re/broadcast of Indonesian news service	OF84wx	WIA
14065		2009	08	25	00:00	0000-0030	A3E				PHL	VoAmerica	Re/broadcast of Indonesian news service	OF84wx	WIA
14065		2009	08	26	00:00	0000-0030	A3E				PHL	VoAmerica	Re/broadcast of Indonesian news service	OF84wx	WIA
14065		2009	08	27	00:00	0000-0030	A3E				PHL	VoAmerica	Re/broadcast of Indonesian news service	OF84wx	WIA
14065		2009	08	28	00:00	0000-0030	A3E				PHL	VoAmerica	Re/broadcast of Indonesian news service	OF84wx	WIA
14065		2009	08	29	00:00	0000-0030	A3E				PHL	VoAmerica	Re/broadcast of Indonesian news service	OF84wx	WIA
14065		2009	08	30	00:00	0000-0030	A3E				PHL	VoAmerica	Re/broadcast of Indonesian news service	OF84wx	WIA
14067.6		2009	08	27	09:05	0905>	J3E/L						2 males	OF84wx	WIA
14067.6		2009	08	27	23:40	2340-0055	J3E/L						Group of males	OF84wx	WIA
14067.7		2009	08	26	07:55	0755	J3E/L						ORIENTAL, SOUNDS CHINESE, FISHBOATS, ENGINE NOISE	QG52XI	WIA
14070		2009	08	14	07:45	0745	J3E/L						ORIENTAL	QG52XI	WIA
14070		2009	08	15	09:00	0900	J3E/L						ORIENTAL	QG52XI	WIA
14075		2009	08	19	10:25	1025	A1A						FOREIGN LANGUAGE, MANY NON-ENGLISH CHARACTERS	QG52XI	WIA
14076		2009	08	26	00:10	0010>	J3E/U						2 males	OF84wx	WIA
14090		2009	08	03	07:10	0710	J3E/U						ORIENTAL LANGUAGE	QG52XI	WIA
14090		2009	08	27	07:20	0720	J3E/U						ORIENTAL - SOUNDS CHINESE	QG52XI	WIA
14091		2009	08	28	23:45	2345>	J3E/U						Group of males	OF84wx	WIA
14091.8		2009	08	04	01:15	0115>	J3E/U						2 males 1female	OF84wx	WIA
14094.8		2009	08	17	07:55	0755>	J3E/U						Group of males	OF84wx	WIA
14098		2009	08	11	09:30	0930	J3E/U						SOUNDS LIKE CHINESE	QG52XI	WIA
14100		2009	08	11	08:10	0810	J3E/U				INS		INDO	QG52XI	WIA
14100		2009	08	13	09:00	0900-0910	J3E/U						2 males	OF84wx	WIA
14100		2009	08	18	00:10	0010-0025	J3E/U						Group of males, Indonesians	OF84wx	WIA
14106.9		2009	08	01	01:20	0120-0155	J3E/U						2 males	OF84wx	WIA
14107	8	2009	08	09	20:41	<2041-2250>	PXX			315	RUS		OTHR S6	RF73MF	NZART
14107.5	7	2009	08	09	22:54	<2254>	PXX			315	RUS		OTHR S7	RF73MF	NZART
14108		2009	08	10	09:00	0900>	J3E/U						Male-female	OF84wx	WIA

kHz	BW	YYYY	MM	DD	GMT	Time	Emm	Bd	Sft	Hdg	ADM	ID	Description	Grid	Source
14109	2.2	2009	08	DY	00:XX	00XX-23XX	F7B					621	"621" to many other numbered stns. Not heard after 20th	RF72LQ	NZART
14110		2009	08	11	20:58	<2058-2115>	F1B	75	250				Encrypted	RF72IS	NZART
14110		2009	08	13	04:10	<0410-0630>	F1B		250				Encrypted (Used to be regular on 14104 - every 3 days)	RF72LQ	NZART
14110		2009	08	13	20:05	<2005-2100>	F1B		250				Encrypted (Used to be regular on 14104 - every 3 days)	RF72LQ	NZART
