



INTERNATIONAL AMATEUR RADIO UNION

REGION 3



MONITORING SYSTEM REPORT

April, 2009

B.L. Manohar Arasu VU2UR

Monthly summary:

80 metres: Chinese OTHR from Hainan was reported by JARL, also spotted from K & OE. Voice of Korea was reported by JARL & NZART.

40 metres: Chinese OTHR from Hainan was reported by JARL & NZART, also spotted from VK. Indonesian intruders were reported by NZART & WIA. The Russian single-letter CW beacons were reported by JARL & NZART. Sinhalese-speaking intruders were reported by ARSI. Broadcast stations still transmitting on 7100-7200 kHz were reported by ARSI, JARL, NZART & WIA. Frequencies reported to be still in use include: 7100, 7105, 7110, 7115, 7120, 7125, 7130, 7135, 7140, 7155, 7160, 7165, 7170, 7180, 7185, 7195 & 7200 kHz. Identified sources of reported broadcast stations included: CHN, ETH, KRE, ROU, RUS, TWN & an unknown relay site used by USA. Broadcast stations were also spotted on 7105, 7110, 7125, 7135, 7150, 7180 & 7185 kHz from EA, CT, LZ, G, I, UA9 & VK.

30 metres: Suspected British OTHR was spotted from DL, UA & HB.

20 metres: Suspected British OTHR was reported by WIA. Intermodulation distortion products of Voice of America on 14065 & 14135 kHz from PHL relay site were reported by WIA (previously reported by HARTS & also spotted from 9M). 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 & WIA.

15 metres: Suspected British OTHR was spotted from YB, VK & OE.

12 metres: Suspected British OTHR was spotted from UR.

Sources of reported signals:

Region 1: ETH, GCA, ROU, RUS, UKR

Region 2: USA

Region 3: CHN, CLN, INS, KRE, 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 - **NZART:** ZL1BAD ZL1BYA - **WIA:** VK4TJ VK6XW

kHz	BW	YYYY	MM	DD	GMT	Time	Emm	Bd	Sft	Hdg	ADM	ID	Description	Grid	Source
3560		2009	04	DY	09:00	<0900-2100>	A3E				KRE	VoKorea	reported as R.Pyongyang. B.C. st.		NZART
3560		2009	04	DY	09:14	<0914-2204>	A3E			321	KRE	VoKorea	KOR/ZHO/ENG/FRA/SPA Talk and Music	PM97	JARL
3568	24	2009	04	03	09:52	<0952-1008>	PXX				CHN		3556KHz ~ 3580KHz wide pulse mode PXX OTHR ?	PM97	JARL
7000		2009	04	24	07:45	0745	J3E/U				INS		FAMILY NET, USB	QG52XI	WIA
7000		2009	04	30	07:30	<0730>	J3E/U				INS		FAMILY NET	QG52xi	WIA
7004.6		2009	04	29	02:54	<0254-0258>	J3E/U				CLN		SINHALA SPEAKING OM-OM QSOs	MK82	ARSI
7005		2009	04	22	08:30	0830	J3E/L				INS		FAMILY NET, LSB	QG52XI	WIA
7005	10	2009	04	28	19:10	<1910>	PXX				CHN		Centred on 6990kHz		NZART
7005		2009	04	30	07:30	<0730>	J3E/L				INS		FAMILY NET	QG52xi	WIA
7010		2009	04	25	10:00	1000	J3E/L			0	INS		FAMILY NET, LSB	QG52XI	WIA
7010		2009	04	30	08:40	<0840>	J3E/L				INS		FAMILY NET	QG52xi	WIA
7015		2009	04	30	07:30	<0730>	J3E/U				INS		FAMILY NET	QG52xi	WIA
7020		2009	04	24	07:45	0745	J3E/U				INS		FAMILY NET, USB	QG52XI	WIA
7020		2009	04	25	10:15	1015	J3E/U			0	INS		FAMILY NET, USB	QG52XI	WIA
7023		2009	04	23	09:25	0925	J3E/U				INS		FAMILY NET, USB	QG52XI	WIA
7025		2009	04	24	07:45	0745	J3E/U				INS		FAMILY NET, USB	QG52XI	WIA
7025		2009	04	29	02:55	<0255-0258>	J3E/U				CLN		SINHALA SPEAKING OM-OM QSOs	MK82	ARSI
7027		2009	04	22	02:26	<0226>	J3E/U				CLN		SINHALA SPEAKING OM-OM QSOs	MK82	ARSI
7029	5	2009	04	25	10:00	1000	X7D						MULTIPLE CARRIERS	QG52XI	WIA
7033	66	2009	04	24	21:12	<2112-2208>	PXX				CHN		7000KHz ~ 7066KHz wide pulse mode PXX OTHR ?	PM97	JARL
7033	66	2009	04	29	17:08	<1708>	PXX				CHN		7000KHz ~ 7066KHz wide pulse mode PXX OTHR ?	PM97	JARL
7033	66	2009	04	30	18:12	<1812>	PXX				CHN		7000KHz ~ 7066KHz wide pulse mode PXX OTHR ?	PM97	JARL
7037		2009	04	12	19:30	<1930>	F7D				RUS		Multi-channel		NZART
7039		2009	04	01	15:02	<1502-1804>	A1A			308	RUS	A	Beacon	PM97	JARL
7039		2009	04	01	21:32	<2132>	A1A			321	RUS	F	Beacon	PM97	JARL
7039		2009	04	02	00:34	<0034-0324>	A1A			321	RUS	F	Beacon	PM97	JARL
7039		2009	04	02	15:12	<1512-1908>	A1A			308	RUS	A	Beacon	PM97	JARL
7039		2009	04	02	15:12	<1512>	A1A			325	RUS	C	Beacon	PM97	JARL
7039		2009	04	03	15:04	<1504-1906>	A1A			308	RUS	A	Beacon	PM97	JARL
7039		2009	04	04	13:08	<1308-2014>	A1A			308	RUS	A	Beacon	PM97	JARL
7039		2009	04	04	23:04	<2304>	A1A			321	RUS	F	Beacon	PM97	JARL
7039		2009	04	05	17:06	<1706-2220>	A1A			308	RUS	A	Beacon	PM97	JARL
7039		2009	04	05	19:08	<1908>	A1A			325	RUS	C	Beacon	PM97	JARL
7039		2009	04	05	23:02	<2302>	A1A			321	RUS	F	Beacon	PM97	JARL
7039		2009	04	06	15:04	<1504-2112>	A1A			308	RUS	A	Beacon	PM97	JARL
7039		2009	04	07	15:16	<1516-1816>	A1A			308	RUS	A	Beacon	PM97	JARL
7039		2009	04	08	15:04	<1504-1712>	A1A			308	RUS	A	Beacon	PM97	JARL
7039		2009	04	09	03:36	<0336>	A1A			321	RUS	F	Beacon	PM97	JARL
7039		2009	04	09	14:04	<1404-2106>	A1A			308	RUS	A	Beacon	PM97	JARL
7039		2009	04	09	21:02	<2102-2210>	A1A			321	RUS	F	Beacon	PM97	JARL
7039		2009	04	10	14:02	<1402-2008>	A1A			15	RUS	M	Beacon	PM97	JARL
7039		2009	04	10	14:06	<1406-2006>	A1A			308	RUS	A	Beacon	PM97	JARL
7039		2009	04	11	14:06	<1406-2108>	A1A			15	RUS	M	Beacon	PM97	JARL
7039		2009	04	11	14:08	<1408-2106>	A1A			308	RUS	A	Beacon	PM97	JARL
7039		2009	04	11	22:06	<2206>	A1A			321	RUS	F	Beacon	PM97	JARL
7039		2009	04	12	12:04	<1204-1702>	A1A			15	RUS	M	Beacon	PM97	JARL

kHz	BW	YYYY	MM	DD	GMT	Time	Emm	Bd	Sft	Hdg	ADM	ID	Description	Grid	Source
7039		2009	04	12	15:06	<1506-1906>	A1A			308	RUS	A	Beacon	PM97	JARL
7039		2009	04	12	23:10	<2310>	A1A			321	RUS	F	Beacon	PM97	JARL
7039		2009	04	13	10:02	<1002-2304>	A1A			15	RUS	M	Beacon	PM97	JARL
7039		2009	04	13	23:06	<2306>	A1A			321	RUS	F	Beacon	PM97	JARL
7039		2009	04	14	09:04	<0904-2104>	A1A			15	RUS	M	Beacon	PM97	JARL
7039		2009	04	15	12:02	<1202-2204>	A1A			15	RUS	M	Beacon	PM97	JARL
7039		2009	04	15	21:04	<2104-2206>	A1A			321	RUS	F	Beacon	PM97	JARL
7039		2009	04	16	12:02	<1202-1806>	A1A			15	RUS	M	Beacon	PM97	JARL
7039		2009	04	17	08:02	<0802-2102>	A1A			15	RUS	M	Beacon	PM97	JARL
7039		2009	04	18	05:10	<0510>	A1A			321	RUS	F	Beacon	PM97	JARL
7039		2009	04	18	05:12	<0512-2306>	A1A			15	RUS	M	Beacon	PM97	JARL
7039		2009	04	19	16:08	<1608-1804>	A1A			15	RUS	M	Beacon	PM97	JARL
7039		2009	04	20	11:02	<1102-2106>	A1A			15	RUS	M	Beacon	PM97	JARL
7039		2009	04	20	21:04	<2104-2310>	A1A			321	RUS	F	Beacon	PM97	JARL
7039		2009	04	21	03:44	<0344-2306>	A1A			321	RUS	F	Beacon	PM97	JARL
7039		2009	04	21	03:46	<0346-1810>	A1A			15	RUS	M	Beacon	PM97	JARL
7039		2009	04	22	07:04	<0704-2206>	A1A			15	RUS	M	Beacon	PM97	JARL
7039		2009	04	22	21:08	<2108-2208>	A1A			321	RUS	F	Beacon	PM97	JARL
7039		2009	04	23	00:44	<0044-2304>	A1A			15	RUS	M	Beacon	PM97	JARL
7039		2009	04	23	00:46	<0046>	A1A			321	RUS	F	Beacon	PM97	JARL
7039		2009	04	24	02:48	<0248-2304>	A1A			15	RUS	M	Beacon	PM97	JARL
7039		2009	04	24	23:06	<2306>	A1A			315	RUS	F	Beacon	PM97	JARL
7039		2009	04	25	12:02	<1202-2112>	A1A			15	RUS	M	Beacon	PM97	JARL
7039		2009	04	25	20:34	<2034-2114>	A1A			321	RUS	F	Beacon	PM97	JARL
7039		2009	04	26	12:02	<1202-2008>	A1A			15	RUS	M	Beacon	PM97	JARL
7039		2009	04	26	20:10	<2010>	A1A			321	RUS	F	Beacon	PM97	JARL
7039		2009	04	27	12:02	<1202-2314>	A1A			15	RUS	M	Beacon	PM97	JARL
7039		2009	04	27	23:16	<2316>	A1A			321	RUS	F	Beacon	PM97	JARL
7039		2009	04	28	07:02	<0702-2218>	A1A			14	RUS	M	Beacon	PM97	JARL
7039		2009	04	28	22:08	<2208-2220>	A1A			321	RUS	F	Beacon	PM97	JARL
7039		2009	04	29	12:02	<1202-2308>	A1A			15	RUS	M	Beacon	PM97	JARL
7039		2009	04	30	12:02	<1202-2310>	A1A			15	RUS	M	Beacon	PM97	JARL
7039		2009	04	DY	07:06	<0706-2242>	A1A			314	RUS	K	Beacon	PM97	JARL
7039		2009	04	DY	XX:XX	XXXX-XXXX	A1A				RUS	A	? Reported as 0000-2359		NZART
7039.0		2009	04	DY	XX:XX	XXXX-XXXX	A1A				RUS	C	Moscow H.Q. Reported as 0000-2359		NZART
7039.3		2009	04	DY	XX:XX	XXXX-XXXX	A1A				RUS	K	Petropavlovsk Kamchatskiy Reported as 0000-2359		NZART
7039.4		2009	04	DY	XX:XX	XXXX-XXXX	A1A				RUS	M	Magadan Reported as 0000-2359		NZART
7039.7		2009	04	DY	XX:XX	XXXX-XXXX	A1A				UKR	D	Sevastopol. Reported as 0000-2359		NZART
7039.9		2009	04	DY	XX:XX	XXXX-XXXX	A1A				RUS	S	Severomorsk Reported as 0000-2359		NZART
7056	68	2009	04	21	16:08	<1608>	PXX				CHN		7022KHz ~ 7090KHz wide pulse mode PXX OTHR ?	PM97	JARL
7058	68	2009	04	17	18:06	<1806-2112>	PXX				CHN		7024KHz ~ 7092KHz wide pulse mode PXX OTHR ?	PM97	JARL
7063	66	2009	04	07	17:14	<0714>	PXX				CHN		7030KHz ~ 7096KHz wide mode pulse OTHR ?	PM97	JARL
7063	66	2009	04	07	18:18	<1818>	PXX				CHN		7030KHz ~ 7096KHz wide mode pulse OTHR ?	PM97	JARL
7063	66	2009	04	08	17:10	<1710-2004>	PXX				CHN		7030KHz ~ 7096KHz wide mode pulse OTHR ?	PM97	JARL
7063	66	2009	04	14	17:22	<1722-1810>	PXX				CHN		7030KHz ~ 7096KHz wide mode pulse OTHR ?	PM97	JARL
7063	66	2009	04	14	19:12	<1912>	PXX				CHN		7030KHz ~ 7096KHz wide mode pulse OTHR ?	PM97	JARL

