



INTERNATIONAL AMATEUR RADIO UNION

REGION 3

MONITORING SYSTEM REPORT



May, 2009

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Monthly summary:

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

40 metres: 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, 7120, 7125, 7130, 7140, 7145, 7155, 7165, 7170, 7180, 7185 & 7200 kHz. Identified sources of reported broadcast stations included: TWN, CHN, RUS & KRE. Broadcast stations were also spotted on 7100, 7105, 7150 & 7175 kHz from OE, EA8, SV, OZ & ON.

30 metres: Suspected British OTHR was spotted from DL.

20 metres: Suspected Russian OTHR was reported by WIA. Intermodulation distortion products of Voice of America on 14065 & 14135 kHz from PHL relay site were again 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 & WIA.

17 metres: A Chinese-speaking fish boat was reported by ARSI. An Arabic broadcast station on 18130 kHz was spotted by an unknown SWL.

10 metres: Numerous taxis & drift net buoys spotted from across Region 1.

Sources of reported signals:

Region 1: GCA, RUS, UKR

Region 2: none

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	05	DY	09:00	<0900-2100>	A3E				KRE	VoKorea	reported as R.Pyongyang. B.C. st.		NZART
3560		2009	05	DY	10:02	<1002-2130>	A3E			321	KRE	VoKorea	KOR/ZHO/ENG/FRA/SPA Talk and Music	PM97	JARL
7000	4	2009	05	DY	10:30	1030	J3E/U				INS		FAMILY NET, DAILY	QG52xi	WIA
7015	30	2009	05	01	09:00	<0900>	PXX				CHN		RADAR	QG52xi	WIA
7026		2009	05	12	02:30	0230-0236	J3E/U				CLN		SINHALA SPEAKING OM-OM QSOs	MK82	ARSI
7030		2009	05	30	18:00	<1800-1905>	PXX				CHN		Slow pulses = 2/second		NZART
7032	64	2009	05	11	15:08	<1508-1612>	PXX				CHN		7000KHz ~ 7064KHz wide pulse mode PXX OTHR ?	PM97	JARL
7033	66	2009	05	07	17:08	<1708-1916>	PXX				CHN		7000KHz ~ 7066KHz wide pulse mode PXX OTHR ?	PM97	JARL
7033	66	2009	05	10	17:08	<1708-1808>	PXX				CHN		7000KHz ~ 7066KHz wide pulse mode PXX OTHR ?	PM97	JARL
7033	66	2009	05	12	17:08	<1708-1810>	PXX				CHN		7000KHz ~ 7066KHz wide pulse mode PXX OTHR ?	PM97	JARL
7033	66	2009	05	13	17:10	<1710-1810>	PXX				CHN		7000KHz ~ 7066KHz wide pulse mode PXX OTHR ?	PM97	JARL
7033	66	2009	05	15	20:14	<2014>	PXX				CHN		7000KHz ~ 7066KHz wide pulse mode PXX OTHR ?	PM97	JARL
7033	66	2009	05	17	18:06	<1806>	PXX				CHN		7000KHz ~ 7066KHz wide pulse mode PXX OTHR ?	PM97	JARL
7033	66	2009	05	19	17:08	<1708-1808>	PXX				CHN		7000KHz ~ 7066KHz wide pulse mode PXX OTHR ?	PM97	JARL
7033	66	2009	05	22	08:06	<0806-1808>	PXX				CHN		7000KHz ~ 7066KHz wide pulse mode PXX OTHR ?	PM97	JARL
7033	66	2009	05	28	17:08	<1708-1808>	PXX				CHN		7000KHz ~ 7066KHz wide pulse mode PXX OTHR ?	PM97	JARL
7033	66	2009	05	29	17:08	<1708-1808>	PXX				CHN		7000KHz ~ 7066KHz wide pulse mode PXX OTHR ?	PM97	JARL
7037		2009	05	13	02:35	<0235-0240>	J3E/U				CLN		SINHALA SPEAKING OM-OM QSOs	MK82	ARSI
7039		2009	05	01	16:02	<1602-1804>	A1A			308	RUS	A	Beacon	PM97	JARL
7039		2009	05	01	21:32	<2132>	A1A			321	RUS	F	Beacon	PM97	JARL
7039		2009	05	02	00:34	<0034-0324>	A1A			321	RUS	F	Beacon	PM97	JARL
7039		2009	05	03	17:10	<1710>	A1A			325	RUS	C	Beacon	PM97	JARL
7039		2009	05	03	22:04	<2204>	A1A			321	RUS	F	Beacon	PM97	JARL
7039		2009	05	04	18:10	<1810>	A1A			325	RUS	C	Beacon	PM97	JARL
7039		2009	05	05	09:36	<0936-2308>	A1A			321	RUS	F	Beacon	PM97	JARL
7039		2009	05	05	18:16	<1816>	A1A			325	RUS	C	Beacon	PM97	JARL
7039		2009	05	06	07:04	<0704-2310>	A1A			321	RUS	F	Beacon	PM97	JARL
7039		2009	05	06	17:08	<1708-1814>	A1A			325	RUS	C	Beacon	PM97	JARL
7039		2009	05	07	07:06	<0706-1910>	A1A			321	RUS	F	Beacon	PM97	JARL
7039		2009	05	07	17:06	<1706-1914>	A1A			325	RUS	C	Beacon	PM97	JARL
7039		2009	05	08	03:24	<0324>	A1A			321	RUS	F	Beacon	PM97	JARL
7039		2009	05	09	19:50	<1950-2008>	A1A			325	RUS	C	Beacon	PM97	JARL
7039		2009	05	12	18:08	<1808>	A1A			325	RUS	C	Beacon	PM97	JARL
7039		2009	05	13	17:08	<1708-1808>	A1A			325	RUS	C	Beacon	PM97	JARL
7039		2009	05	14	18:08	<1808>	A1A			325	RUS	C	Beacon	PM97	JARL
7039		2009	05	15	18:08	<1808>	A1A			325	RUS	C	Beacon	PM97	JARL
7039		2009	05	15	18:10	<1810>	A1A			316	UKR	D	Beacon	PM97	JARL
7039		2009	05	16	20:38	<2038>	A1A			316	UKR	D	Beacon	PM97	JARL
7039		2009	05	17	19:04	<1904>	A1A			316	UKR	D	Beacon	PM97	JARL
7039		2009	05	18	17:08	<1708-1808>	A1A			316	UKR	D	Beacon	PM97	JARL
7039		2009	05	DY	02:32	<0232-2320>	A1A			15	RUS	M	Beacon	PM97	JARL
7039		2009	05	DY	07:04	<0704-2142>	A1A			314	RUS	K	Beacon	PM97	JARL
7039		2009	05	DY	XX:XX	XXXX-XXXX	A1A				RUS	A	? Reported as 0000-2359		NZART
7039.0		2009	05	DY	XX:XX	XXXX-XXXX	A1A				RUS	C	Moscow H.Q. Reported as 0000-2359		NZART
7039.3		2009	05	DY	XX:XX	XXXX-XXXX	A1A				RUS	K	Petropavlovsk Kamchatskiy Reported as 0000-2359		NZART
7039.4		2009	05	DY	XX:XX	XXXX-XXXX	A1A				RUS	M	Magadan Reported as 0000-2359		NZART