14110		2009	08	14	01:40	<0140-0500>	F1B		250				Encrypted	RF72LQ	NZART
14110		2009	08	17	07:00	<0700>	F1B		250				Encrypted	RF72LQ	NZART
14110		2009	08	18	07:55	<0755>	F1B		250				Encrypted	RF72LQ	NZART
14110		2009	08	28	00:15	0015-0045	J3E/U						Group of males	OF84wx	WIA
14110		2009	08	29	01:20	0120-0145	J3E/U						2 males	OF84wx	WIA
14110		2009	08	DY	XX:XX	XXXX-XXXX	J3E/?						NON-AMATEUR STNS. Reported as 00XX-23XX	RF72LQ	NZART
14111		2009	08	21	00:01	0001>	J3E/U						Group of males	OF84wx	WIA
14111		2009	08	26	00:45	0045-0055	J3E/U						2 males	OF84wx	WIA
14111		2009	08	31	00:07	0007-0033	J3E/L						Group of males	OF84wx	WIA
14111.1		2009	08	19	01:48	0148-0214	J3E/U						Group of males work from boats	OF84wx	WIA
14115		2009	08	18	08:40	0840-0905	J3E/L						Group of males	OF84wx	WIA
14116		2009	08	11	08:10	<0810>	F1B		250				Encrypted	RF72LQ	NZART
14117		2009	08	24	23:50	2350-0030	J3E/L						2 groups of males, no qrm to each other	OF84wx	WIA
14117.6		2009	08	15	03:55	0355-0545	J3E/L						2 males, Indonesian, QRM to Travnet	OF84wx	WIA
14117.6		2009	08	24	03:00	0300-0335	J3E/L						2 males, QRM to Travellers Net, Indonesians	OF84wx	WIA
14117.9		2009	08	19	02:40	0240-0400	J3E/L						Group of males QRM to Travellers Net	OF84wx	WIA
14120	3.3	2009	08	17	07:00	<0700>	G7B						Multi-chnl	RF72LQ	NZART
14122.2		2009	08	02	14:40	1440-1445>	J3E/U				CLN		SINHALA SPEAKING OM-OM QSOs	MK82	ARSI
14135		2009	08	01	23:00	2300-2400	A3E				PHL	VoAmerica	Re/broadcast of Philippino news service	OF84wx	WIA
14135		2009	08	02	23:00	2300-2400	A3E				PHL	VoAmerica	Re/broadcast of Philippino news service	OF84wx	WIA
14135		2009	08	04	23:00	2300-2400	A3E				PHL	VoAmerica	Re/broadcast of Philippino news service	OF84wx	WIA
14135		2009	08	05	23:00	2300-2400	A3E				PHL	VoAmerica	Re/broadcast of Philippino news service	OF84wx	WIA
14135		2009	08	06	23:00	2300-2400	A3E				PHL	VoAmerica	Re/broadcast of Philippino news service	OF84wx	WIA
14135		2009	08	07	23:00	2300-2400	A3E				PHL	VoAmerica	Re/broadcast of Philippino news service	OF84wx	WIA
14135		2009	08	08	23:00	2300-2400	A3E				PHL	VoAmerica	Re/broadcast of Philippino news service	OF84wx	WIA
14135		2009	08	09	23:00	2300-2400	A3E				PHL	VoAmerica	Re/broadcast of Philippino news service	OF84wx	WIA
14135		2009	08	10	23:00	2300-2400	A3E				PHL	VoAmerica	Re/broadcast of Philippino news service	OF84wx	WIA
14135		2009	08	11	23:00	2300-2400	A3E				PHL	VoAmerica	Re/broadcast of Philippino news service	OF84wx	WIA
14135		2009	08	12	23:00	2300-2400	A3E				PHL	VoAmerica	Re/broadcast of Philippino news service	OF84wx	WIA
14135		2009	08	13	23:00	2300-2400	A3E				PHL	VoAmerica	Re/broadcast of Philippino news service	OF84wx	WIA