kHz	BW	YYYY	MM	DD	GMT	Time	Emm	Bd	Sft	Hdg	ADM	ID	Description	Grid	Source
7065		2009	04	25	19:25	<1925>	F7D				RUS		Multi-channel, Idling only		NZART
7067	68	2009	04	15	17:14	<1714>	PXX				CHN		7033KHz ~ 7101KHz wide pulse mode PXX OTHR ?	PM97	JARL
7068	64	2009	04	06	17:12	<1712-1910>	PXX				CHN		7036KHz ~ 7100KHz wide pulse mode PXX OTHR ?	PM97	JARL
7068.5	67	2009	04	03	17:12	<1712-1810>	PXX				CHN		7035KHz ~ 7102KHz wide pulse mode PXX OTHR ?	PM97	JARL
7069	64	2009	04	13	10:16	<1016>	PXX				CHN		7037KHz ~ 7101KHz wide pulse mode PXX OTHR ?	PM97	JARL
7069	66	2009	04	19	17:06	<1706-1808>	PXX				CHN		7036KHz ~ 7102KHz wide pulse mode PXX OTHR ?	PM97	JARL
7069	66	2009	04	24	17:06	<1706-2034>	PXX				CHN		7036KHz ~ 7102KHz wide pulse mode PXX OTHR ?	PM97	JARL
7069	66	2009	04	30	17:10	<1710>	PXX				CHN		7035KHz ~ 7101KHz wide pulse mode PXX OTHR ?	PM97	JARL
7070	68	2009	04	10	18:14	<1814-1908>	PXX				CHN		7036KHz ~ 7104KHz wide pulse mode PXX OTHR ?	PM97	JARL
7074		2009	04	25	09:20	0920	A1A						CW CIPHER GROUPS WITH NON-ENGLISH CHARACTERS	QG52XI	WIA
7075	40	2009	04	12	19:30	<1930-2000>	PXX				CHN		40 kHz wide		NZART
7081	64	2009	04	04	17:16	<1716>	PXX				CHN		7049KHz ~ 7113KHz wide pulse mode PXX OTHR ?	PM97	JARL
7100		2009	04	24	20:20	2020	A3E						SW BROADCAST	QG52XI	WIA
7100		2009	04	DY	18:00	1800>	A3E				KRE	VoKorea	FRENCH TRANSMISSION	MK82	ARSI
7100		2009	04	DY	18:00	<1800-2000>	A3E				KRE	VoKorea	B.C. Stn. Pyongyang.		NZART
7100		2009	04	DY	18:02	<1802-2022>	A3E			321	KRE	VoKorea	FRA/ENG/SPA/KOR Talk and Music	PM97	JARL
7105		2009	04	01	10:00	<1000-1605	A3E			273	CHN	PBS Nei Menggu	ZHO Talk and Music	PM97	JARL
7105		2009	04	02	09:08	<0908-1602	A3E			273	CHN	PBS Nei Menggu	ZHO Talk and Music	PM97	JARL
7105		2009	04	02	22:46	<2246>	A3E			273	CHN	CNR 1	ZHO Talk and Music	PM97	JARL
7105		2009	04	02	23:00	<2300>	A3E			273	CHN	PBS Nei Menggu	ZHO Talk and Music	PM97	JARL
7105		2009	04	03	00:00	<0000>	A3E			154	USA	R.Free Asia	ZHO Talk and Music	PM97	JARL
7105		2009	04	03	10:00	<1000-1605	A3E			273	CHN	PBS Nei Menggu	ZHO Talk and Music	PM97	JARL
7105		2009	04	04	11:04	<1104-1604>	A3E			273	CHN	PBS Nei Menggu	ZHO Talk and Music	PM97	JARL
7105		2009	04	04	22:00	<2200>	A3E						ZHO Talk and Music	PM97	JARL
7105		2009	04	04	23:00	<2300>	A3E			273	CHN	PBS Nei Menggu	ZHO Talk and Music	PM97	JARL
7105		2009	04	04	23:00	<2300>	A3E			154	USA	RFA	ZHO Talk and Music	PM97	JARL
7105		2009	04	05	07:08	<0708-1604>	A3E			273	CHN	PBS Nei Menggu	ZHO Talk and Music	PM97	JARL
7105		2009	04	05	22:24	<2224-2300	A3E			154	USA	RFA	ZHO Talk and Music	PM97	JARL
7105		2009	04	05	22:26	<2226-2300>	A3E			273	CHN	PBS Nei Menggu	ZHO Talk and Music	PM97	JARL
7105		2009	04	06	11:04	<1104-1604>	A3E			273	CHN	PBS Nei Menggu	ZHO Talk and Music	PM97	JARL
7105		2009	04	07	11:06	<1106-1608>	A3E			273	CHN	PBS Nei Menggu	ZHO Talk and Music	PM97	JARL
7105		2009	04	08	15:06	<1506-1602>	A3E			273	CHN	PBS Nei Menggu	ZHO Talk and Music	PM97	JARL
7105		2009	04	09	21:40	<2140-1250	N0N						no mod	PM97	JARL
7105		2009	04	09	21:46	2146>	A3E						after no mod 21:46 UTC 1KHz single tone mod test	PM97	JARL
7105		2009	04	09	21:50	2150-2200>	A3E			273	CHN	PBS Nei Menggu	ZHO Talk and Music	PM97	JARL
7105		2009	04	09	22:02	<2202>	A3E			214	TWN	SoH	ZHO Talk and Music	PM97	JARL
7105		2009	04	10	12:04	<1204-1408>	A3E			273	CHN	PBS Nei Menggu	ZHO Talk and Music	PM97	JARL
7105		2009	04	11	12:04	<1204-1604>	A3E			273	CHN	PBS Nei Menggu	ZHO Talk and Music	PM97	JARL
7105		2009	04	11	21:40	<2140-2150	N0N						unknown	PM97	JARL
7105		2009	04	11	21:50	<2150-2200>	A3E			273	CHN	PBS Nei Menggu	ZHO Talk and Music	PM97	JARL
7105		2009	04	11	22:00	<2200>	A3E			214	TWN	R.Taiwan Intl	ZHO Talk and Music	PM97	JARL
7105		2009	04	12	12:06	<1206-1508>	N0N						unknown	PM97	JARL
7105		2009	04	12	23:14	<2314>	A3E			273	CHN	PBS Nei Menggu	ZHO Talk and Music	PM97	JARL
7105		2009	04	13	10:06	<1006-1612>	A3E			273	CHN	PBS Nei Menggu	ZHO Talk and Music	PM97	JARL
7105		2009	04	13	22:58	<2258-2302>	A3E			214	CHN	PBS Nei Menggu	ZHO Talk and Music	PM97	JARL
7105		2009	04	13	22:58	<2258-2300>	A3E			273	TWN	R.Taiwan Intl	ZHO Talk and Music	PM97	JARL