kHz	BW	YYYY	MM	DD	GMT	Time	Emm	Bd	Sft	Hdg	ADM	ID	Description	Grid	Source
7039.7		2009	05	DY	XX:XX	XXXX-XXXX	A1A				UKR	D	Sevastopol. Reported as 0000-2359		NZART
7039.9		2009	05	DY	XX:XX	XXXX-XXXX	A1A				RUS	S	Severomorsk Reported as 0000-2359		NZART
7044	66	2009	05	03	17:12	<1712-2104>	PXX				CHN		7011KHz ~ 7177KHz wide pulse mode PXX OTHR ?	PM97	JARL
7044	66	2009	05	03	20:10	<2010>	PXX				CHN		Reported as 7011KHz ~ 7177KHz wide pulse mode PXX OTHR ?	PM97	JARL
7044	66	2009	05	14	16:12	<1612>	PXX				CHN		7011KHz ~ 7077KHz wide pulse mode PXX OTHR ?	PM97	JARL
7045	66	2009	05	05	08:34	<0834>	PXX				CHN		7012KHz ~ 7078KHz wide pulse mode PXX OTHR ?	PM97	JARL
7045		2009	05	06	02:30	<0230-0235>	J3E/U				CLN		SINHALA SPEAKING OM-OM QSOs	MK82	ARSI
7055		2009	05	14	07:25	<0725>	J3E/U						SW RELIGIOUS BROADCASTER EXTREMELY DISTORTED	QG52xi	WIA
7055	66	2009	05	14	23:08	<2308>	PXX				CHN		7022KHz ~ 7088KHz wide pulse mode PXX OTHR ?	PM97	JARL
7057	66	2009	05	11	20:14	<2014>	PXX				CHN		7024KHz ~ 7090KHz wide pulse mode PXX OTHR ?	PM97	JARL
7057	66	2009	05	21	18:06	<1806>	PXX				CHN		7024KHz ~ 7090KHz wide pulse mode PXX OTHR ?	PM97	JARL
7063	66	2009	05	08	17:36	<1736>	PXX				CHN		7030KHz ~ 7096KHz wide pulse mode PXX OTHR ?	PM97	JARL
7063	66	2009	05	21	17:06	<1706>	PXX				CHN		7030KHz ~ 7096KHz wide pulse mode PXX OTHR ?	PM97	JARL
7069	66	2009	05	05	17:06	<1706>	PXX				CHN		7036KHz ~ 7102KHz wide pulse mode PXX OTHR ?	PM97	JARL
7069	66	2009	05	23	17:08	<1708>	PXX				CHN		7036KHz ~ 7102KHz wide pulse mode PXX OTHR ?	PM97	JARL
7071	64	2009	05	11	08:26	<0826>	PXX				CHN		7037KHz ~ 7101KHz wide pulse mode PXX OTHR ?	PM97	JARL
7100		2009	05	DY	18:00	<1800-2000>	A3E				KRE	VoKorea	B.C. Str. Pyongyang.		NZART
7100		2009	05	DY	18:02	<1802-2040>	A3E		321		KRE	VoKorea	ENG/FRA/KOR Talk and Music	PM97	JARL
7105		2009	05	01	12:04	<1204-1605	A3E		273		CHN	PBS Nei Menggu	ZHO Talk and Music	PM97	JARL
7105		2009	05	02	12:06	<1206-1605	A3E		273		CHN	PBS Nei Menggu	ZHO Talk and Music	PM97	JARL
7105		2009	05	02	21:50	<2150-2200>	A3E		273		CHN	PBS Nei Menggu	ZHO Talk and Music	PM97	JARL
7105		2009	05	03	10:24	<1024-1604>	A3E		273		CHN	PBS Nei Menggu	ZHO Talk and Music	PM97	JARL
7105		2009	05	03	21:50	<2150-2200>	A3E		273		CHN	PBS Nei Menggu	ZHO Talk and Music	PM97	JARL
7105		2009	05	04	12:06	<1206-1604	A3E		273		CHN	PBS Nei Menggu	ZHO Talk and Music	PM97	JARL
7105		2009	05	04	22:12	<2212-2302>	A3E		273		CHN	PBS Nei Menggu	ZHO Talk and Music	PM97	JARL
7105		2009	05	04	22:12	<2212-2300	A3E		214		TWN	SoH	ZHO Talk and Music	PM97	JARL
7105		2009	05	05	12:06	<1206-1604>	A3E		273		CHN	PBS Nei Menggu	ZHO Talk and Music	PM97	JARL
7105		2009	05	05	21:50	<2150-2302>	A3E		273		CHN	PBS Nei Menggu	ZHO Talk and Music	PM97	JARL
7105		2009	05	06	13:12	<1312-1605	A3E		273		CHN	PBS Nei Menggu	ZHO Talk and Music	PM97	JARL
7105		2009	05	06	22:58	<2258-2300	A3E		273		TWN	SoH	ZHO Talk and Music	PM97	JARL
7105		2009	05	06	22:59	<2259-2304>	A3E		273		CHN	PBS Nei Menggu	ZHO Talk and Music	PM97	JARL
7105		2009	05	07	13:58	<1208-1602>	A3E		273		CHN	PBS Nei Menggu	ZHO Talk and Music	PM97	JARL
7105		2009	05	08	07:04	<0704>	A3E						unknown ZHO? Talk and Music	PM97	JARL
7105		2009	05	08	12:06	<1206-1604>	A3E		273		CHN	PBS Nei Menggu	ZHO Talk and Music	PM97	JARL
7105		2009	05	09	07:26	<0726	A3E						unkown	PM97	JARL
7105		2009	05	09	12:06	<1206-1604>	A3E		273		CHN	PBS Nei Menggu	ZHO Talk and Music	PM97	JARL
7105		2009	05	09	21:48	<2148-2150	N0N						A0A	PM97	JARL
7105		2009	05	09	21:50	<2150-2204>	A3E		273		CHN	PBS Nei Menggu	ZHO Talk and Music	PM97	JARL
7105		2009	05	09	21:50	<2150-2204>	A3E		214		TWN	SoH	ZHO Talk and Music	PM97	JARL
7105		2009	05	10	11:06	<1106-1608>	A3E		273		CHN	PBS Nei Menggu	ZHO Talk and Music	PM97	JARL
7105		2009	05	11	08:28	<0828-1602>	A3E		273		CHN	PBS Nei Menggu	ZHO Talk and Music	PM97	JARL
7105		2009	05	12	11:26	<1126-1602>	A3E		273		CHN	PBS Nei Menggu	ZHO Talk and Music	PM97	JARL
7105		2009	05	13	11:30	<1130-1602>	A3E		273		CHN	PBS Nei Menggu	ZHO Talk and Music	PM97	JARL
7105		2009	05	13	22:30	<2230-2302>	A3E		273		CHN	PBS Nei Menggu	ZHO Talk and Music	PM97	JARL
7105		2009	05	13	22:32	<2232-2259>	A3E		214		TWN	SoH	ZHO Talk and Music	PM97	JARL
7105		2009	05	14	11:34	<1134-1602>	A3E		273		CHN	PBS Nei Menggu	ZHO Talk and Music	PM97	JARL