14135		2009	08	14	23:00	2300-2400	A3E				PHL	VoAmerica	Re/broadcast of Philippino news service	OF84wx	WIA
14135		2009	08	15	23:00	2300-2400	A3E				PHL	VoAmerica	Re/broadcast of Philippino news service	OF84wx	WIA
14135		2009	08	16	23:00	2300-2400	A3E				PHL	VoAmerica	Re/broadcast of Philippino news service	OF84wx	WIA
14135		2009	08	17	23:00	2300-2400	A3E				PHL	VoAmerica	Re/broadcast of Philippino news service	OF84wx	WIA
14135		2009	08	18	23:00	2300-2400	A3E				PHL	VoAmerica	Re/broadcast of Philippino news service	OF84wx	WIA
14135		2009	08	19	23:00	2300-2400	A3E				PHL	VoAmerica	Re/broadcast of Philippino news service	OF84wx	WIA
14135		2009	08	20	23:00	2300-2400	A3E				PHL	VoAmerica	Re/broadcast of Philippino news service	OF84wx	WIA
14135		2009	08	21	23:00	2300-2400	A3E				PHL	VoAmerica	Re/broadcast of Philippino news service	OF84wx	WIA
14135		2009	08	22	23:00	2300-2400	A3E				PHL	VoAmerica	Re/broadcast of Philippinonews service	OF84wx	WIA
14135		2009	08	23	22:30	2230-2400	A3E				PHL	VoAmerica	Re/broadcast of Philippino news service	OF84wx	WIA
14135		2009	08	24	22:30	2230-2400	A3E				PHL	VoAmerica	Re/broadcast of Philippino news service	OF84wx	WIA
14135		2009	08	25	22:30	2230-2400	A3E				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	08	26	22:30	2230-2400	A3E				PHL	VoAmerica	Re/broadcast odf Philippino news service	OF84wx	WIA
14135		2009	08	27	22:30	2230-2400	A3E				PHL	VoAmerica	Re/broadcast of Philippino news service	OF84wx	WIA
14135		2009	08	28	22:30	2230-2400	A3E				PHL	VoAmerica	Re/broadcast of Philippino news service	OF84wx	WIA
14135		2009	08	29	22:30	2230-2400	A3E				PHL	VoAmerica	Re/broadcast of Philippino news service	OF84wx	WIA
14135		2009	08	30	22:30	2230-2400	A3E				PHL	VoAmerica	Re/broadcast of Philippino news service	OF84wx	WIA
14135		2009	08	31	22:30	2230-2400	J3E/U				PHL	VoAmerica	Re/broadcast of Philippino news service	OF84wx	WIA
14151.5		2009	08	04	00:12	0012-0100	J3E/U						Group of males	OF84wx	WIA
14151.5		2009	08	04	07:25	0725-0808	J3E/U						Group of males, on-off many times	OF84wx	WIA
14151.5		2009	08	05	00:20	0020>	J3E/U						Group of males	OF84wx	WIA
14151.5		2009	08	06	08:20	0820-0910	J3E/U						Group of males work from boats	OF84wx	WIA
14151.5		2009	08	07	00:40	0040-0046	J3E/U						2 males	OF84wx	WIA
14151.5		2009	08	07	07:50	0750-0830	J3E/U						Group of males	OF84wx	WIA
14151.5		2009	08	09	23:20	2320>	J3E/U						2 males	OF84wx	WIA
14151.6		2009	08	13	00:30	0030-0100	J3E/U						Group of males	OF84wx	WIA
14156		2009	08	17	23:35	2335>	J3E/U						2 males, chinese	OF84wx	WIA
14159	7	2009	08	09	20:40	<2040-2250>	PXX			315	RUS		OTHR S7	RF73MF	NZART