kHz	BW	YYYY	MM	DD	GMT	Time	Emm	Bd	Sft	Hdg	ADM	ID	Description	Grid	Source
7105		2009	04	14	10:04	<1004-1605	A3E			273	CHN	PBS Nei Menggu	ZHO Talk and Music	PM97	JARL
7105		2009	04	15	21:50	<2150-2200>	A3E			273	CHN	PBS Nei Menggu	ZHO Talk and Music	PM97	JARL
7105		2009	04	15	22:00	<2200>	A3E						ZHO Talk and Music	PM97	JARL
7105		2009	04	16	12:06	<1206-1605	A3E			273	CHN	PBS Nei Menggu	ZHO Talk and Music	PM97	JARL
7105		2009	04	18	14:04	<1404-2300>	A3E			273	CHN	PBS Nei Menggu	ZHO Talk and Music	PM97	JARL
7105		2009	04	18	21:52	<2152>	N0N						no mod same freq	PM97	JARL
7105		2009	04	19	16:04	<1604>	A3E			273	CHN	PBS Nei Menggu	ZHO Talk and Music	PM97	JARL
7105		2009	04	20	11:04	<1104-1306>	A3E			273	CHN	PBS Nei Menggu	ZHO Talk and Music	PM97	JARL
7105		2009	04	20	21:46	<2146-2150	N0N						no mod same freq	PM97	JARL
7105		2009	04	20	21:52	2152-2304>	A3E			273	CHN	PBS Nei Menggu	ZHO Talk and Music	PM97	JARL
7105		2009	04	20	22:00	<2200-2300	A3E						ZHO Talk and Music	PM97	JARL
7105		2009	04	21	10:06	<1006-1605	A3E			273	CHN	PBS Nei Menggu	ZHO Talk and Music	PM97	JARL
7105		2009	04	21	22:12	<2212-2302>	A3E			273	CHN	PBS Nei Menggu	ZHO Talk and Music	PM97	JARL
7105		2009	04	21	22:14	<2214-2300	A3E						ZHO Talk and Music	PM97	JARL
7105		2009	04	22	12:06	<1206-1605	A3E			273	CHN	PBS Nei Menggu	ZHO Talk and Music	PM97	JARL
7105		2009	04	22	21:40	<2141-2150	A3E						unknown 21:41 1KHz singl tone mod test after off	PM97	JARL
7105		2009	04	22	21:40	<2140-2141	N0N						unknown	PM97	JARL
7105		2009	04	22	21:52	2152-2202>	A3E			273	CHN	PBS Nei Menggu	ZHO Talk and Music	PM97	JARL
7105		2009	04	22	22:02	<2202>	A3E						ZHO Talk and Music	PM97	JARL
7105		2009	04	23	09:25	0925	A3E						SW BROADCAST	QG52XI	WIA
7105	3	2009	04	23	09:25	0925	XXX						BURSTS	QG52XI	WIA
7105		2009	04	23	12:06	<1206-1605	A3E			273	CHN	PBS Nei Menggu	ZHO Talk and Music	PM97	JARL
7105		2009	04	23	21:38	2140-2300>	A3E						after no mod A0A only 21:40 UTC 1KHz singl tone mod test no off	PM97	JARL
7105		2009	04	23	21:38	<2138-2140	N0N						no mod A0A only 21:40 UTC 1KHz singl tone mod test no off	PM97	JARL
7105		2009	04	23	21:50	2150-2302>	A3E			273	CHN	PBS Nei Menggu	ZHO Talk and Music	PM97	JARL
7105		2009	04	24	12:06	<1206-1404>	A3E			273	CHN	PBS Nei Menggu	ZHO Talk and Music	PM97	JARL
7105		2009	04	24	21:48	<2148-2150	N0N			273	CHN		A0A no mod test ?	PM97	JARL
7105		2009	04	24	21:50	2150-2200>	A3E			273	CHN	PBS Nei Menggu	ZHO Talk and Music	PM97	JARL
7105		2009	04	24	22:00	<2200-2302>	A3E						ZHO Talk and Music	PM97	JARL
7105		2009	04	24	22:58	<2258-2300>	A3E			273	CHN	PBS Nei Menggu	ZHO Talk and Music	PM97	JARL
7105		2009	04	25	12:04	<1204-1605>	A3E			273	CHN	PBS Nei Menggu	ZHO Talk and Music	PM97	JARL
7105		2009	04	26	12:04	<1204-1408>	A3E			273	CHN	PBS Nei Menggu	ZHO Talk and Music	PM97	JARL
7105		2009	04	26	19:44	<1944-2150>	N0N						A0A no mod test ?	PM97	JARL
7105		2009	04	26	19:50	<1950-2200>	A3E			273	CHN	PBS Nei Menggu	ZHO Talk and Music	PM97	JARL
7105		2009	04	26	20:00	<2000-2200>	A3E						ZHO Talk and Music	PM97	JARL
7105		2009	04	27	16:02	<1206-1605	A3E			273	CHN	PBS Nei Menggu	ZHO Talk and Music	PM97	JARL
7105		2009	04	27	23:10	<2310>	A3E			273	CHN	PBS Nei Menggu	ZHO Talk and Music	PM97	JARL
7105		2009	04	28	12:06	<1206-2258>	A3E			273	CHN	PBS Nei Menggu	ZHO Talk and Music	PM97	JARL
7105		2009	04	28	22:59	<2259>	A3E			214	TWN	SoH	ZHO Talk and Music	PM97	JARL
7105		2009	04	29	12:04	<1204-2258>	A3E			273	CHN	PBS Nei Menggu	ZHO Talk and Music	PM97	JARL
7105		2009	04	29	22:59	<2259>	A3E			214	TWN	R.Taiwan Intl	ZHO Talk and Music	PM97	JARL
7105		2009	04	30	12:04	<1204-2301	A3E			273	CHN	PBS Nei Menggu	ZHO Talk and Music	PM97	JARL
7105		2009	04	30	22:12	<2212-2259>	A3E						ZHO Talk and Music	PM97	JARL
7110		2009	04	01	19:08	<1908>	A3E				CHN	CRI	unknown	PM97	JARL
7110		2009	04	06	19:16	<1916>	A3E						unknown	PM97	JARL
7110		2009	04	12	18:16	<1816>	A3E						unknown	PM97	JARL

kHz	BW	YYYY	MM	DD	GMT	Time	Emm	Bd	Sft	Hdg	ADM	ID	Description	Grid	Source
7110		2009	04	14	19:04	<1904-2008>	A3E						unknown	PM97	JARL
7110		2009	04	15	20:08	<2008>	A3E						unknown	PM97	JARL
7110		2009	04	16	19:04	<1904>	A3E						unknown	PM97	JARL
7110		2009	04	22	20:06	<2006>	A3E						unknown	PM97	JARL
7115		2009	04	24	07:45	0745	A3E						SW BROADCAST	QG52XI	WIA
7120		2009	04	24	07:45	0745	A3E						SW BROADCAST	QG52XI	WIA
7120		2009	04	24	07:45	0745	A3E						SW BROADCAST	QG52XI	WIA
7125		2009	04	01	11:04	<1104-2134>	A3E			268	CHN	PBS Xizang	ZHO/BOD Talk and Music	PM97	JARL
7125		2009	04	02	12:06	<1206-1702>	A3E			268	CHN	PBS Xizang	ZHO/BOD Talk and Music	PM97	JARL
7125		2009	04	03	11:08	<1108-1805>	A3E			268	CHN	PBS Xizang	ZHO/BOD Talk and Music	PM97	JARL
7125		2009	04	04	11:06	<1106-1805	A3E			268	CHN	PBS Xizang	ZHO/BOD Talk and Music	PM97	JARL
7125		2009	04	04	21:04	<2104>	A3E			268	CHN	PBS Xizang	ZHO/BOD Talk and Music	PM97	JARL
7125		2009	04	05	12:08	<1208-1805	A3E			268	CHN	PBS Xizang	ZHO/BOD Talk and Music	PM97	JARL
7125		2009	04	05	13:18	<1318-1805	A3E			268	CHN	PBS Xizang	ZHO/BOD Talk and Music	PM97	JARL
7125		2009	04	06	11:06	<1106-1805	A3E			268	CHN	PBS Xizang	ZHO/BOD Talk and Music	PM97	JARL
7125		2009	04	06	18:02	<1802-1805	A3E			268	CHN	PBS Xizang	ZHO/BOD Talk and Music	PM97	JARL
7125		2009	04	06	21:14	<2114>	A3E			268	CHN	PBS Xizang	ZHO/BOD Talk and Music	PM97	JARL
7125		2009	04	07	11:08	<1108-1859>	A3E			268	CHN	PBS Xizang	ZHO/BOD Talk and Music	PM97	JARL
7125		2009	04	08	15:08	<1508-2102>	A3E			268	CHN	PBS Xizang	ZHO/BOD Talk and Music	PM97	JARL
7125		2009	04	09	12:04	<1204-2108>	A3E			268	CHN	PBS Xizang	ZHO/BOD Talk and Music	PM97	JARL
7125		2009	04	09	22:06	<2206>	A3E			251	CHN	CRI	ZHO Talk and Music	PM97	JARL
7125		2009	04	10	12:06	<1206-1805	A3E			268	CHN	PBS Xizang	ZHO/BOD Talk and Music	PM97	JARL
7125		2009	04	11	12:06	<1206-1805	A3E			268	CHN	PBS Xizang	ZHO/BOD Talk and Music	PM97	JARL
7125		2009	04	11	20:30	<2030-2210>	A3E			268	CHN	PBS Xizang	ZHO/BOD Talk and Music	PM97	JARL
7125		2009	04	12	12:08	<1208-1805	A3E			268	CHN	PBS Xizang	BOD Talk and Music	PM97	JARL
7125		2009	04	13	12:08	<1208-1800>	A3E			268	CHN	PBS Xizang	BOD Talk and Music	PM97	JARL
7125		2009	04	14	12:10	<1210-1800	A3E			268	CHN	PBS Xizang	ZHO Talk and Music	PM97	JARL
7125		2009	04	14	17:58	<1758-1805	A3E			273	CHN	PBS Nei Menggu	ZHO Talk and Music	PM97	JARL
7125		2009	04	14	21:06	<2106>	A3E			273	CHN	PBS Nei Menggu	ZHO Talk and Music	PM97	JARL
7125		2009	04	15	12:06	<1206-1805	A3E			268	CHN	PBS Xizang	BOD/ENG Talk and Music	PM97	JARL
7125		2009	04	15	18:04	<1804-1805	A3E			268	CHN	PBS Xizang	BOD Talk and Music	PM97	JARL
7125		2009	04	15	22:08	<2208>	A3E			268	CHN	PBS Xizang	BOD? Talk and Music	PM97	JARL
7125		2009	04	16	12:08	<1208-1758>	A3E			268	CHN	PBS Xizang	BOD Talk and Music	PM97	JARL
7125		2009	04	17	12:08	<1208-1805	A3E			268	CHN	PBS Xizang	BOD Talk and Music	PM97	JARL
7125		2009	04	17	21:06	<2106>	A3E			268	CHN	PBS Xizang	BOD Talk and Music	PM97	JARL
7125		2009	04	18	12:08	<1208>	A3E			273	CHN	PBS Nei Menggu	BOD Talk and Music	PM97	JARL
7125		2009	04	18	14:06	<1406-2208>	A3E			268	CHN	PBS Xizang	BOD/ZHO Talk and Music	PM97	JARL
7125		2009	04	19	16:10	<1610-1710>	A3E			268	CHN	PBS Xizang	BOD Talk and Music	PM97	JARL
7125		2009	04	20	11:06	<1106-2306>	A3E			268	CHN	PBS Xizang	BOD Talk and Music	PM97	JARL
7125		2009	04	21	12:08	<1208-2216>	A3E			268	CHN	PBS Xizang	BOD Talk and Music	PM97	JARL
7125		2009	04	22	12:08	<1208-1805	A3E			268	CHN	PBS Xizang	BOD Talk and Music	PM97	JARL
7125		2009	04	22	18:04	<1804-1805	A3E			268	CHN	PBS Xizang	BOD Talk and Music	PM97	JARL
7125		2009	04	22	20:50	<2050-2210>	A3E			268	CHN	PBS Xizang	BOD Talk and Music Programem start CHN natinal anthem ?	PM97	JARL
7125		2009	04	23	12:08	<1208-1805	A3E			268	CHN	PBS Xizang	BOD Talk and Music	PM97	JARL
7125		2009	04	23	20:40	<2040-2044	N0N						no mod A0A only	PM97	JARL
7125		2009	04	23	20:44	<2044-2050	A3E						unknown Talk and Music same freq	PM97	JARL