kHz	BW	YYYY	MM	DD	GMT	Time	Emm	Bd	Sft	Hdg	ADM	ID	Description	Grid	Source
7105		2009	05	14	22:58	<2258-2302>	A3E			273	CHN	PBS Nei Menggu	ZHO Talk and Music	PM97	JARL
7105		2009	05	14	22:59	<2259-2300	A3E			non	TWN	SoH	ZHO Talk and Music	PM97	JARL
7105		2009	05	15	11:26	<1126-1602>	A3E			273	CHN	PBS Nei Menggu	ZHO Talk and Music	PM97	JARL
7105		2009	05	15	21:48	2148-2300>	A3E			273	CHN	PBS Nei Menggu	ZHO Talk and Music	PM97	JARL
7105		2009	05	15	21:50	2150-2300>	A3E			214	TWN	SoH	ZHO Talk and Music	PM97	JARL
7105		2009	05	16	11:16	<1116-1605	A3E			273	CHN	PBS Nei Menggu	ZHO Talk and Music	PM97	JARL
7105		2009	05	16	22:30	<2230-2302>	A3E			273	CHN	PBS Nei Menggu	ZHO Talk and Music	PM97	JARL
7105		2009	05	16	22:32	<2232-2259>	A3E			214	TWN	SoH	ZHO Talk and Music	PM97	JARL
7105		2009	05	17	11:06	<1106-1604>	A3E			273	CHN	PBS Nei Menggu	ZHO Talk and Music	PM97	JARL
7105		2009	05	17	21:50	<2150-2202>	A3E			273	CHN	PBS Nei Menggu	ZHO Talk and Music	PM97	JARL
7105		2009	05	17	21:52	<2152-2204>	A3E			214	TWN	SoH	ZHO Talk and Music	PM97	JARL
7105		2009	05	18	11:12	<1112-1604	A3E			273	CHN	PBS Nei Menggu	ZHO Talk and Music	PM97	JARL
7105		2009	05	18	22:12	<2212>	A3E			273	CHN	PBS Nei Menggu	ZHO Talk and Music	PM97	JARL
7105		2009	05	18	22:14	<2214>	A3E			214	TWN	SoH	ZHO Talk and Music	PM97	JARL
7105		2009	05	19	10:36	<1036-1605	A3E			273	CHN	PBS Nei Menggu	ZHO Talk and Music	PM97	JARL
7105		2009	05	20	11:08	<1108-1604>	A3E			273	CHN	PBS Nei Menggu	ZHO Talk and Music	PM97	JARL
7105		2009	05	20	22:08	<2208-2250>	A3E			273	CHN	PBS Nei Menggu	ZHO Talk and Music	PM97	JARL
7105		2009	05	20	22:10	<2210-2250>	A3E			214	TWN	SoH	ZHO Talk and Music	PM97	JARL
7105		2009	05	21	11:06	<1106-1600	A3E			273	CHN	PBS Nei Menggu	ZHO Talk and Music	PM97	JARL
7105		2009	05	21	21:50	<2150-2200>	A3E			273	CHN	PBS Nei Menggu	ZHO Talk and Music	PM97	JARL
7105		2009	05	21	21:50	<2150-2200>	A3E			214	TWN	SoH	ZHO Talk and Music	PM97	JARL
7105		2009	05	21	22:02	<2202-2230>	A3E			273	CHN	PBS Nei Menggu	ZHO Talk and Music	PM97	JARL
7105		2009	05	21	22:04	<2204-2230>	A3E			214	TWN	SoH	ZHO Talk and Music	PM97	JARL
7105		2009	05	22	11:08	<1108-1604>	A3E			273	CHN	PBS Nei Menggu	ZHO Talk and Music	PM97	JARL
7105		2009	05	23	11:08	<1108-2210>	A3E			273	CHN	PBS Nei Menggu	ZHO Talk and Music	PM97	JARL
7105		2009	05	23	22:12	<2212>	A3E			214	TWN	SoH	ZHO Talk and Music	PM97	JARL
7105		2009	05	24	11:08	<1108-1605	A3E			273	CHN	PBS Nei Menggu	ZHO Talk and Music	PM97	JARL
7105		2009	05	24	22:50	<2250>	A3E			273	CHN	PBS Nei Menggu	ZHO Talk and Music	PM97	JARL
7105		2009	05	24	22:50	<2250>	A3E			214	TWN	SoH	ZHO Talk and Music	PM97	JARL
7105		2009	05	25	11:08	<1108-1604>	A3E			273	CHN	PBS Nei Menggu	ZHO Talk and Music	PM97	JARL
7105		2009	05	25	22:08	<2208-2240>	A3E			273	CHN	PBS Nei Menggu	ZHO Talk and Music	PM97	JARL
7105		2009	05	25	22:10	<2210-2240>	A3E			214	TWN	SoH	ZHO Talk and Music	PM97	JARL
7105		2009	05	26	11:08	<1108-1604>	A3E			273	CHN	PBS Nei Menggu	ZHO Talk and Music	PM97	JARL
7105		2009	05	26	21:48	<2148-2150	N0N						no mod	PM97	JARL
7105		2009	05	26	21:50	2150-2200>	A3E			273	CHN	PBS Nei Menggu	ZHO Talk and Music	PM97	JARL
7105		2009	05	26	22:00	2200>	A3E			214	TWN	SoH	ZHO Talk and Music	PM97	JARL
7105		2009	05	27	09:58	<0958-1604>	A3E			273	CHN	PBS Nei Menggu	ZHO Talk and Music	PM97	JARL
7105		2009	05	28	09:50	0950	A3E						ZHO SW BROADCAST	QG52xi	WIA
7105		2009	05	28	10:10	<1010-1604>	A3E			273	CHN	PBS Nei Menggu	ZHO Talk and Music	PM97	JARL
7105		2009	05	28	21:50	2150-2200>	A3E			273	CHN	PBS Nei Menggu	ZHO Talk and Music	PM97	JARL
7105		2009	05	28	22:00	<2200-2206>	A3E			273	TWN	SoH	ZHO Talk and Music	PM97	JARL
7105		2009	05	29	10:08	<1008-1605	A3E			273	CHN	PBS Nei Menggu	ZHO Talk and Music	PM97	JARL
7105		2009	05	29	22:40	<2240-2302>	A3E			273	CHN	PBS Nei Menggu	ZHO Talk and Music	PM97	JARL
7105		2009	05	29	22:42	<2242-2259	A3E			214	TWN	SoH	ZHO Talk and Music	PM97	JARL
7105		2009	05	30	09:26	<0926-1604>	A3E			273	CHN	PBS Nei Menggu	ZHO Talk and Music	PM97	JARL
7105		2009	05	30	22:24	<2224>	A3E			273	CHN	PBS Nei Menggu	ZHO Talk and Music	PM97	JARL