14159	8	2009	08	09	22:59	<2259>	PXX			315	RUS		OTHR S7	RF73MF	NZART
14164	10	2009	08	18	07:55	<0755>	PXX				RUS		5 sec burst every 20 secs	RF72LQ	NZART
14165		2009	08	31	00:00	0000-0030	A3E				PHL	VoAmerica	Re/broadcast of Indonesian news service	OF84wx	WIA
14212	8	2009	08	09	22:59	<2259>	PXX			315	RUS		OTHR S7	RF73MF	NZART
14216		2009	08	24	08:57	0857-0905	J3E/U						2 males. Chinese	OF84wx	WIA
14225.4		2009	08	19	01:40	0140-0147	J3E/L						Group of males	OF84wx	WIA
14250		2009	08	DY	07:30	<0730>	A3E				KRE	VoKorea	B.C. Stn	RF72LQ	NZART
14250.5		2009	08	13	07:30	0730>	A1A						Dot beacon, 2 dots /sec	OF84wx	WIA
14250.5		2009	08	14	07:00	0700>	A1A						Dot beacon, 2 dots /sec	OF84wx	WIA
14250.5		2009	08	15	08:30	0830>	A1A						Dot beacon, sends UVE in slow morse.	OF84wx	WIA
14261		2009	08	20	00:27	0027>	J3E/U							OF84wx	WIA
14263		2009	08	02	07:25	0725>	J3E/L						Group of males	OF84wx	WIA
14270		2009	08	09	23:22	2322-0042	J3E/U						Group of males, on-off	OF84wx	WIA
14277.7		2009	08	01	00:55	0055-0057	J3E/U						2 males, pass coded msgs, Indonesian	OF84wx	WIA
14277.7		2009	08	02	01:00	0100-0105	J3E/U						2 males pass coded msgs Indonesians	OF84wx	WIA
14277.7		2009	08	04	02:15	0215-0225	J3E/U						3 males pass coded msgs	OF84wx	WIA
14277.7		2009	08	05	01:12	0112-0200	J3E/U						2 groups , male-females pass coded msgs	OF84wx	WIA
14277.7		2009	08	06	01:24	0124-0125	J3E/U						2 females pass coded msgs	OF84wx	WIA
14277.7		2009	08	11	01:35	0135-0149	J3E/U						3 males pass coded msgs	OF84wx	WIA
14277.7		2009	08	16	00:35	0035-0040	J3E/U						2 males pass coded msgs,	OF84wx	WIA
14277.7		2009	08	17	01:10	0110>	J3E/U						1 male, one call no response	OF84wx	WIA
14277.7		2009	08	18	00:33	0033-0036	J3E/U						2 males pass coded msgs Indonesians	OF84wx	WIA
14277.7		2009	08	20	01:48	0148-0153	J3E/U						2 males pass coded msgs, Indonesian	OF84wx	WIA
14277.7		2009	08	24	01:38	0138-0145	J3E/U						2 males pass coded msgs Indonesians	OF84wx	WIA
14277.7		2009	08	27	02:00	0200-0205	J3E/U						2 males pass coded msgs, Indonesian	OF84wx	WIA
14277.7		2009	08	28	02:45	0245-0246	J3E/U						2 males pass coded msgs, no msgs today	OF84wx	WIA
14277.7		2009	08	29	01:00	0100-0110	J3E/U						2 males pass coded msgs Indonesians	OF84wx	WIA
14277.7		2009	08	31	00:25	0025-0030	J3E/U						2 males pass coded msgs Indonesians	OF84wx	WIA
14277.7		2009	08	31	01:09	0109-0110	J3E/U						2 males, second call, upgrade	OF84wx	WIA
14277.73		2009	08	15	01:30	0130-0139	J3E/U						2 males pass coded msgs,	OF84wx	WIA

kHz	BW	YYYY	MM	DD	GMT	Time	Emm	Bd	Sft	Hdg	ADM	ID	Description	Grid	Source