kHz	BW	YYYY	MM	DD	GMT	Time	Emm	Bd	Sft	Hdg	ADM	ID	Description	Grid	Source
7125		2009	04	23	20:50	2050-2208>	A3E			268	CHN	PBS Xizang	BOD Talk and Music Programem start on time national anthem	PM97	JARL
7125		2009	04	24	07:45	0745	A3E						SW BROADCAST	QG52XI	WIA
7125		2009	04	24	12:08	<1208-1710>	A3E			268	CHN	PBS Xizang	BOD/ZHO Talk and Music	PM97	JARL
7125		2009	04	24	20:48	<2048-2050	N0N						A0A no mod test ?	PM97	JARL
7125		2009	04	24	20:50	2050-2102>	A3E			268	CHN	PBS Xizang	BOD Talk and Music	PM97	JARL
7125		2009	04	26	12:06	<1206-1805	A3E			268	CHN	PBS Xizang	BOD/ZHO Talk and Music	PM97	JARL
7125		2009	04	26	18:45	<1845-1850	N0N						A0A no mod test ?	PM97	JARL
7125		2009	04	26	18:50	<1850-1902>	A3E			268	CHN	PBS Xizang	BOD Talk and Music	PM97	JARL
7125		2009	04	27	12:08	<1208-1608>	A3E			268	CHN	PBS Xizang	BOD Talk and Music	PM97	JARL
7125		2009	04	28	12:08	<1208-1805	A3E			268	CHN	PBS Xizang	BOD Talk and Music	PM97	JARL
7125		2009	04	28	22:24	<2224>	A3E			268	CHN	PBS Xizang	BOD Talk and Music	PM97	JARL
7125		2009	04	29	12:06	<1206-2108>	A3E			268	CHN	PBS Xizang	BOD Talk and Music	PM97	JARL
7125		2009	04	30	12:06	<1206-1805	A3E			268	CHN	PBS Xizang	BOD Talk and Music	PM97	JARL
7130		2009	04	01	14:08	<1408>	A3E			273	CHN	CNR-2	ZHO Talk and Music	PM97	JARL
7130		2009	04	01	15:08	<1508>	A3E			290	CHN	CRI	PUS? Talk and Music	PM97	JARL
7130		2009	04	01	16:06	<1606>	A3E			273	CHN	PBS Nei Menggu	ZHO Talk and Music	PM97	JARL
7130		2009	04	02	14:08	<1408-1506>	A3E			273	CHN	CNR-2	ZHO Talk and Music	PM97	JARL
7130		2009	04	03	14:08	<1408-1605	A3E			273	CHN	CNR-2	ZHO Talk and Music	PM97	JARL
7130		2009	04	04	14:14	<1414-1412>	A3E			273	CHN	CNR-2	ZHO Talk and Music	PM97	JARL
7130		2009	04	04	16:12	<1612-1800	A3E						ZHO Talk and Music same pro 7185KHz	PM97	JARL
7130		2009	04	05	14:06	<1406>	A3E			273	CHN	CNR-2	ZHO Talk and Music	PM97	JARL
7130		2009	04	05	17:20	<1720>	A3E			268	CHN	CNR-1	ENG Talk and Music	PM97	JARL
7130		2009	04	06	14:18	<1418>	A3E			273	CHN	CNR-2	ZHO Talk and Music	PM97	JARL
7130		2009	04	06	17:14	<1714>	A3E			214	RUS	VoRussia	RUS Talk and Music with QSB same freq TWN	PM97	JARL
7130		2009	04	07	13:59	<1359-1559>	A3E			273	CHN	CNR-2	ZHO Talk and Music 14:00 UTC Time signal 5 + 1	PM97	JARL
7130		2009	04	08	15:59	<1559-1605	A3E			273	CHN	CNR-2	ZHO Talk and Music 16:00 UTC Time signal 5 + 1	PM97	JARL
7130		2009	04	09	14:10	<1410-1606	A3E			273	CHN	CNR-2	ZHO Talk and Music	PM97	JARL
7130		2009	04	10	16:02	<1602-1605	A3E			273	CHN	CNR-2	ZHO Talk and Music 16:05 UTC QRT	PM97	JARL
7130		2009	04	11	14:14	<1414-1805	A3E			273	CHN	CNR-2	ZHO Talk and Music	PM97	JARL
7130		2009	04	12	14:08	<1408>	A3E			273	CHN	CNR-2	ZHO Talk and Music same freq	PM97	JARL
7130		2009	04	12	17:12	<1712>	A3E						unknown same freq	PM97	JARL
7130		2009	04	13	13:14	<1314-1558>	A3E						ZHO Talk and Music	PM97	JARL
7130		2009	04	13	15:12	<1512>	A3E				CHN	CRI	PUS? Talk and Music	PM97	JARL
7130		2009	04	13	15:58	<1558-1605	A3E			273	CHN	CNR-2	ZHO Talk and Music 16:00 UTC Time signal 5 + 1 2sec late ?	PM97	JARL
7130		2009	04	14	15:10	<1510>	A3E			290	CHN	CRI	ZHO talk and Music	PM97	JARL
7130		2009	04	14	16:04	<1604-1605	A3E			273	CHN	CNR-2	ZHO Talk and Music 16:05 UTC QRT	PM97	JARL
7130		2009	04	14	17:16	<1716>	A3E			273	CHN	PBS Nei Menggu	ZHO Talk and Music	PM97	JARL
7130		2009	04	15	14:10	<1410-1708>	A3E						ZHO Talk and Music	PM97	JARL
7130		2009	04	16	16:10	<1610>	A3E						ZHO Talk and Music	PM97	JARL
7130		2009	04	17	14:10	<1410-1610>	A3E						ZHO Talk and Music	PM97	JARL
7130		2009	04	18	14:10	<1410-1610>	A3E						ZHO Talk and Music	PM97	JARL
7130		2009	04	19	16:14	<1614-1714>	A3E						ZHO Talk and Music	PM97	JARL
7130		2009	04	21	14:10	<1410-1614>	A3E						ZHO Talk and Music	PM97	JARL
7130		2009	04	22	14:12	<1412-1610>	A3E						ZHO Talk and Music	PM97	JARL
7130		2009	04	23	14:10	<1410-1612>	A3E						ZHO Talk and Music	PM97	JARL
7130		2009	04	24	15:58	<1558-1712>	A3E			273	CHN		ZHO Talk and Music. CNR-2?	PM97	JARL

kHz	BW	YYYY	MM	DD	GMT	Time	Emm	Bd	Sft	Hdg	ADM	ID	Description	Grid	Source
7130		2009	04	24	17:14	<1714-1800>	A3E						ZHO Talk and Music	PM97	JARL
7130		2009	04	25	14:08	<1408-1758>	A3E			273	CHN		ZHO Talk and Music. CNR-2?	PM97	JARL
7130		2009	04	25	14:10	<1410-1610>	A3E						ZHO Talk and Music	PM97	JARL
7130		2009	04	26	13:58	<1358-1706>	A3E			268	CHN		ZHO Talk and Music. CNR-2? 14:00 Time signal 5 + 1 2sec late	PM97	JARL
7130		2009	04	27	14:10	<1410-1612>	A3E						ZHO Talk and Music	PM97	JARL
7130		2009	04	28	14:10	<1410-1412>	A3E						ZHO Talk and Music	PM97	JARL
7130		2009	04	28	16:10	<1610-1758>	A3E			273	CHN		ZHO Talk and Music. CNR-2? Also reported as 268 deg.	PM97	JARL
7130		2009	04	29	13:58	1358-1759>	A3E						ZHO Talk and Music	PM97	JARL
7130		2009	04	30	14:10	<1410-1805	A3E						ZHO Talk and Music	PM97	JARL
7130		2009	04	DY	17:08	<1312-1712>	A3E			214	TWN	R.Taiwan Intl	ZHO Talk and Music	PM97	JARL
7135		2009	04	24	20:20	2020	A3E						SW BROADCAST	QG52XI	WIA
7140		2009	04	04	2016	<2016>	A3E			352	RUS	NVK R.Sakha	RUS Talk and Music	PM97	JARL
7140		2009	04	06	07:16	<0716>	N0N						unknown	PM97	JARL
7140		2009	04	07	18:08	<1808>	A3E						unknown	PM97	JARL
7140		2009	04	08	07:00	<0700>	A3E						unknown	PM97	JARL
7140		2009	04	08	19:10	<1910>	A3E			316	ROU	R.Romania	RON? Talk and Music	PM97	JARL
7140		2009	04	09	14:12	<1412>	A3E			273	CHN	CNR-2	ZHO Talk and Music	PM97	JARL
7140		2009	04	09	20:18	<2018>	A3E			308	RUS	NVK R.Sakha	RUS Talk and Music	PM97	JARL
7140		2009	04	14	09:30	0930	A3E					KRE		QG52XI	WIA
7140		2009	04	14	13:16	<1316>	A3E			352	RUS	NVK R.Sakha	RUS Talk and Music	PM97	JARL
7140		2009	04	14	19:06	<1906>	A3E						unknown	PM97	JARL
7140		2009	04	18	12:10	<1210>	A3E			268	CHN	PBS Xizang	KOR Talk and Music	PM97	JARL
7140		2009	04	18	14:12	<1412>	A3E						RUS? Talk and Music	PM97	JARL
7140		2009	04	20	20:08	<2008>	A3E						RUS? Talk and Music	PM97	JARL
7140		2009	04	22	08:40	0840	A3E					KRE	SW BROADCAST	QG52XI	WIA
7140		2009	04	24	07:45	0745	A3E						SW BROADCAST	QG52XI	WIA
7140		2009	04	24	14:08	<1408>	A3E			273	CHN		ZHO Talk and Music. CNR2?	PM97	JARL
7140		2009	04	25	12:10	<1210>	A3E			273	CHN		RUS? Talk and Music. CHN CRI?	PM97	JARL
7140		2009	04	DY	03:00	<0100-2016>	A3E			321	KRE	VoKorea	ENG/ZHO/KOR Talk and Music	PM97	JARL
7148		2009	04	DY	08:45	0845	A1A					8PNX	CALLING B7TZ, THERE EVERY EVENING	QG52XI	WIA
7155		2009	04	01	11:08	<1108>	A3E			298	CHN	PBS Xizang	ZHO Talk and Music	PM97	JARL
7155		2009	04	04	12:14	<1214>	A3E			321	RUS	VoRussia	ZHO Talk and Music	PM97	JARL
7155		2009	04	05	12:12	<1212>	A3E			352	RUS	VoRussia	RUS Talk and Music	PM97	JARL
7155		2009	04	14	12:14	<1214>	A3E			321	RUS	VoRussia	RUS Talk and Music	PM97	JARL
7155		2009	04	24	07:45	0745	A3E						SW BROADCAST	QG52XI	WIA
7160		2009	04	05	23:08	<2308>	A3E							PM97	JARL
7165		2009	04	01	11:10	<1110>	A3E			314		WYFR	ZHO Talk and Music. From RUS?	PM97	JARL
7165		2009	04	02	22:44	<2244-2304>	A3E			273	CHN	PBS Nei Menggu	ZHO Talk and Music	PM97	JARL
7165		2009	04	03	09:58	<0958>	A3E			273	CHN	PBS Nei Menggu	ZHO Talk and Music	PM97	JARL
7165		2009	04	03	18:12	<1812-1840>	A3E			286	ETH	R.Ethiopia	SOM? Talk and Music 18:40 UTC feed out ?	PM97	JARL
7165		2009	04	04	22:54	<2254>	A3E			268	CHN	CNR 1	ZHO Talk and Music	PM97	JARL
7165		2009	04	07	12:10	<1210>	A3E			273	CHN	PBS Nei Menggu	ZHO Talk and Music	PM97	JARL
7165		2009	04	12	23:18	<2318>	A3E			273	CHN	PBS Nei Menggu	ZHO Talk and Music	PM97	JARL
7165		2009	04	23	12:12	<1212>	A3E			314		WYFR	ZHO Talk and Music. From RUS?	PM97	JARL
7165		2009	04	24	07:45	0745	A3E						SW BROADCAST	QG52XI	WIA
7165		2009	04	28	18:14	<1814>	A3E						unknown SOM? R ETHIOPIA ?	PM97	JARL