kHz	BW	YYYY	MM	DD	GMT	Time	Emm	Bd	Sft	Hdg	ADM	ID	Description	Grid	Source
7105		2009	05	30	22:26	<2226>	A3E			214	TWN	SoH	ZHO Talk and Music	PM97	JARL
7105		2009	05	31	16:08	<1024-1608>	A3E			273	CHN	PBS Nei Menggu	ZHO Talk and Music	PM97	JARL
7105		2009	05	31	21:42	<2142-2150	N0N						no mod	PM97	JARL
7105		2009	05	31	21:50	2150-2200>	A3E			273	CHN	PBS Nei Menggu	ZHO Talk and Music	PM97	JARL
7105		2009	05	31	22:00	2200>	A3E			214	TWN	SoH	ZHO Talk and Music	PM97	JARL
7107.2		2009	05	05	03:21	<0321-0325>	J3E/U				CLN		SINHALA SPEAKING OM-OM QSOs	MK82	ARSI
7110		2009	05	01	19:08	<1908>	A3E				CHN	CRI	unknown	PM97	JARL
7120		2009	05	20	11:00	<1100>	A1A				RUS	RDA2	CALLING RBA2 & OTHERS	QG52xi	WIA
7125		2009	05	01	12:06	<1206-2134>	A3E			268	CHN	PBS Xizang	ZHO Talk and Music	PM97	JARL
7125		2009	05	02	12:08	<1208-1905	A3E			268	CHN	PBS Xizang	BOD Talk and Music	PM97	JARL
7125		2009	05	02	21:56	<2156>	A3E			268	CHN	PBS Xizang	BOD Talk and Music	PM97	JARL
7125		2009	05	03	11:10	<1110-1805	A3E			268	CHN	PBS Xizang	BOD Talk and Music	PM97	JARL
7125		2009	05	03	20:50	2050-2100>	A3E			268	CHN	PBS Xizang	BOD Talk and Music Programem start on time national anthem	PM97	JARL
7125		2009	05	04	12:08	<1208-1805	A3E			268	CHN	PBS Xizang	BOD/ZHO Talk and Music	PM97	JARL
7125		2009	05	05	12:08	<1208-1705	A3E			268	CHN	PBS Xizang	BOD Talk and Music	PM97	JARL
7125		2009	05	05	17:04	<1704-1705	A3E			268	CHN	PBS Xizang	BOD Talk and Music	PM97	JARL
7125		2009	05	05	18:02	<1802-1805	A3E			268	CHN	PBS Xizang	BOD Talk and Music	PM97	JARL
7125		2009	05	05	21:20	<2120-2130>	A3E			268	CHN	PBS Xizang	BOD Talk and Music	PM97	JARL
7125		2009	05	06	12:10	<1210-1710>	A3E			268	CHN	PBS Xizang	BOD Talk and Music	PM97	JARL
7125		2009	05	07	12:12	<1212-1804	A3E			268	CHN	PBS Xizang	BOD Talk and Music	PM97	JARL
7125		2009	05	08	20:46	<2046>	A3E						unknown ZHO? Talk and Music	PM97	JARL
7130		2009	05	06	12:59	<1259>	N0N						unknown no mod	PM97	JARL
7130		2009	05	25	11:00	1100	A1A						CIPHER GROUPS	QG52xi	WIA
7130		2009	05	DY	14:08	<1358-1800	A3E						ZHO Talk and Music. TWN R.Taiwan Intl from 214 deg?	PM97	JARL
7140		2009	05	06	13:02	<1302>	A3E						unknown ZHO? Talk and Music	PM97	JARL
7140		2009	05	07	19:04	<1904>	A3E						unkown RUS? Talk and Music	PM97	JARL
7140		2009	05	08	14:12	<1412>	A3E						unkown Talk only	PM97	JARL
7140		2009	05	12	13:10	<1310-1410>	A3E						unkown Talk only	PM97	JARL
7140		2009	05	13	13:10	<1310-1410>	A3E						unkown RUS? Talk and Music	PM97	JARL
7140		2009	05	18	13:10	<1310>	A3E						unkown ARA? Talk only	PM97	JARL
7140		2009	05	19	13:10	<1310>	A3E						unkown ARA? Talk only	PM97	JARL
7140		2009	05	21	13:08	<1308>	A3E						unkown ARA? Talk only	PM97	JARL
7140		2009	05	25	09:20	0920	A3E				KRE	VoKorea		QG52xi	WIA
7140		2009	05	25	13:10	<1310>	A3E						unkown ARA? Talk only	PM97	JARL
7140		2009	05	26	13:10	<1310>	A3E						unkown ARA? Talk only	PM97	JARL
7140		2009	05	27	13:14	<1314>	A3E						unkown ARA? Talk only	PM97	JARL
7140		2009	05	28	13:12	<1312>	A3E						unknown ARA? Talk and Music	PM97	JARL
7140		2009	05	29	13:12	<1312-1416>	A3E						unknown ARA? Talk and Music	PM97	JARL
7140		2009	05	30	13:10	<1310-1410>	A3E						unknown ARA? Talk and Music	PM97	JARL
7140		2009	05	31	13:10	<1310>	A3E						unknown ARA? Talk and Music	PM97	JARL
7140		2009	05	DY	00:40	<0040-1214>	A3E			321	KRE	Vo Korea	ZHO/KOR/ENG Talk and Music	PM97	JARL
7145		2009	05	21	13:10	<1310>	PXX				CHN		Moterbaot type JM	PM97	JARL
7145		2009	05	22	18:12	<1812>	A3E						unkown ARA? Talk only	PM97	JARL
7154		2009	05	13	12:01		PXX				CHN		Moterbaot type JM	PM97	JARL
7155		2009	05	10	11:10	<1110>	A3E			298	CHN	PBS Xinjiang	ZHO Talk and Music	PM97	JARL
7155		2009	05	11	11:40	<1140-1205	A3E			298	CHN	PBS Xinjiang	ZHO Talk and Music 12:05 QRT	PM97	JARL