14280		2009	08	DY	07:30	<0730>	A3E				KRE	VoKorea	2f of 7140 kHz.	RF72LQ	NZART
14295		2009	08	24	08:58	0858-0905	J3E/U						2 males	OF84wx	WIA
14303		2009	08	17	00:10	0010>	J3E/U						Group of males	OF84wx	WIA
14303		2009	08	20	0024:	0024>	J3E/U						Group of males	OF84wx	WIA
14303.1		2009	08	14	08:45	0845>	J3E/U						2 males	OF84wx	WIA
14303.2		2009	08	19	08:45	0845-0930	J3E/U						Group of males	OF84wx	WIA
14304.7		2009	08	14	07:35	0735-0820	J3E/U						Male-female, Chinese, switch to LSB at 08:20	OF84wx	WIA
14304.7		2009	08	14	08:20	0820-0830	J3E/L						Male-female, Chinese, switch to LSB at 08:20	OF84wx	WIA
14318		2009	08	18	08:15	0815-0835	J3E/U						2 males, chinese	OF84wx	WIA
14323		2009	08	13	08:44	0844>	J3E/U						Male-female, Chinese	OF84wx	WIA
14326		2009	08	04	08:10	0810	J3E/L						ORIENTAL	QG52XI	WIA
14326.5		2009	08	04	08:05	0805>	J3E/L						2 males 1 female, Chinese	OF84wx	WIA
14344.3		2009	08	31	23:35	2335-0045	J3E/U						Group of males	OF84wx	WIA
21035		2009	08	09	21:07	<2107>	N0N			280			S0 No modulation, quiescent	RF73MF	NZART
21207.73		2009	08	15	04:58	<0458-0500	P0N			335	GCA		No modulation, just series of pules - went QRT at 0500 S8	RF73MF	NZART
21207.73		2009	08	15	05:05	<0505-0511>	P0N			335	GCA		No modulation, just series of pules S8	RF73MF	NZART

kHz	YYYY	MM	DD	GMT	Call	Comment	Spotter
1811.7	2009	08	28	1215	FISH	BOUY 559	K7MS
1822.0	2009	08	25	0215	FR4	Fish buoy covering HA clg CQ	W4ZV
1822.0	2009	08	25	0222	HA8FN	Bad QRG...QRM fm BCN	W4ZV
1829.0	2009	08	28	0122	3SQM	Fishnet beacon only ans to CQD	W9UCW
1845.0	2009	08	29	0353	LU0XX	pirates	PY2SX
3503.0	2009	08	27	1939	INTRUDER	USB	DK0PM
3535.0	2009	08	02	2345	PIRATES	SSB Pirates	VE9HF
3790.0	2009	08	21	0458	PIRATES	USB pirates maybe boat	EA8TL
3796.0	2009	08	07	2156	LY4A	QRM from Asian pirates on usb	VK6APK/
3799.0	2009	08	19	1141	BY7RADAR	Puking Chinese Dragon,,Thanks!	VE7JO
7002.8	2009	08	23	1455	V88HTL	With BY Radar QRM	K6IC
7007.0	2009	08	13	2125	INTRUDER	RUSIAN OR UKRANIAN COM STATIO	SV1RK
7007.0	2009	08	20	1144	RADAR	Damn this thing!	VK3HJ
7008.0	2009	08	31	2149	INTRUDER	AM BC music S6 in JO41	DJ4EY
7009.0	2009	08	13	2119	INTRUDER	AM BC S7 in JO41	DJ4EY
7009.0	2009	08	23	2145	INTRUDER	AM BC fm Russia? S7 in JO41	DJ4EY
7009.9	2009	08	26	1045	USBPIRATE	bla bla bla fishers	EA1EVA
7030.0	2009	08	15	2113	INTRUDER	AM BC S9 in JO41	DJ4EY
7030.0	2009	08	23	2147	INTRUDER	AM BC music S7 in JO41	DJ4EY
7030.0	2009	08	26	2101	INTRUDER	AM BC music S7QSB in JO41	DJ4EY
7080.0	2009	08	11	1159	BX4AA	w/BY7 radar!	NT5C
7142.0	2009	08	04	0522	???	USB pirate?	SWL
7142.0	2009	08	06	0530	PIRATES	usb, russian language	ON5KQ