kHz	BW	YYYY	MM	DD	GMT	Time	Emm	Bd	Sft	Hdg	ADM	ID	Description	Grid	Source
7165		2009	04	30	14:14	<1414-1618>	A3E						unknown ARA?/TIR?/not ENG or FRA? R ETHIOPIA ?	PM97	JARL
7170		2009	04	01	12:10	<1210-1306>	A3E			273	CHN	PBS Nei Menggu	ZHO Talk and Music	PM97	JARL
7170		2009	04	01	16:08	<1608>	A3E			268	CHN	CRI	ZHO Talk and Music	PM97	JARL
7170		2009	04	02	11:08	<1108>	A3E			273	CHN	CRI	MON? Talk and Music	PM97	JARL
7170		2009	04	04	20:18	<2018-2102>	A3E						Music only	PM97	JARL
7170		2009	04	06	11:10	<1110>	A3E			273	CHN	CRI	MON? Talk and Music	PM97	JARL
7170		2009	04	14	20:58	<2058>	A3E						unknown	PM97	JARL
7170		2009	04	24	07:45	0745	A3E						SW BROADCAST	QG52XI	WIA
7170		2009	04	DY	11:12	<1108-2252>	A3E			268	CHN	PBS Xizang	ZHO/BOD? Talk and Music	PM97	JARL
7180		2009	04	10	14:16	<1416>	A3E			214	TWN	R.Taiwan Intl	ZHO Talk and Music	PM97	JARL
7180		2009	04	DY	21:36	<1910-2316>	A3E			321	KRE	VoKorea	ZHO/KOR Talk and Music	PM97	JARL
7185		2009	04	04	12:00	<1200-1700>	A3E						ZHO Talk and Music Time signal 5 + 1 Add 3 + 1 differ 2sec ?	PM97	JARL
7185		2009	04	05	10:36	<1036-1612>	A3E						ZHO Talk and Music	PM97	JARL
7185		2009	04	12	14:16	<1416-1614>	A3E						unknown same freq	PM97	JARL
7185		2009	04	12	15:20	<1520>	A3E			273	CHN	CNR-2	ZHO Talk and music same freq	PM97	JARL
7185		2009	04	13	10:12	<1012-1622>	A3E						ZHO Talk and Music	PM97	JARL
7185		2009	04	14	09:40	<0940-1000	N0N						no mod 18:41 UTC 1KHz single tone mod test aftr off	PM97	JARL
7185		2009	04	14	10:00	1000-1516>	A3E						ZHO Talk and Music 10:00 UTC Programme start on time	PM97	JARL
7185		2009	04	15	12:14	<1214-1622>	A3E						ZHO Talk and Music same freq	PM97	JARL
7185		2009	04	16	12:16	<1216-1616>	A3E						unknown	PM97	JARL
7185		2009	04	17	12:16	<1216-1616>	A3E						ZHO Talk and Music	PM97	JARL
7185		2009	04	18	12:16	<1216-1616>	A3E						ZHO Talk and Music	PM97	JARL
7185		2009	04	19	16:20	<1620>	A3E						ZHO Talk and Music	PM97	JARL
7185		2009	04	20	13:14	<1314>	A3E						ZHO Talk and Music	PM97	JARL
7185		2009	04	21	12:16	<1216-1620>	A3E						ZHO Talk and Music	PM97	JARL
7185		2009	04	22	12:16	<1216-1616>	A3E						ZHO Talk and Music	PM97	JARL
7185		2009	04	23	12:18	<1218-1618>	A3E						ZHO Talk and Music	PM97	JARL
7185		2009	04	24	07:45	0745	A3E						SW BROADCAST	QG52XI	WIA
7185		2009	04	24	12:14	<1214-1614>	A3E						ZHO Talk and Music	PM97	JARL
7185		2009	04	25	12:16	<1216-1616>	A3E						ZHO Talk and Music	PM97	JARL
7185		2009	04	25	15:58	<1558	A3E				CHN		ZHO Talk and Music CNR-2? 16:05 UTC Time siganl 5 +1 2sec late	PM97	JARL
7185		2009	04	26	12:12	<1212-1214>	A3E						ZHO Talk and Music	PM97	JARL
7185		2009	04	26	12:59	<1259-1418>	A3E			273	CHN		ZHO Talk and Music. CNR-2?	PM97	JARL
7185		2009	04	26	16:08	<1608-1610>	A3E						ZHO Talk and Music	PM97	JARL
7185		2009	04	27	12:12	<1212-1618>	A3E						ZHO Talk and Music	PM97	JARL
7185		2009	04	28	12:14	<1214-1616>	A3E						ZHO Talk and Music	PM97	JARL
7185		2009	04	29	12:12	<1212-1705	A3E						ZHO Talk and Music. 17:00 UTC no time signal	PM97	JARL
7185		2009	04	30	12:12	<1212-1700>	A3E						ZHO Talk and Music. Time signal sometimes 2sec late.	PM97	JARL
7185		2009	04	DY	10:06	1000-1700	A3E			214	TWN	R.Taiwan Intl	ZHO Talk and Music	PM97	JARL
7195		2009	04	23	12:22	<1222-1620>	A3E						unknown Talk and Music	PM97	JARL
7200		2009	04	14	09:30	0930	A3E				RUS	R.ROSSI	YAKUTSK	QG52XI	WIA
7200		2009	04	24	07:45	0745	A3E				RUS	R.ROSSI	YAKUTSK	QG52XI	WIA
7200		2009	04	DY	08:10	<0810-2040>	A3E					NVK R.Sakha	RUS Talk and Music. Also reported as 154 & 237 deg.	PM97	JARL
14000		2009	04	01	08:36	0836-0918	J3E/U						Group of males, work from boats	OF84wx	WIA
14000		2009	04	01	23:30	2330-0005	J3E/U				CLN		Group of males, work from boats, Sinhala	OF84wx	WIA
14000		2009	04	02	08:40	0840-0900	J3E/U				CLN		2 males, Sinhala	OF84wx	WIA

kHz	BW	YYYY	MM	DD	GMT	Time	Emm	Bd	Sft	Hdg	ADM	ID	Description	Grid	Source
14000		2009	04	02	23:45	2345-2355	J3E/U				CLN		2 males, Sinhala	OF84wx	WIA
14000		2009	04	03	07:30	0730-0800	J3E/U						Group of males, work from boats	OF84wx	WIA
14000		2009	04	03	22:50	2250-2350	J3E/U						Group of males, work from boats	OF84wx	WIA
14000		2009	04	04	07:20	0720-0825	J3E/U						Group of males, work from boats	OF84wx	WIA
14000		2009	04	04	23:30	2330-0020	J3E/U				CLN		Group of males,work from boats,Sinhala	OF84wx	WIA
14000		2009	04	05	23:50	2350-0005	J3E/U				CLN		Group of males, work from boats, Sinhala	OF84wx	WIA
14000		2009	04	06	08:14	0814-0934	J3E/U				CLN		Group of males work from boats, Sinhala	OF84wx	WIA
14000		2009	04	06	23:35	2335-0120	J3E/U				CLN		Group of males work from boats, Sinhala	OF84wx	WIA
14000		2009	04	07	07:20	0720-0740	J3E/U				CLN		Group of males work from boats, Sinhala	OF84wx	WIA
14000		2009	04	08	00:08	0008-0111	J3E/U				CLN		Group of males work from boats, Sinhala	OF84wx	WIA
14000		2009	04	08	07:55	0755-0915	J3E/U				CLN		Group of males,work from boats,Sinhala	OF84wx	WIA
14000		2009	04	08	23:45	2345-0105	J3E/U				CLN		Group of males work from boats, Sinhala	OF84wx	WIA
14000		2009	04	09	23:50	2350-0100	J3E/U				CLN		Group of males work from boats, Sinhala	OF84wx	WIA
14000		2009	04	10	07:30	0730-1000	J3E/U				CLN		Group of males work from boats, Sinhala	OF84wx	WIA
14000		2009	04	10	23:35	2335-0015	J3E/U				CLN		Group of males, work from boats Sinhala	OF84wx	WIA
14000		2009	04	11	07:25	0725-1005	J3E/U				CLN		Group of males work from boats, Sinhala	OF84wx	WIA
14000		2009	04	12	00:15	0015-0120	J3E/U				CLN		Group of males,work from boats,Sinhala	OF84wx	WIA
14000		2009	04	12	08:45	0845	J3E/U				CLN		Group of males work from boats, Sinhala	OF84wx	WIA
14000		2009	04	12	23:30	2330-0120	J3E/U				CLN		Group of males work from boats, Sinhala	OF84wx	WIA
14000		2009	04	13	23:20	2320-0050	J3E/U				CLN		Group of males, work from boats, Sinhala	OF84wx	WIA
14000		2009	04	14	07:00	0700-1020	J3E/U				CLN		Group of males work from boats, Sinhala	OF84wx	WIA
14000		2009	04	14	23:15	2315-0100	J3E/U				CLN		Group of males work from boats, Sinhala	OF84wx	WIA
14000		2009	04	15	07:13	0713-0923	J3E/U				CLN		Group of males work from boats, Sinhala	OF84wx	WIA
14000		2009	04	15	23:05	2305-0025	J3E/U				CLN		Group of males, work from boats. Sinhala	OF84wx	WIA
14000		2009	04	16	08:03	0803-0858	J3E/U				CLN		Group of male, work from boats, Sinhala	OF84wx	WIA
14000		2009	04	16	23:15	2315-0115	J3E/U				CLN		Group of males,work from boats,Sinhala	OF84wx	WIA
14000		2009	04	17	09:05	0905-0935	J3E/U				CLN		Group of males work from boats, Sinhala	OF84wx	WIA
14000		2009	04	17	23:20	2320-0100	J3E/U				CLN		Group of males work from boats, Sinhala	OF84wx	WIA
14000		2009	04	18	07:17	0717-0832	J3E/U				CLN		Group of males work from boats, Sinhala	OF84wx	WIA
14000		2009	04	18	23:30	2330-0145	J3E/U				CLN		Group of males,work from boats,Sinhala	OF84wx	WIA
14000		2009	04	19	07:30	0730-0855	J3E/U				CLN		Group of males work from boats, Sinhala	OF84wx	WIA
14000		2009	04	19	23:15	2315-0010	J3E/U				CLN		Group of males work from boats, Sinhala	OF84wx	WIA
14000		2009	04	20	07:15	0715-0910	J3E/U				CLN		Group of males work from boats, Sinhala	OF84wx	WIA
14000		2009	04	20	23:30	2330-0103	J3E/U				CLN		Group of males work from boats, Sinhala	OF84wx	WIA
14000		2009	04	21	07:45	0745-1005	J3E/U				CLN		Group of males work from boats, Sinhala	OF84wx	WIA
14000		2009	04	21	23:20	2320-0118	J3E/U				CLN		Group of males work from boats, Sinhala	OF84wx	WIA
14000		2009	04	22	07:05	0705-1028	J3E/U				CLN		Group of males work from boats, Sinhala	OF84wx	WIA
14000		2009	04	22	09:00	0900	J3E/U			330			FISH BOATS - ENGINE NOISE - USB	QG52XI	WIA
14000		2009	04	22	22:55	2255-0010	J3E/U				CLN		Group of males work from boats, Sinhala	OF84wx	WIA
14000		2009	04	23	07:00	0700-1045	J3E/U				CLN		Group of males work from boats, Sinhala	OF84wx	WIA
14000		2009	04	23	09:10	0910	A1A			330			CIPHER GROUP CW, FULL BREAK-IN, 2 PARTIES	QG52XI	WIA
14000		2009	04	23	23:15	2315-0100	J3E/U				CLN		Group of males work from boats, Sinhala	OF84wx	WIA
14000		2009	04	24	07:15	0715-0935	J3E/U				CLN		Group of males, work from boats. Sinhala	OF84wx	WIA
14000		2009	04	24	23:00	2300-0110	J3E/U				CLN		Group of males work from boats, Sinhala	OF84wx	WIA
14000		2009	04	25	07:00	0700-0930	J3E/U				CLN		Group of males work from boats, Sinhala	OF84wx	WIA
14000		2009	04	25	23:30	2330-0115	J3E/U				CLN		Group of males work from boats, Sinhala	OF84wx	WIA