kHz	BW	YYYY	MM	DD	GMT	Time	Emm	Bd	Sft	Hdg	ADM	ID	Description	Grid	Source
7155		2009	05	12	11:30	<1130-1205	A3E			298	CHN	PBS Xinjiang	ZHO Talk and Music 12:03 national anthem ? 12:05 QRT	PM97	JARL
7155		2009	05	13	11:34	<1134-1205	A3E			298	CHN	PBS Xinjiang	ZHO Talk and Music	PM97	JARL
7158		2009	05	16	11:48	<1148>	PXX				CHN		Moterbaot type JM	PM97	JARL
7158		2009	05	18	12:12	<1212>	PXX				CHN		Moterbaot type JM	PM97	JARL
7165		2009	05	03	14:12	<1412>	A3E						ZHO? Talk and Music	PM97	JARL
7165		2009	05	04	16:12	<1612>	A3E						ZHO? Talk and Music	PM97	JARL
7165		2009	05	05	12:12	<1212-1414>	A3E						ZHO Talk and Music same Programem PBS Nei Menggu ?	PM97	JARL
7165		2009	05	06	12:14	<1214-1414>	A3E						ZHO? Talk and Music	PM97	JARL
7165		2009	05	08	18:14	<1510-1814>	A3E						unknown ARA? Talk only	PM97	JARL
7165		2009	05	12	17:20	<1720-1816>	A3E						unknown Talk only	PM97	JARL
7165		2009	05	13	15:10	<1510-1714>	A3E						unknown Talk only	PM97	JARL
7165		2009	05	17	17:10	<1710-1808>	A3E						unknown ARA? Talk only	PM97	JARL
7165		2009	05	18	15:10	<1510-1818>	A3E						unknown ARA? Talk only	PM97	JARL
7165		2009	05	19	18:16	<1816>	A3E						unknown ARA? Talk only	PM97	JARL
7165		2009	05	21	15:14	<1514>	A3E						unknown ARA? Talk only	PM97	JARL
7165		2009	05	22	15:10	<1510-1814>	A3E						unknown ARA? Talk only	PM97	JARL
7165		2009	05	23	14:18	<1418-1816>	A3E						unknown ARA? Talk and Music	PM97	JARL
7165		2009	05	24	15:10	<1510>	A3E						unknown ARA? Talk and Music	PM97	JARL
7165		2009	05	25	15:10	<1510>	A3E						unknown ARA? Talk and Music	PM97	JARL
7165		2009	05	26	15:16	<1516>	A3E						unknown ARA? Talk and Music	PM97	JARL
7165		2009	05	27	14:16	<1416-1510>	A3E						unknown ARA? Talk and Music	PM97	JARL
7165		2009	05	29	15:10	<1510-1814>	A3E						unknown ARA? Talk and Music	PM97	JARL
7165		2009	05	30	15:10	<1510>	A3E						unknown ARA? Talk and Music	PM97	JARL
7165		2009	05	31	14:10	<1410-1808>	A3E						unknown ARA? Talk and Music	PM97	JARL
7170		2009	05	01	12:10	<1210-1306>	A3E			273	CHN	PBS Nei Menggu	ZHO Talk and Music	PM97	JARL
7170		2009	05	01	14:10	<1410-1710>	A3E			268	CHN	PBS Xizang	ZHO Talk and Music	PM97	JARL
7170		2009	05	02	17:12	<1212-1803	A3E			268	CHN	PBS Xizang	ZHO Talk and Music	PM97	JARL
7170		2009	05	03	11:14	<1114-2108>	A3E			268	CHN	PBS Xizang	ZHO Talk and Music	PM97	JARL
7170		2009	05	04	18:00	<1212-1800	A3E			268	CHN	PBS Xizang	ZHO Talk and Music	PM97	JARL
7170		2009	05	05	12:14	<1214-1708>	A3E			268	CHN	PBS Xizang	ZHO Talk and Music	PM97	JARL
7170		2009	05	06	12:16	<1216-1712>	A3E			268	CHN	PBS Xizang	ZHO Talk and Music	PM97	JARL
7170		2009	05	07	17:57	<1216-1805	A3E			268	CHN	PBS Xizang	ZHO Talk and Music	PM97	JARL
7180		2009	05	28	10:58	<1058-1100>	A3E			214	TWN	R.Taiwan Intl	ZHO Talk and Music 11:00 UTC Time signal 3 + 1 on time	PM97	JARL
7180		2009	05	28	10:59	<1059-1100>	A3E						ZHO Talk and Music	PM97	JARL
7180		2009	05	DY	21:36	<2110-2340>	A3E			321	KRE	VoKorea	KOR/ZHO Talk and Music	PM97	JARL
7185		2009	05	28	09:50	<0950-1000	N0N						no mod	PM97	JARL
7185		2009	05	29	09:56	<0956-1000	N0N						no mod	PM97	JARL
7185		2009	05	DY	09:58	<0958-1700	A3E			214	TWN	R.Taiwan Intl	ZHO Talk and Music	PM97	JARL
7185		2009	05	DY	10:00	1000-1700	A3E						ZHO Talk and Music	PM97	JARL
7200		2009	05	01	17:12	<1712-2138>	A3E						unknown	PM97	JARL
7200	6	2009	05	14	15:16	<1516>	XXX						white noice type JM.	PM97	JARL
7200		2009	05	14	17:12	<1712-1812>	A3E						unknown ARA? Talk only	PM97	JARL
7200		2009	05	15	17:12	<1712-1714>	A3E				TWN	R.Taiwan Intl	ZHO Talk and Music 7130KHz same Programem Enka music	PM97	JARL
7200	6	2009	05	16	16:14	<1614>	XXX						white noice type JM.	PM97	JARL
7200		2009	05	16	17:12	<1712-1810>	A3E						unknown ARA? Talk only	PM97	JARL
7200		2009	05	19	18:14	<1814>	A3E						unknown ARA? Talk only	PM97	JARL