7142.0	2009	08	06	0551	PIRATES	USB Russian language	DJ7YP
7163.0	2009	08	06	0637	INTRUDER	some kind of RTTY vy loud here	DF5LR
7174.0	2009	08	06	1855	INTRUDER	Strong AM BC	ON7CD
7178.0	2009	08	29	0401	ES3AX	wiped out by broadcast station	N2PL
10103.0	2009	08	28	1552	YB1AQB	cq QRM SSB intruder	DJ4MM
10113.0	2009	08	26	2005	RADAR	--> 10137.0 Worse than the old	GM4JPZ
10113.0	2009	08	26	2006	ALSO	over most of the band here	G0HIO
10113.3	2009	08	08	0531	PIRATE	SSB SOUTH AMERICA	FO5RH
10115.3	2009	08	15	2127	INTRUDERS	USB	F5JSD
10116.0	2009	08	07	1239	USB	INTRUDERS Pirate intruders SSB	DF5WW
10116.7	2009	08	20	0946	INTRUDERS	illeg. SSB Stns	DF5WW
10121.2	2009	08	25	1544	P1RATES	Chating on SSB in Arabian leng	EA8CAC
10127.0	2009	08	26	2001	RADAR	vy strong here 20db over s9	DL6CGB
10127.0	2009	08	26	2002	ALSO	in JN87 +15 dB	HA2EQD
10127.0	2009	08	26	2008	RADAR	very strong	SV2HWR
10140.0	2009	08	28	2301	RADAR	9+40 in jn45	IW2CXJ
14005.0	2009	08	06	1033	7P8MM	thanks, nw bad intruder qrm	DK5DC
14008.0	2009	08	25	1352	RTTY	intruder direction east	DL8PG
14011.0	2009	08	25	1129	2P8B	pirat?? or commercial?	9M2MRS
14014.0	2009	08	17	0743	FISHERS	galician fishers in qso, a sha	EA1CJ
14016.0	2009	08	20	0651	INTRUDER	again today, s9+40	HA1AG
14016.0	2009	08	21	0555	INTRUDER	again today, fm Russia	HA1AG
14025.0	2009	08	06	0629	P1RATES	Asian language	VK3HJ
14073.0	2009	08	14	2130	P1RAT	Pirates QPSK125	SWL
14155.0	2009	08	19	0030	P1RAT	german Pirates on Atlantic	DX1SW
14160.0	2009	08	04	1814	BOATPEOPLE	USB Oriental Fisherman	EA7BO
14162.5	2009	08	04	1351	PIRATES	from EST	I5OYY
14190.0	2009	08	07	0243	IN0TRUDER	LSB fishing boats?	W8LR
14195.0	2009	08	16	2330	1NTRUDER	9V 9M on LSB	VK2DAG
14220.0	2009	08	27	0445	K6SV/KH2	George battling the Dragon	K7JA
14245.0	2009	08	17	0034	1NTRUDER	3W or XU intruders on LSB	VK2DAG
24895.0	2009	08	02	1853	INTRUDER	russian AM	DJ5OW
28005.0	2009	08	02	1944	TAXI	busy freq sri	UA4HBW
28070.0	2009	08	09	0844	PIRATE	Russian Radio Taxi (work in 24	SQ3HXD
28175.0	2009	08	28	0731	PIRATES	CB Station	ON5QRP
28205.0	2009	08	26	2020	PIRATS	FM from france qrm	IT9/IW0
28215.0	2009	08	08	1750	PX1CB	brazilian CB intruders	SWL-1
28230.0	2009	08	06	1536	POLAND	PIRAT possible taxi	F0EQE
28255.0	2009	08	08	1752	PX1CB	more brazilian CB intruders GO	SWL-1
28275.0	2009	08	22	1848	PIRATE	cb french? lsb	G00TT
28295.0	2009	08	16	0713	F5IEP	JN37JM<>JN37JM pirates fm russ	F5IEP
28295.0	2009	08	29	1551	CBERS	truckers am	KD4ESV
28305.0	2009	08	28	1253	INTRUDER	espana in am.	F4BYF
28391.0	2009	08	21	0709	INTRUDERS	fishing guoys 59	F5PSR
28399.0	2009	08	21	0709	INTRUDERS	fishing guoys	F5PSR