kHz	BW	YYYY	MM	DD	GMT	Time	Emm	Bd	Sft	Hdg	ADM	ID	Description	Grid	Source
14000		2009	04	26	07:20	0720-0840	J3E/U				CLN		Group of males work from boats, Sinhala	OF84wx	WIA
14000		2009	04	26	23:40	2340-0155	J3E/U				CLN		Group of males work from boats, Sinhala	OF84wx	WIA
14000		2009	04	27	07:00	0700-1000	J3E/U				CLN		Group of males work from boats, Sinhala	OF84wx	WIA
14000		2009	04	27	23:03	2303-0148	J3E/U				CLN		Group of male, work from boats, Sinhala	OF84wx	WIA
14000		2009	04	28	07:46	0746-0856	J3E/U				CLN		Group of males work from boats, Sinhala	OF84wx	WIA
14000		2009	04	28	23:43	2343-0048	J3E/U				CLN		Group of males work from boats, Sinhala	OF84wx	WIA
14000		2009	04	29	07:11	0711-0821	J3E/U				CLN		Group of males work from boats, Sinhala	OF84wx	WIA
14000		2009	04	29	23:27	2327-0057	J3E/U				CLN		Group of males work from boats, Sinhala	OF84wx	WIA
14000		2009	04	30	07:30	<0730>	A1A						FULL BREAK IN CW, 2 STNS, CIPHER OR NON-ENGLISH CHAR	QG52xi	WIA
14000		2009	04	30	07:43	0743-1043	J3E/U				CLN		Group of males, work from boats, Sinhala	OF84wx	WIA
14000		2009	04	30	23:50	2350-0100	J3E/U				CLN		Group of males work from boats, Sinhala	OF84wx	WIA
14001		2009	04	23	00:34	0034-0036	J3E/U				CLN		2 males, Sinhala	OF84wx	WIA
14001		2009	04	25	00:33	0033	J3E/U				INS		2 males Indonesian	OF84wx	WIA
14001.5		2009	04	09	01:09	0109	J3E/L				INS		2 males, Indonesian	OF84wx	WIA
14005.5		2009	04	30	23:50	2350	J3E/L				CLN		2 males Sinhala	OF84wx	WIA
14007.6	1	2009	04	29	10:00	1000	F1D			330			CARRIER, THEN DATA	QG52XI	WIA
14010		2009	04	09	00:26	0026	J3E/L				CLN		2 males, Sinhala	OF84wx	WIA
14010	20	2009	04	17	09:40	0940	PXX			330	GCA		BROAD	QG52XI	WIA
14010.7		2009	04	18	23:30	2330	J3E/U				CLN		Group of males work from boats, Sinhala	OF84wx	WIA
14014		2009	04	23	08:33	0833	J3E/U				CLN		2 males. Sinhala	OF84wx	WIA
14014		2009	04	30	10:20	<1020>	J3E/U						ORIENTAL NON-CHINESE LANGUAGE	QG52xi	WIA
14014.2		2009	04	24	07:25	0725	J3E/U				CLN		2 males, Sinhala	OF84wx	WIA
14020		2009	04	22	23:29	2329-2349	J3E/U				CLN		2 males,Sinhala	OF84wx	WIA
14020	3	2009	04	28	20:40	2040	X7D			330			BROAD, MULTIPLE CARRIERS	QG52XI	WIA
14021		2009	04	10	08:00	0800-0830	J3E/U				CLN		Group of males work from boats, Sinhala	OF84wx	WIA
14021		2009	04	21	08:50	0850	J3E/U				CLN		Group of males work from boats, Sinhala	OF84wx	WIA
14027	1	2009	04	20	09:00	0900	XXX			330				QG52XI	WIA
14028		2009	04	02	07:00	<0700-0745>	F1B		250				Encrypted		NZART
14028		2009	04	09	08:10	<0810>	F1B		250				Encrypted		NZART
14028	1	2009	04	26	09:05	0905	F1D			330			THERE EVERY EVENING	QG52XI	WIA
14028	1	2009	04	30	07:30	<0730>	F1B							QG52xi	WIA
14030.8		2009	04	28	12:50	<1250-1259>	J3E/U				CLN		SINHALA SPEAKING OM-OM QSOs	MK82	ARSI
14032.8		2009	04	27	23:55	2355-0030	J3E/L				CLN		2 males, Sinhala	OF84wx	WIA
14033		2009	04	14	09:15	0915	J3E/U						2 males Asian	OF84wx	WIA
14033		2009	04	15	23:15	2315	J3E/L				CLN		2 males, Sinhala	OF84wx	WIA
14033		2009	04	17	00:20	0020	J3E/U				CLN		2 males, Sinhala	OF84wx	WIA
14033		2009	04	17	23:50	2350	J3E/L				CLN		2 males, Sinhala	OF84wx	WIA
14033		2009	04	27	00:35	0035	J3E/L				CLN		2 males Sinhala	OF84wx	WIA
14033.3		2009	04	17	09:20	0920	J3E/U			330			USB	QG52XI	WIA
14033.4		2009	04	07	07:24	0724	J3E/U				CLN		Group of male, Sinhala	OF84wx	WIA
14037.5		2009	04	09	00:20	0020	J3E/U				CLN		2 males, Sinhala	OF84wx	WIA
14043	1	2009	04	20	08:50	0850	X7D			330				QG52XI	WIA
14045		2009	04	29	07:36	0736	J3E/U				INS		2 males, Indonesian	OF84wx	WIA
14045.7		2009	04	14	07:50	0750-0810	J3E/U						Male-female, Chinese	OF84wx	WIA
14045.8		2009	04	16	09:20	0920	X7D			330			BROAD, MULTIPLE CARRIERS	QG52XI	WIA
14050	5	2009	04	20	00:20	0020	X7D			330			BURSTS, *VERY* STRONG	QG52XI	WIA

kHz	BW	YYYY	MM	DD	GMT	Time	Emm	Bd	Sft	Hdg	ADM	ID	Description	Grid	Source
14050	1	2009	04	26	09:05	0905	F1D			330				QG52XI	WIA
14050	3	2009	04	26	09:05	0905	X7D			330			BROAD, MULTIPLE CARRIERS	QG52XI	WIA
14050	5	2009	04	30	08:50	<0850>	X7D						>1 CARRIER, HIGH BAUD RATE	QG52xi	WIA
14051.3		2009	04	02	01:30	0130-0138	J3E/U						3 males, Chinese	OF84wx	WIA
14052	5	2009	04	20	08:50	0850	X7D			330			BROAD, MULTIPLE CARRIERS	QG52XI	WIA
14053		2009	04	16	09:20	0920	J3E/L			330			FAMILY NET, LSB	QG52XI	WIA
14055		2009	04	17	09:04	0904	J3E/L				CLN		2 males, Sinhala	OF84wx	WIA
14056.2		2009	04	04	08:25	0825	J3E/U						Male-female, Chinese	OF84wx	WIA
14060		2009	04	04	21:20	2120	J3E/U			330				QG52XI	WIA
14064.8		2009	04	05	08:45	0845-0900	J3E/U				CLN		Male-female, Sinhala	OF84wx	WIA
14065		2009	04	02	00:17	0017-0052	A3E				PHL	VoAmerica	Re/broadcast of news service, Indonesian	OF84wx	WIA
14065		2009	04	03	00:00	0000-0030	A3E				PHL	VoAmerica	Re/broadcast of news service, indonesian	OF84wx	WIA
14065		2009	04	04	00:00	0000-0030	A3E				PHL	VoAmerica	Indonesian news service	OF84wx	WIA
14065		2009	04	05	00:00	0000-0030	A3E				PHL	VoAmerica	re/broadcast of Indonesian news service	OF84wx	WIA
14065		2009	04	06	00:00	0000-0030	A3E				PHL	VoAmerica	Indonesian news service	OF84wx	WIA
14065		2009	04	07	00:00	0000-0033	A3E				PHL	VoAmerica	re/broadcast of Indonesian news service	OF84wx	WIA
14065		2009	04	08	00:00	0000-0030	A3E				PHL	VoAmerica	Indonesian news service	OF84wx	WIA
14065		2009	04	09	00:00	0000-0030	A3E				PHL	VoAmerica	Indonesian news service	OF84wx	WIA
14065		2009	04	10	00:00	0000-0033	A3E				PHL	VoAmerica	re/broadcast of Indonesian news service	OF84wx	WIA
14065		2009	04	11	00:00	0000-0032	A3E				PHL	VoAmerica	re/broadcast of Indonesian news service	OF84wx	WIA
14065		2009	04	12	00:00	0000-0030	A3E				PHL	VoAmerica	re/broadcast of Indonesian news service	OF84wx	WIA
14065		2009	04	13	00:00	0000-0030	A3E				PHL	VoAmerica	re/broadcast of Indonesian news service	OF84wx	WIA
14065		2009	04	14	00:00	0000-0030	A3E				PHL	VoAmerica	re/broadcast of Indonesian news service	OF84wx	WIA
14065		2009	04	15	00:00	0000-0031	A3E				PHL	VoAmerica	re/broadcast of Indonesian news service	OF84wx	WIA
14065		2009	04	16	00:00	0000-0030	A3E				PHL	VoAmerica	re/broadcast of Indonesian news service	OF84wx	WIA
14065		2009	04	16	09:20	0920	J3E/U			330			FAMILY NET	QG52XI	WIA
14065		2009	04	17	00:00	0000-0030	A3E				PHL	VoAmerica	Re/broadcast of news service, Indonesian	OF84wx	WIA
14065		2009	04	18	00:00	0000-0032	A3E				PHL	VoAmerica	Re/broadcast Indonesian news service	OF84wx	WIA
14065		2009	04	19	00:00	0000-0031	A3E				PHL	VoAmerica	Re/broadcast iof Indonesian news service	OF84wx	WIA
14065		2009	04	20	00:00	0000-0031	A3E				PHL	VoAmerica	re/broadcast of Indonesian news service	OF84wx	WIA
14065		2009	04	21	00:00	0000-0032	A3E				PHL	VoAmerica	Re/broadcast of Indonesian news ervice	OF84wx	WIA
14065		2009	04	22	00:00	0000-0030	A3E				PHL	VoAmerica	re/broadcast of Indonesian news service	OF84wx	WIA
14065		2009	04	23	00:00	0000-0032	A3E				PHL	VoAmerica	Re/broadcast Indonesian news service	OF84wx	WIA
14065		2009	04	24	00:00	0000-0031	A3E				PHL	VoAmerica	Re/broadcast Indonesian news service	OF84wx	WIA
14065		2009	04	25	00:00	0000-0032	A3E				PHL	VoAmerica	re/broadcast of Indonesian news service	OF84wx	WIA
14065		2009	04	26	00:00	0000-0030	A3E				PHL	VoAmerica	re/broadcast of Indonesian news service	OF84wx	WIA
14065		2009	04	27	00:00	0000-0030	A3E				PHL	VoAmerica	re/broadcast of Indonesian news service	OF84wx	WIA
14065		2009	04	28	00:00	0000-0030	A3E				PHL	VoAmerica	Re/broadcast Indonesian news service	OF84wx	WIA
14065		2009	04	29	00:00	0000-0030	A3E				PHL	VoAmerica	re/broadcast of Indonesian news service	OF84wx	WIA
14066		2009	04	14	23:40	2340-2345	J3E/U						2 males, Chinese	OF84wx	WIA
14066		2009	04	22	23:19	2319	J3E/U						2 males, Sinhala	OF84wx	WIA
14066		2009	04	30	23:50	2350	J3E/U						2 males, Sinhala	OF84wx	WIA
14080		2009	04	10	08:30	0830	J3E/U						2 males, Chinese	OF84wx	WIA
14085		2009	04	15	07:07	0707	J3E/U						Male-female, Chinese	OF84wx	WIA
14088		2009	04	19	08:50	0850	J3E/U			330			USB	QG52XI	WIA
14089.6		2009	04	03	07:50	0750-0802	J3E/L						Male-female, Chinese	OF84wx	WIA