kHz	BW	YYYY	MM	DD	GMT	Time	Emm	Bd	Sft	Hdg	ADM	ID	Description	Grid	Source
7200		2009	05	20	17:12	<1712-1938>	A3E						unknown ARA? Talk only	PM97	JARL
7200		2009	05	21	18:10	<1810>	A3E						unknown ARA? Talk only	PM97	JARL
7200		2009	05	22	17:14	<1714>	A3E						unknown ARA? Talk only	PM97	JARL
7200		2009	05	23	18:10	<1810-2206>	A3E						unknown ARA? Talk only	PM97	JARL
7200		2009	05	24	11:14	<1114>	A3E						ZHO? Talk and Music	PM97	JARL
7200		2009	05	24	18:10	<1810>	A3E						unknown ARA? Talk only	PM97	JARL
7200		2009	05	25	17:12	<1712-1810>	A3E						unknown ARA? Talk only	PM97	JARL
7200		2009	05	26	17:12	<1712>	A3E						unknown ARA? Talk only	PM97	JARL
7200	6	2009	05	27	15:16	<1516-1614>	XXX						white noice type JM.	PM97	JARL
7200		2009	05	29	17:14	<1714-1812>	A3E						unknown ARA? Talk and Music	PM97	JARL
7200		2009	05	30	15:12	<1512>	A3E						unknown ARA? Talk and Music	PM97	JARL
7200		2009	05	31	17:14	<1714-1909>	A3E						unknown ARA? Talk and Music	PM97	JARL
7200		2009	05	DY	10:12	<1012-2058>	A3E			352	RUS	NVK R.Sakha	RUS? Talk and Music	PM97	JARL
14000		2009	05	01	07:35	0735-0840	J3E/U			360	CLN		Group of males, work from boats, Sinhala	OF84wx	WIA
14000		2009	05	01	23:00	<2300>	J3E/U						FISH BOATS - MOTOR NOISE	QG52xi	WIA
14000		2009	05	01	23:35	2335-0040	J3E/U			360	CLN		Group of males, work from boats, Sinhala	OF84wx	WIA
14000		2009	05	02	23:30	2330-0110	J3E/U			360	CLN		Group of males, work from boats, Sinhala	OF84wx	WIA
14000		2009	05	03	07:35	0735-0905	J3E/U			360	CLN		Group of males, work from boats, Sinhala	OF84wx	WIA
14000		2009	05	03	23:20	2320-0040	J3E/U			360	CLN		Group of males, work from boats, Sinhala	OF84wx	WIA
14000		2009	05	04	07:57	0757-0933	J3E/U			360	CLN		Group of males, work from boats, Sinhala	OF84wx	WIA
14000		2009	05	05	00:40	0040-0100	J3E/U			360	CLN		group of males, work from boats, Sinhala	OF84wx	WIA
14000		2009	05	05	07:45	0745-0900	J3E/U			360	CLN		Group of males, work from boats, Sinhala	OF84wx	WIA
14000		2009	05	05	23:30	2330-0105	J3E/U			360	CLN		Group of males, work from boats, Sinhala	OF84wx	WIA
14000		2009	05	06	08:00	0800-0945	J3E/U			360	CLN		group of males, work from boats, Sinhala	OF84wx	WIA
14000		2009	05	06	23:20	2320-0100	J3E/U			360	CLN		Group of males, work from boats, Sinhala	OF84wx	WIA
14000		2009	05	07	07:20	<0720-0935	J3E/U			360	CLN		Group of males, work from boats, Sinhala	OF84wx	WIA
14000		2009	05	07	23:30	2330-0100	J3E/U			360	CLN		Group of males, work from boats, Sinhala	OF84wx	WIA
14000		2009	05	08	07:30	0730-0830	J3E/U			360	CLN		Group of males, work from boats, Sinhala	OF84wx	WIA
14000		2009	05	08	23:40	2340-0100	J3E/U			360	CLN		group of males, work from boats, Sinhala	OF84wx	WIA
14000		2009	05	09	07:20	0720-0800	J3E/U			360	CLN		Group of males, work from boats, Sinhala	OF84wx	WIA
14000		2009	05	09	23:55	2355-0055	J3E/U			360	CLN		Group of males, work from boats, Sinhala	OF84wx	WIA
14000		2009	05	10	07:18	0718>	J3E/U			360	CLN		Group of males, work from boats, Sinhala	OF84wx	WIA
14000		2009	05	10	23:25	2325-0135	J3E/U			360	CLN		Group of males, work from boats, Sinhala	OF84wx	WIA
14000		2009	05	11	07:25	0725-0959	J3E/U			360	CLN		group of males, work from boats, Sinhala	OF84wx	WIA
14000		2009	05	11	23:40	2340-0200	J3E/U			360	CLN		Group of males, work from boats, Sinhala	OF84wx	WIA
14000		2009	05	12	08:40	0840-0920	J3E/U			360	CLN		Group of males, work from boats, Sinhala	OF84wx	WIA
14000		2009	05	12	23:30	2330-0205	J3E/U			360	CLN		Group of males, work from boats, Sinhala	OF84wx	WIA
14000		2009	05	13	07:40	0740-0900	J3E/U			360	CLN		Group of males, work from boats, Sinhala	OF84wx	WIA
14000		2009	05	13	23:15	2315-0055	J3E/U			360	CLN		Group of males, work from boats, Sinhala	OF84wx	WIA
14000		2009	05	14	07:25	0725-0915	J3E/U			360	CLN		group of males, work from boats, Sinhala	OF84wx	WIA
14000		2009	05	14	23:15	2315-0100	J3E/U			360	CLN		group of males, work from boats, Sinhala	OF84wx	WIA
14000		2009	05	15	07:15	0715-0925	J3E/U			360	CLN		Group of males, work from boats, Sinhala	OF84wx	WIA
14000		2009	05	15	23:40	2340-0110	J3E/U			360	CLN		Group of males, work from boats, Sinhala	OF84wx	WIA
14000		2009	05	16	22:50	2250-0040	J3E/U			360	CLN		Group of males, work from boats, Sinhala	OF84wx	WIA
14000		2009	05	17	06:55	0655-0855	J3E/U			360	CLN		Group of males, work from boats, Sinhala	OF84wx	WIA
14000		2009	05	17	23:10	2310-0155	J3E/U			360	CLN		2 groups 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	05	18	08:00	0800-0920	J3E/U			360	CLN		Group of males,work from boats, Sinhala	OF84wx	WIA
14000		2009	05	18	23:15	2315-0115	J3E/U			360	CLN		Group of males, work from boats, Sinhala	OF84wx	WIA
14000		2009	05	19	07:36	0736-1006	J3E/U			360	CLN		Group of males, work from boats, Sinhala	OF84wx	WIA
14000		2009	05	19	23:25	2325-0515	J3E/U			360	CLN		Group of males work from boats, Sinhala	OF84wx	WIA
14000		2009	05	20	07:46	0746-0941	J3E/U			360	CLN		Group of males work from boats, Sinhala	OF84wx	WIA
14000		2009	05	20	23:15	2315>	J3E/U			360	CLN		Group of males work from boats, Sinhala	OF84wx	WIA
14000		2009	05	21	08:20	0820-0940	J3E/U			360	CLN		Group of males work from boats, Sinhala	OF84wx	WIA
14000		2009	05	21	23:30	2330-0100	J3E/U			360	CLN		Group of males work from boats, Sinhala	OF84wx	WIA
14000		2009	05	22	23:50	2350-0035	J3E/U			360	CLN		Group of males work from boats, Sinhala	OF84wx	WIA
14000		2009	05	23	23:15	2315-0045	J3E/U			360	CLN		Group of males work from boats, Sinhala	OF84wx	WIA
14000		2009	05	24	23:15	2315-0035	A3E			360	CLN		Group of males work from boats, Sinhala	OF84wx	WIA
14000		2009	05	25	07:20	0720	J3E/U						ZHO FISHBOATS, ENGINE NOISE IN BACKGROUND	QG52xi	WIA
14000		2009	05	25	07:50	0750-0900	J3E/U			360	CLN		Group of males work from boats, Sinhala	OF84wx	WIA
14000		2009	05	25	23:25	2325-0118	J3E/U			360	CLN		Group of males work from boats, Sinhala	OF84wx	WIA
14000		2009	05	26	07:08	0708-0830	J3E/U			315	CLN		Single male calling, no reply	OF84wx	WIA
14000		2009	05	26	08:00	0800-0850	J3E/U			315	CLN		2 males work from boats	OF84wx	WIA
14000		2009	05	26	23:30	2330-0107	J3E/U			315	CLN		Group of maled work from boats	OF84wx	WIA
14000		2009	05	27	08:13	0813-0825	J3E/U			315	CLN		Group of males work from boats, Sinhala	OF84wx	WIA
14000		2009	05	27	09:30	0930	A1A						CIPHER GROUPS, ALL ENGLISH CHAR CALL DNLX	QG52xi	WIA
14000	3	2009	05	27	09:30	0930	X7D						DATA, CYCLIC PLACE SAVER DITHER TONES	QG52xi	WIA
14000		2009	05	27	23:20	2320-0050	J3E/U			315	CLN		Group of males work from boats	OF84wx	WIA
14000		2009	05	28	07:30	0730-0850	J3E/U			315	CLN		Groups of males work from boats	OF84wx	WIA
14000		2009	05	28	23:40	2340-0135	J3E/U			315	CLN		Group of males, work from boats	OF84wx	WIA
14000		2009	05	29	07:50	0750>	J3E/U			315	CLN		Group of males work from boats	OF84wx	WIA
14000		2009	05	29	23:20	2320>	J3E/U			315	CLN		Group of males work from boats	OF84wx	WIA
14000		2009	05	30	23:10	2310-0145>	J3E/U			315	CLN		Group of males, work from boats	OF84wx	WIA
14000		2009	05	31	23:40	2340-0100	J3E/U			315	CLN		Group of males work from boats	OF84wx	WIA
14001		2009	05	05	02:37	<0237>	J3E/U				CLN		SINHALA SPEAKING OM-OM QSOs	MK82	ARSI
14005		2009	05	10	07:15	0715>	J3E/U			360	INS		Male-female Indonesian	OF84wx	WIA
14005		2009	05	18	00:40	<0040>	J3E/U			360	CLN		2 males, Sinhala	OF84wx	WIA
14005		2009	05	19	01:00	0100>	J3E/U			360	CLN		2 males, Sinhala	OF84wx	WIA
14005	10	2009	05	24	08:00	<0800>	PXX						EXTREMELY STRONG RUS?	QG52xi	WIA
14010		2009	05	18	00:02	0002-0057	J3E/U			360	CLN		2 males, Sinhala	OF84wx	WIA
14010		2009	05	18	08:00	<0800>	J3E/U			360	CLN		2 males, Sinhala	OF84wx	WIA
14011.2		2009	05	19	01:15	0115>	J3E/U			360	CLN		2 males, Sinhala	OF84wx	WIA
14012		2009	05	05	02:00	<0200>	J3E/U				CLN		SINHALA SPEAKING OM-OM QSOs	MK82	ARSI
14012		2009	05	06	01:44	<0144-0150>	J3E/U				CLN		SINHALA SPEAKING OM-OM QSOs	MK82	ARSI
14012.7		2009	05	21	08:05	0805>	J3E/U			360			2 males	OF84wx	WIA
14013		2009	05	28	08:15	0815	A1A					NFSL	4 LTR CIPHER GROUPS, NFSL CALLING VGBE & BHU6	QG52xi	WIA
14013		2009	05	29	08:05	0805-0820	J3E/U			315	CLN		2 males	OF84wx	WIA
14014		2009	05	18	08:40	0840-0910	J3E/U			360	CLN		Group of males, Sinhala	OF84wx	WIA
14014		2009	05	25	00:45	0045-0105	J3E/U			360			Chinese male read text, rpt each section	OF84wx	WIA
14015	3	2009	05	27	09:30	0930	X7D						DATA, CYCLIC PLACE SAVER DITHER TONES	QG52xi	WIA
14020		2009	05	20	08:56	0856>	J3E/L			360	CLN		2 males. Sinhala	OF84wx	WIA
14021		2009	05	06	09:20	<0920>	J3E/U						ORIENTAL	QG52xi	WIA
14021	3	2009	05	25	07:25	0725	X7D						DATA, 3 CARRIERS 500 HZ APART	QG52xi	WIA