kHz	BW	YYYY	MM	DD	GMT	Time	Emm	Bd	Sft	Hdg	ADM	ID	Description	Grid	Source
14090		2009	04	15	07:50	0750-0810	J3E/L				CLN		2 males, Sinhale	OF84wx	WIA
14090.7		2009	04	18	23:33	2333	J3E/U				CLN		Group of males work from boats, Sinhala	OF84wx	WIA
14091		2009	04	19	23:45	2345	J3E/U				CLN		2 males, Sinhala	OF84wx	WIA
14091		2009	04	25	00:44	0044	J3E/U				CLN		2 males, Sinhala	OF84wx	WIA
14092		2009	04	21	08:44	0844	J3E/U				CLN		2 males, Sinhala	OF84wx	WIA
14093		2009	04	18	09:00	0900-0905	J3E/L				CLN		Group of males work from boats, Sinhala	OF84wx	WIA
14093		2009	04	23	08:20	0820-0845	J3E/L				CLN		2 males, Sinhala	OF84wx	WIA
14095		2009	04	04	08:27	0827-0845	J3E/U				INS		Male-female, Indonesian	OF84wx	WIA
14095		2009	04	17	09:03	0903	J3E/U				INS		Male-female, Indonesian	OF84wx	WIA
14096		2009	04	03	08:40	0840-0940	J3E/U						3 males, Chinese	OF84wx	WIA
14098.7		2009	04	27	07:38	0738	J3E/L				INS		2 males, Indonesian	OF84wx	WIA
14100		2009	04	23	07:45	0745	J3E/U				INS		1male calling no reply	OF84wx	WIA
14100		2009	04	26	23:41	2341-0001	J3E/L						2 males Chinese	OF84wx	WIA
14102		2009	04	16	07:55	0755	J3E/U						2 males, Chinese	OF84wx	WIA
14102		2009	04	23	08:55	0855	J3E/U						Male-female, Chinese	OF84wx	WIA
14103		2009	04	08	08:00	0800-0825	J3E/U						2 males Asian	OF84wx	WIA
14103.2		2009	04	28	08:17	0817	J3E/U						Male-female, Asian	OF84wx	WIA
14105		2009	04	06	08:13	0813	J3E/U						Male-female, Chinese	OF84wx	WIA
14109	2	2009	04	14	05:XX	05XX-06XX	F7B					318	CALLING 299. ALE141 SYSTEM		NZART
14109	2	2009	04	18	07:XX	07XX-08XX	F7B					253	CALLING 464. ALE141 SYSTEM		NZART
14111		2009	04	15	23:20	2320-2340	J3E/U				INS		Male-female	OF84wx	WIA
14112		2009	04	22	08:17	0817-0927	J3E/U				INS		Male-female, Indonesian	OF84wx	WIA
14112		2009	04	26	07:25	0725	J3E/U				INS		Group of males work from boats, Sinhala	OF84wx	WIA
14113.3		2009	04	27	02:40	0240-0330	J3E/U				INS		2 males, Indonesian	OF84wx	WIA
14114		2009	04	01	08:33	0833	J3E/U						Male-female, Chinese	OF84wx	WIA
14115		2009	04	07	02:00	0200	J3E/U						Group of males, qrm Travellers Net	OF84wx	WIA
14115		2009	04	21	03:15	0315	J3E/U				INS		2 males, Indonesian	OF84wx	WIA
14117.5		2009	04	17	09:00	0900	J3E/U						Male-female, Chinese	OF84wx	WIA
14118		2009	04	07	09:06	0906	J3E/U						Male-female, Chinese	OF84wx	WIA
14120		2009	04	03	07:10	<0710-0900>	F1B		250				Encrypted		NZART
14120		2009	04	19	23:25	2325	J3E/U				INS		2 males, Indonesian	OF84wx	WIA
14135		2009	04	01	23:30	2330-0000	A3E				PHL	VoAmerica	Re/broadcast of news service, Indonesian	OF84wx	WIA
14135		2009	04	02	23:00	2300-0000	A3E				PHL	VoAmerica	Indonesian news service re/broadcast	OF84wx	WIA
14135		2009	04	03	23:00	2300-0000	A3E				PHL	VoAmerica	News and music	OF84wx	WIA
14135		2009	04	06	23:25	2325-0000	A3E				PHL	VoAmerica	News service	OF84wx	WIA
14135		2009	04	08	23:50	2350-0000	A3E				PHL	VoAmerica	News service	OF84wx	WIA
14135		2009	04	10	23:40	2340-0000	A3E				PHL	VoAmerica	re/broadcast of news service, Philippines	OF84wx	WIA
14135		2009	04	11	23:40	2340-0000	A3E				PHL	VoAmerica	re/broadcast of news service, Philippines	OF84wx	WIA
14135		2009	04	12	23:30	2330-0000	A3E				PHL	VoAmerica	re/broadcast of news service, Philippines	OF84wx	WIA
14135		2009	04	13	23:20	2320-0000	A3E				PHL	VoAmerica	re/broadcast of Philippino news service	OF84wx	WIA
14135		2009	04	14	23:30	2330-0000	A3E				PHL	VoAmerica	re/broadcast of Philippino news service	OF84wx	WIA
14135		2009	04	15	23:00	2300-0000	A3E				PHL	VoAmerica	Re/broadcast of news service, Philippino	OF84wx	WIA
14135		2009	04	16	23:15	2315-0000	A3E				PHL	VoAmerica	re/broadcast of news service, Philippino	OF84wx	WIA
14135		2009	04	17	23:20	2320-0000	A3E				PHL	VoAmerica	Re/broadcast of Philippino news service	OF84wx	WIA
14135		2009	04	18	23:33	2333-0000	A3E				PHL	VoAmerica	Re/broadcast of Philippino news service	OF84wx	WIA
14135		2009	04	19	23:45	2345-0000	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	04	20	08:10	<0810-0850>	F1B		250				Encrypted		NZART
14135		2009	04	20	23:00	2300-0000	A3E				PHL	VoAmerica	Re/broadcast of Philippino news service	OF84wx	WIA
14135		2009	04	21	23:00	2300-0000	A3E				PHL	VoAmerica	Re/broadcast of Philippino news service	OF84wx	WIA
14135		2009	04	22	22:55	2255-0000	A3E				PHL	VoAmerica	Re/broadcast of Philippino news service	OF84wx	WIA
14135		2009	04	23	22:50	2250-0000	A3E				PHL	VoAmerica	Re/broadcast of Philippino news service	OF84wx	WIA
14135		2009	04	24	22:50	2250-0000	A3E				PHL	VoAmerica	re/broadcast of Philippino news service	OF84wx	WIA
14135		2009	04	25	23:30	2330-0000	A3E				PHL	VoAmerica	Re/broadcast of Philippino news service	OF84wx	WIA
14135		2009	04	26	23:15	2315-0000	A3E				PHL	VoAmerica	Re/broadcast of Philippino news service	OF84wx	WIA
14135		2009	04	27	23:00	2300-0000	A3E				PHL	VoAmerica	Re/broadcast of Philippino news service	OF84wx	WIA
14135		2009	04	28	22:55	2255-2350	A3E				PHL	VoAmerica	Re/broadcast of Philippino news service	OF84wx	WIA
14135		2009	04	29	22:10	2210-0000	A3E				PHL	VoAmerica	Re/broadcast of Philippino news servive	OF84wx	WIA
14135		2009	04	30	23:50	2350-0120	A3E				PHL	VoAmerica	Re/broadcast of Philippino news service	OF84wx	WIA
14141		2009	04	20	00:27	0027	J3E/L				CLN		2 males, sinhala	OF84wx	WIA
14141		2009	04	20	23:30	2330	J3E/L				CLN		2 males, Sinhala	OF84wx	WIA
14141.5		2009	04	02	01:03	0103-0115	J3E/U						2 males, Asian	OF84wx	WIA
14145.4		2009	04	15	07:35	0735	J3E/U						Male-female, Chinese	OF84wx	WIA
14145.4		2009	04	16	07:40	0740-0755	J3E/U						Male-female, Chinese	OF84wx	WIA
14145.5		2009	04	04	07:36	0736	J3E/U						Group of males, chinese	OF84wx	WIA
14151		2009	04	22	09:08	0908-0933	J3E/U				CLN		Group of males work from boats, Sinhala	OF84wx	WIA
14151.5		2009	04	08	23:50	2350	J3E/U						Group of males, chinese	OF84wx	WIA
14151.5		2009	04	29	07:38	0738	J3E/U				INS		2 males, Indonesian	OF84wx	WIA
14152.2		2009	04	23	07:34	0734-0855	A1A						Vy fast dot beacon qrt ~ 0855z	OF84wx	WIA
14161.7		2009	04	21	23:23	2323	J3E/U				CLN		Group of males work from boats, Sinhala	OF84wx	WIA
14167		2009	04	28	12:54	<1254-1305	J3E/L				CLN		SINHALA SPEAKING OM-OM QSOs	MK82	ARSI
14168.7		2009	04	22	09:10	0910	J3E/U						2 males, Chinese	OF84wx	WIA
14168.7		2009	04	23	07:30	0730-0735	J3E/U				CLN		2 males, Sinhala	OF84wx	WIA
14168.7		2009	04	24	07:35	0735	J3E/U				CLN		2 males, Sinhala	OF84wx	WIA
14168.8		2009	04	18	07:40	0740-0755	J3E/U				CLN		Group of males, Sinhala	OF84wx	WIA
14168.8		2009	04	25	07:30	0730-0815	J3E/U						Male-female, Chinese	OF84wx	WIA
14224.6		2009	04	22	01:34	<0134>	J3E/U				CLN		SINHALA SPEAKING OM-OM QSOs	MK82	ARSI
14227.7		2009	04	20	01:12	0112-0147	J3E/U				INS		male-female,pass coded msgs, Indonesian	OF84wx	WIA
14240		2009	04	03	09:00	<0900>	F1B		250				Encrypted		NZART
14242	3.3	2009	04	13	07:15	<0715>	G7B						PHASE MOD. MUTI-CHANNEL		NZART
14242	3.3	2009	04	24	04:50	<0450>	G7B						PHASE MOD. MUTI-CHANNEL		NZART
14243		2009	04	14	09:25	0925	J3E/U						2 males, Chinese	OF84wx	WIA
14250		2009	04	04	07:30	<0000-2359>	A3E				KRE	VoKorea	News and music	OF84wx	WIA
14250		2009	04	08	08:30	<0000-2359>	A3E				KRE	VoKorea	News and music	OF84wx	WIA
14250		2009	04	21	08:40	<0000-2359>	A3E				KRE	VoKorea	Music and news	OF84wx	WIA
14250		2009	04	21	23:30	<0000-2359>	A3E				KRE	VoKorea	Music and news	OF84wx	WIA
14250		2009	04	DY	07:00	<0700-0800>	A3E				KRE	VoKorea	B.C. Stn. Pyongyang.		NZART
14251.7		2009	04	29	08:37	0837	A1A						Shifted from 14307 to 14251.7	OF84wx	WIA
14256		2009	04	23	08:50	0850	J3E/U						Male-female, Chinese	OF84wx	WIA
14277.7		2009	04	01	00:17	0017-0030	J3E/U				INS		3 males, pass coded msgs	OF84wx	WIA
14277.7		2009	04	03	00:55	0055-0107	J3E/U				INS		2 male-1female, pass coded msgs	OF84wx	WIA
14277.7		2009	04	06	00:44	0044-0045	J3E/U				INS		Pass coded msgs, male-female none today	OF84wx	WIA
14277.7		2009	04	14	01:50	0150-0205	J3E/U				INS		Male-female pass coded msgs, Indonesian	OF84wx	WIA

kHz	BW	YYYY	MM	DD	GMT	Time	Emm	Bd	Sft	Hdg	ADM	ID	Description	Grid	Source
14277.7		2009	04	15	01:02	0102-0104	J3E/U				INS		3males, pass coded msgs, Indonesians	OF84wx	WIA
14277.7		2009	04	17	01:20	0120-0125	J3E/U				INS		Male-female, pass coded msgs, Indonesian	OF84wx	WIA
14277.7		2009	04	18	00:26	0026-0032	J3E/U				INS		2 males pass coded msgs, Indonesian	OF84wx	WIA
14277.7		2009	04	21	00:25	0025-0100	J3E/U				INS		Male-female pass coded msgs, Indonesian	OF84wx	WIA
14277.7		2009	04	22	01:10	0110-0111	J3E/U				INS		Male-female, pass coded msgs, Indonesian	OF84wx	WIA
14277.7		2009	04	22	01:30	0130-0131	J3E/U				INS		2 males, pass coded msgs Indonesian	OF84wx	WIA
14277.7		2009	04	24	01:12	0112-0117	J3E/U				INS		Male-female, pass coded msgs, Indonesian	OF84wx	WIA
14277.7		2009	04	25	02:00	0200-0206	J3E/U				INS		2 males 1 female. Pass coded msgs	OF84wx	WIA
14277.7		2009	04	27	01:22	0122-0127	J3E/U				INS		2 males-1female pass coded msgs, Indonesian	OF84wx	WIA
14277.7		2009	04	28	01:01	0101-0119	J3E/U				INS		2 males-1 female pass coded msgs	OF84wx	WIA
14277.7		2009	04	29	01:16	0116-0118	J3E/U				INS		Male-female pass coded msgs, Indonesian	OF84wx	WIA
14277.7		2009	04	30	03:05	0305-0322	J3E/U				INS		Male-female pass coded msgs, Indonesian	OF84wx	WIA
14277.7		2009	04	30	07:05	0705-0707	J3E/U				INS		Male-female, pass coded msgs, Indonesian	OF84wx	WIA
14278.3		2009	04	02	01:00	0100-0101	J3E/U						2 males, Chinese	OF84wx	WIA
14280		2009	04	DY	07:30	<0730>	A3E				KRE	VoKorea	2f of 7140 kHz.		NZART
14284		2009	04	25	09:00	0900-0908	J3E/U						2 males Chinese	OF84wx	WIA
14285		2009	04	18	07:05	0705	J3E/U						Male-female, Chinese	OF84wx	WIA
14291.5		2009	04	01	08:43	0843-0849	J3E/L						Male-female, Chinese	OF84wx	WIA
14302		2009	04	06	23:44	2344	J3E/U				CLN		Group of males, Sinhala	OF84wx	WIA
14303		2009	04	10	23:42	2342	J3E/U						Group of males, Sinhala?	OF84wx	WIA
14304.5		2009	04	01	08:40	0840-0855	J3E/U						Male-female, Chinese	OF84wx	WIA
14305		2009	04	02	08:15	0815-0825	A1A						Dot beacon, running fast dots, no I D	OF84wx	WIA
14307		2009	04	29	07:40	0740	A1A						Vy fast dot beacon	OF84wx	WIA
14317.4		2009	04	04	08:09	0809	J3E/U						Male-female, Chinese	OF84wx	WIA
14324.7		2009	04	18	07:10	0710	J3E/U						Male-female, chinese	OF84wx	WIA
14333.3		2009	04	03	23:30	2330-2345	J3E/U				PHL		Male-female	OF84wx	WIA
14338.5		2009	04	14	09:20	0920	J3E/U						2males, Asian	OF84wx	WIA

KHz	YYYY	MM	DD	GMT	Call	Comment	Spotter
1818.0	2009	04	11	1905	JA7NI	under fish beacon, pse qsy 3	SP6AEG
1822.0	2009	04	21	0142	GV8	_____ Loud fishnet beacon	ZP6CW
1829.0	2009	04	05	0301	K7DSL	Big fishy bouy S7	K7DSL
3510.0	2009	04	16	0919	FISHSHIPS	* VULGAR CREWS	W1NH
3530.0	2009	04	12	0902	FRENCH	Fisher	F8BBL
3628.0	2009	04	24	1259	USB	intruders	IT9YHR
3635.9	2009	04	07	1922	INTRUDER	Music / Asian Voices	ZL2TZE
3778.0	2009	04	13	2224	P1RATE	Pirate in USB?????	IW1QN
3778.0	2009	04	13	2225	FSHING	usb fishermen	EA8CK
3780.0	2009	04	14	0344	PI1RATES	fishing pirates usb	N7YP
3797.0	2009	04	01	1531	VK9LA	allways qrm on this qrg,radar?	OE8HIK
3800.0	2009	04	02	1100	BY7RADAR	begins pr campaign	W6UC
7001.0	2009	04	11	2111	BY7RADAR	QRM TO 7090	VK7AC
7001.0	2009	04	13	2213	BY7RADAR	QRM TO 7020	VK7AC
7003.5	2009	04	13	1234	W7SW	audible but hvy RADAR QRM	VK6DU
7009.0	2009	04	29	2120	INTRUDER	AM BC S7	DJ4EY
7009.0	2009	04	30	2125	INTRUDER	AM BC S5 in JO41	DJ4EY
7014.0	2009	04	02	0006	INTRUDERS	USB	EA2AFV
7015.0	2009	04	02	0921	PY0FF	ur under indo pirate ssb	VK4HFO
7016.0	2009	04	07	1031	ZF2BN	Under massive RADAR QRM	VK2DAG
7030.0	2009	04	12	2023	BY7RADAR	QRM TO 7100	VK7AC
7034.8	2009	04	28	1343	P1RATE	USB French fishphone ?	GW4MVA
7043.0	2009	04	13	2219	FISHERMANS	USB - Listen :)	IZ2JGB
7043.1	2009	04	18	2108	PYPESCADORES	Pescadores em QSO Fishmam chat	PY3KN
7063.0	2009	04	11	2006	C91FC	RADAR ON UR FREQ 7028.0 - 7088	VK3PD
7063.6	2009	04	03	0533	P1RATE	Piratas from Chile USB	ZP6DEM
7069.2	2009	04	27	2026	MUSIC	Music , Pirates no Hamcall	OZ1LCG
7105.0	2009	04	20	2212	BY0XXX	Chineseese Broadcasting :(	SP4Z
7105.0	2009	04	20	2218	BY0XXX	PIRATE	EA1EUI
7110.0	2009	04	02	1025	FISHERMAN	USB - kick?n them away	CT2JUT
7110.0	2009	04	17	1800	BROADCAST	59+30	LZ1PJ
7116.0	2009	04	07	2219	PI1RATE	pirates on USB nasty language	K4JRB
7125.0	2009	04	02	2150	BC_QRM	BC intruder in excl amateur ba	G3SJH
7125.0	2009	04	04	0021	TI8II	CHINESE BROADCAST QRMING HIM	G1VDP
7134.0	2009	04	21	2005	GS3PYE/P	qrm from broadcast	IZ8ESX
7150.0	2009	04	16	2100	N0CALL	- USB - PIRATES!!!	CT2JUT
7180.0	2009	04	28	2150	C1NA	BROADCAST STATION	RW0BG
7185.0	2009	04	08	1104	BROADCAST	2 x broadcast stn China?	VK3HJ
10108.0	2009	04	29	1427	8Q7SV	with cyprus RADAR QRM	VK6DU
10110.0	2009	04	03	2231	K%???	lost you by radar ! sri sri --	DJ7YR
10110.0	2009	04	29	1442	RADAR	from 110 to 130 59+ south Fran	F5JLH
10130.0	2009	04	26	1413	1RADAR	120 to 140 SE 57 3eY	HB9CVQ
14001.5	2009	04	01	1356	DIGITAL	Whats This? 10db Over S9	K0JPL
14002.0	2009	04	18	2023	P1RATES	in LSB	SV3DCX
14004.5	2009	04	04	0427	KH6OO	qrm radar 001-004	RA6XR
14008.0	2009	04	07	0201	1NTRUDER	Radar? Just south of east	N6TR
14008.0	2009	04	07	0206	1NTRUDER	Beam headings?	N6TR
14008.0	2009	04	07	0213	1NTRUDER	www.kkn.net/tree/Intruder...	N6TR
14008.0	2009	04	07	0231	1NTRUDER	also 14010,029,044,18088 often	KF7E
14009.0	2009	04	07	0219	1NTRUDER	CW STILL HEARD IN TEXAS	AD5VJ
14009.5	2009	04	07	0035	NO1SE	CW What is this noise??	AD5VJ
14014.0	2009	04	30	1959	CP6IB	tnx qso.except intruder HI...	I1APQ
14015.0	2009	04	06	2236	INTRUDER		KA2FIR
14020.2	2009	04	21	0924	PIRATE		RU3EG
14023.0	2009	04	07	0202	1NTRUDER	Here also - 3 places	N6TR
14025.0	2009	04	01	0010	WD1PKR	Someone shoot that woodpecker	SWL
14025.0	2009	04	30	0933	PRINTER	Intruder rty	PE2KP
14027.0	2009	04	13	0751	RTTY	Intruder from 100Degr.	DL7UZO
14028.1	2009	04	16	1038	RU5SKY	Military RTTY pirate	G2JL
14028.1	2009	04	16	1045	AF1RIKA		RV1AC
14028.1	2009	04	16	1049	GB5SKY	british military RTTY pirate	RW9UU
14030.0	2009	04	06	2209	INTRUDER	Multitone S9+ QRM	K1HTV
14030.0	2009	04	06	2237	INTRUDER		KA2FIR
14043.0	2009	04	07	0201	1NTRUDER	Also here	N6TR
14100.0	2009	04	17	1543	BROADCASTING	Strage broadcasting in AM from	EC2ADN
14187.4	2009	04	07	0203	1NTRUDER	200 KC WIDE	WO6T
14187.4	2009	04	07	0219	1NTRUDER	Pse check RX.	N1SZ
14187.4	2009	04	07	0224	1NTRUDER	SSB NOT HERE EITHER	AD5VJ
14194.9	2009	04	18	1951	INTRUDER	BC tx from VU	HA0HW

14195.0	2009	04	08	0554	ZS1AU	33 z14 radar on top	ZL4DH
14218.5	2009	04	26	1132	MUSIC		YL7X
14225.0	2009	04	30	0931	PRINTER	Intruder rtty	PE2KP
14253.0	2009	04	12	1220	INTRUDER	YB PIRATES LSB	VK2DAG
14253.0	2009	04	13	0656	FSK/RTTY	here	DL4PY
14253.0	2009	04	14	0740	PIRATES		EA1JG
14260.0	2009	04	05	1210	P1RATE	AM Broadcast stn !!!	VK8NSB
14270.0	2009	04	15	1212	INTRUDER	Wide DATA Asia	VK2DAG
18121.6	2009	04	26	1342	PIRATES	arabic voices no callsign	OE3JTB
18164.0	2009	04	13	0334	INTRUDER	3W XU PIRATE USB	VK2DAG
21002.1	2009	04	30	1159	P1RATE	AMTOR PIRATE	F8IXZ
21021.9	2009	04	17	1836	P1RATES	USB CHATTERS	N7YP
21212.0	2009	04	13	1617	P1RATE	Are they HAMS ??	G3VKW
21253.0	2009	04	26	0858	CY1PRUS	Cyprus radar QRM 21251 - 21280	VK6DU
21260.0	2009	04	26	0944	RADAR	qtf 300	OE3JTB
21260.0	2009	04	26	0958	OE9GHV	call/no radar anymore	YC6NE
24894.0	2009	04	15	0839	RA1DAR	Radar on?	UU2JQ
24925.0	2009	04	03	1958	CB00	Pirates?????	EA8CCY
24925.0	2009	04	14	1932	PIRAT	LSB!!!	F8AOF
24925.0	2009	04	15	1700	PIRATES	LSB with CB roger beep	EA5DWS
24925.3	2009	04	15	1646	PIRATES	spanish fishers in atlantic oc	F8BON
28005.0	2009	04	27	0034	XE0000	intruders	NQ7R
28246.0	2009	04	03	2020	PIRATES	roger beeps	KD4ESV
28265.0	2009	04	25	0544	PIRATE	JA CBers	KH7XS
28282.9	2009	04	02	1941	INTRUDERS	ssb strange speaking ? from wh	F5PSR
28282.9	2009	04	02	1942	INTRUDERS	ssb arabic speaking ? from whe	F5PSR
28283.0	2009	04	02	1941	SUDAMERICAN	qso	9A5ST
28294.0	2009	04	24	0130	P1RATES	spansih speaking CBers	KH7XS
28315.0	2009	04	24	0131	P1RATES	more Latin American CBers	KH7XS