kHz	BW	YYYY	MM	DD	GMT	Time	Emm	Bd	Sft	Hdg	ADM	ID	Description	Grid	Source
14023		2009	05	16	08:00	<0800	J3E/L						ORIENTAL, NON-CHINESE	QG52xi	WIA
14025	50	2009	05	16	08:00	<0800>	PXX				GCA		RADAR, EXTREMELY STRONG	QG52xi	WIA
14028		2009	05	04	08:00	<0800>	F1B		250				Encrypted		NZART
14032.7		2009	05	26	23:45	2345>	J3EL			315	CLN		2 males work from boats	OF84wx	WIA
14034		2009	05	27	09:15	0915	J3E/L						CHINESE	QG52xi	WIA
14045	6	2009	05	27	09:10	0910	X7D						20 CARRIERS MEDIUM DATA RATE	QG52xi	WIA
14047.5		2009	05	26	00:03	0003-0125	J3E/L			360	CLN		2 males, work from boats, Sinhala	OF84wx	WIA
14048		2009	05	02	02:00	<0200>	J3E/U							QG52xi	WIA
14048		2009	05	28	23:30	2330-0200	J3E/L			315	CLN		Group of males work from boats	OF84wx	WIA
14048		2009	05	29	07:15	0715-0844	J3E/L			315	CLN		Group of males work from boats	OF84wx	WIA
14048		2009	05	29	23:20	2320-0100	J3E/L			315	CLN		Group of males work from boats	OF84wx	WIA
14048		2009	05	30	23:10	2310_2350	J3E/L			315	CLN		Group of males work from boats	OF84wx	WIA
14048		2009	05	31	23:55	2355-0100	J3E/L			315	CLN		Group of males work from boats	OF84wx	WIA
14050	100	2009	05	25	07:15	0715	N0N						SWEEPING UNSTABLE CARRIERS ACROSS BOTTOM 100 KHZ	QG52xi	WIA
14056.1		2009	05	19	08:00	0800-0815	J3E/U			360			Male-female, Chinese	OF84wx	WIA
14065		2009	05	02	00:00	0000-0030	A3E			360	PHL	VoAmerica	Re/broadcast of Indonesian news service	OF84wx	WIA
14065		2009	05	03	00:00	0000-0030	A3E			360	PHL	VoAmerica	Re/broadcast of Indonesian news service	OF84wx	WIA
14065		2009	05	04	00:00	0000-0030	A3E			360	PHL	VoAmerica	Re/broadcast of Indonesian news service	OF84wx	WIA
14065		2009	05	05	00:00	0000-0030	A3E			360	PHL	VoAmerica	Re/broadcast of Indonesian news service	OF84wx	WIA
14065		2009	05	06	00:00	0000-0030	A3E			360	PHL	VoAmerica	Re/broadcast of Indonesian news service	OF84wx	WIA
14065		2009	05	07	00:00	0000-0030	A3E			360	PHL	VoAmerica	Re/broadcast of Indonesian news service	OF84wx	WIA
14065		2009	05	08	00:00	0000-0030	A3E			360	PHL	VoAmerica	Re/broadcast of Indonesian news service	OF84wx	WIA
14065		2009	05	09	00:00	0000-0030	A3E			360	PHL	VoAmerica	Re/broadcast of Indonesian news service	OF84wx	WIA
14065		2009	05	10	00:00	0000-0030	A3E			360	PHL	VoAmerica	Re/broadcast of Indonesian news service	OF84wx	WIA
14065		2009	05	11	00:00	0000-0030	A3E			360	PHL	VoAmerica	Re/broadcast of Indonesian news service	OF84wx	WIA
14065		2009	05	12	00:00	0000-0030	A3E			360	PHL	VoAmerica	Re/broadcast of Indonesian news service	OF84wx	WIA
14065		2009	05	13	00:00	0000-0030	A3E			360	PHL	VoAmerica	Re/broadcast of Indonesian news service	OF84wx	WIA
14065		2009	05	14	00:00	0000-0030	A3E			360	PHL	VoAmerica	Re/broadcast of Indonesian news service	OF84wx	WIA
14065		2009	05	14	08:00	<0800>	J3E/U						ORIENTAL	QG52xi	WIA
14065		2009	05	15	00:00	0000-0030	A3E			360	PHL	VoAmerica	Re/broadcast of Indonesian news service	OF84wx	WIA
14065		2009	05	17	00:00	0000-0030	A3E			360	PHL	VoAmerica	Re/broadcast of Indonesian news service	OF84wx	WIA
14065		2009	05	18	00:00	0000-0030	A3E			360	PHL	VoAmerica	Re/broadcast of Indonesian news service	OF84wx	WIA
14065		2009	05	19	00:00	0000-0031	A3E			360	PHL	VoAmerica	Re/broadcast of Indonesian news service	OF84wx	WIA
14065		2009	05	20	00:00	0000-0030	A3E			360	PHL	VoAmerica	Re/broadcast of Indonesian news service	OF84wx	WIA
14065		2009	05	21	00:00	0000-0030	A3E			360	PHL	VoAmerica	Re/broadcast of Indonesian news service	OF84wx	WIA
14065		2009	05	22	00:00	0000-0030	A3E			360	PHL	VoAmerica	Re/broadcast of Indonesian news service	OF84wx	WIA
14065		2009	05	23	00:00	0000-0030	A3E			360	PHL	VoAmerica	Re/broadcast of Indonesian news service	OF84wx	WIA
14065		2009	05	24	00:00	0000-0030	A3E			360	PHL	VoAmerica	Re/broadcast of Indonesian news service	OF84wx	WIA
14065		2009	05	25	00:00	0000-0030	A3E			360	PHL	VoAmerica	Re/broadcast of Indonesian news service	OF84wx	WIA
14065		2009	05	26	00:00	0000-0030	A3E			360	PHL	VoAmerica	Re/broadcast of Indonesian news service	OF84wx	WIA
14065		2009	05	27	00:00	0000-0030	A3E			360	PHL	VoAmerica	Re/broadcast of Indonesian news service	OF84wx	WIA
14065		2009	05	28	00:00	0000-0030	A3E			360	PHL	VoAmerica	Re/broadcast of Indonesian news service	OF84wx	WIA
14065		2009	05	29	00:00	0000-0030	A3E			360	PHL	VoAmerica	Re/broadcast of Indonesian news service	OF84wx	WIA
14065		2009	05	30	00:00	0000-0030	A3E			360	PHL	VoAmerica	Re/broadcast of Indonesian news service	OF84wx	WIA
14065		2009	05	31	00:00	0000-0030	A3E			315	PHL	VoAmerica	Re/broadcast of Indonesian news service	OF84wx	WIA
14070		2009	05	25	08:25	0825>	J3E/U			360	INS		Male-female Indonesian	OF84wx	WIA

kHz	BW	YYYY	MM	DD	GMT	Time	Emm	Bd	Sft	Hdg	ADM	ID	Description	Grid	Source
14086		2009	05	20	23:50	2350>	J3E/U			360	CLN		2 males, Sinhala	OF84wx	WIA
14091		2009	05	14	00:30	0030-0045	J3E/U			360			2 males, Sinhala ?	OF84wx	WIA
14099		2009	05	25	22:35	2235>	J3E/L			360	INS		2 males Indonesian	OF84wx	WIA
14100		2009	05	12	08:32	0832-0840	J3E/U			360	CLN		Group of males, work from boats, Sinhala	OF84wx	WIA
14100		2009	05	21	00:15	0015>	J3E/U			360			2 males. Chinese	OF84wx	WIA
14103.2		2009	05	21	08:15	0815>	J3E/U			360	INS		Male-female Indonesian	OF84wx	WIA
14106		2009	05	10	07:30	0730>	J3E/U			360			2 males Sinhala?	OF84wx	WIA
14108		2009	05	DY	09:15	0915	A1A						5 LTR CIPHER GRPS MANY NON-ENGLISH CHAR	QG52xi	WIA
14110		2009	05	26	07:27	0727>	J3E/U			360	INS		Male-female, Indonesian	OF84wx	WIA
14111		2009	05	17	07:05	0705>	J3E/U			360			2 males. Chinese	OF84wx	WIA
14111		2009	05	21	08:40	0840-0900	J3E/U			360	INS		Group of males, Indonesians	OF84wx	WIA
14111.4		2009	05	06	02:35	0235>	J3E/U			360	INS		2 males, Indonesian	OF84wx	WIA
14113.5		2009	05	19	08:20	<0820>	J3E/U			360			male-female,Chinese	OF84wx	WIA
14114		2009	05	19	08:20	<0820>	J3E/U			360			Male-female, Chinese	OF84wx	WIA
14116		2009	05	18	07:10	<0710>	F1B		250				Encrypted		NZART
14117.5		2009	05	18	09:25	0925-0940	J3E/U			360			Male-female, Chinese	OF84wx	WIA
14122	3.3	2009	05	17	07:00	<0700>	G7B						PHASE MOD. MUTI-CHANNEL		NZART
14123		2009	05	11	07:35	0735-0742	J3E/U			360	CLN		Group of males, work from boats, Sinhala	OF84wx	WIA
14123		2009	05	30	23:45	2345>	J3E/U			315	CLN		2 males	OF84wx	WIA
14135		2009	05	01	23:35	2335-2400	A3E			360	PHL	VoAmerica	Re/broadcast of Philippino news service	OF84wx	WIA
14135		2009	05	02	23:25	2325-2400	A3E			360	PHL	VoAmerica	Re/broadcast of Philippino news service	OF84wx	WIA
14135		2009	05	03	22:45	2245-2400	A3E			360	PHL	VoAmerica	Re/broadcast of Philippino news service	OF84wx	WIA
14135		2009	05	04	22:45	2245-2400	A3E			360	PHL	VoAmerica	Re/broadcast of Philippino news service	OF84wx	WIA
14135		2009	05	05	22:40	2240-2400	A3E			360	PHL	VoAmerica	Re/broadcast of Philippino news service	OF84wx	WIA
14135		2009	05	06	22:45	2245-2400	A3E			360	PHL	VoAmerica	Re/broadcast of Philippino news service	OF84wx	WIA
14135		2009	05	07	23:00	2300-2400	A3E			360			Signal too weak, only carrier at S1 copied	OF84wx	WIA
14135		2009	05	08	23:15	2315-2400	A3E			360	PHL	VoAmerica	Re/broadcast of Philippino news service	OF84wx	WIA
14135		2009	05	09	23:08	2308-2400	A3E			360	PHL	VoAmerica	Re/broadcast of Philippino news service	OF84wx	WIA
14135		2009	05	10	22:30	2230-2400	A3E			360	PHL	VoAmerica	Re/broadcast of Philippino news service	OF84wx	WIA
14135		2009	05	11	22:30	2230-2400	A3E			360	PHL	VoAmerica	Re/broadcast of Philippino news service	OF84wx	WIA
14135		2009	05	12	22:30	2230-2400	A3E			360	PHL	VoAmerica	Re/broadcast of Indonesian news service	OF84wx	WIA
14135		2009	05	13	22:30	2230-2400	A3E			360	PHL	VoAmerica	Re/broadcast of Philippino news service	OF84wx	WIA
14135		2009	05	14	08:15	0815-0820	J3E/L			360	CLN		2 males Sinhala	OF84wx	WIA
14135		2009	05	14	22:30	2230-2400	A3E			360	PHL	VoAmerica	Re/broadcast of Philippino news service	OF84wx	WIA
14135		2009	05	15	22:30	2230-2400	A3E			360	PHL	VoAmerica	Re/broadcast of Philippines news service	OF84wx	WIA
14135		2009	05	16	22:50	2250-2400	A3E			360	PHL	VoAmerica	Re/broadcast of Philippines news service	OF84wx	WIA
14135		2009	05	17	22:30	2230-2400	A3E			360	PHL	VoAmerica	Re/broadcast of Philippines news service	OF84wx	WIA
14135		2009	05	18	23:15	2315-2400	A3E			360	PHL	VoAmerica	Re/broadcast of Philippino news service	OF84wx	WIA
14135		2009	05	19	22:30	2230-2400	A3E			360	PHL	VoAmerica	Re/broadcast of Philippino news service	OF84wx	WIA
14135		2009	05	20	23:15	2315-2400	A3E			360	PHL	VoAmerica	Re/Broadcast of Philippino news service	OF84wx	WIA
14135		2009	05	21	22:30	2230-2400	A3E			360	PHL	VoAmerica	Re/broadcast of Philippino news service	OF84wx	WIA
14135		2009	05	22	23:15	2315-0000	A3E			360	PHL	VoAmerica	Re/broadcast of Philippino news service	OF84wx	WIA
14135		2009	05	23	23:15	2315-2400	A3E			360	PHL	VoAmerica	Re/broadcast of Philippino news service	OF84wx	WIA
14135		2009	05	24	23:15	2315-2400	A3E			360	PHL	VoAmerica	Re/Broadcast of Philippino news service	OF84wx	WIA
14135		2009	05	25	23:15	2315-0000	A3E			360	PHL	VoAmerica	Re/broadcast of Philippino news service	OF84wx	WIA
14135		2009	05	26	22:55	2255-0000	A3E			360	PHL	VoAmerica	Re/broadcast of Philippino news service	OF84wx	WIA

KHz	BW	YYYY	MM	DD	GMT	Time	Emm	Bd	Sft	Hdg	ADM	ID	Description	Grid	Source
14135		2009	05	27	23:15	2315-2400	A3E			360	PHL	VoAmerica	Re?broadcast of Philippino news service	OF84wx	WIA
14135		2009	05	28	22:40	2240-2400	A3E			360	PHL	VoAmerica	Re/broadcast Philippino news service	OF84wx	WIA
14135		2009	05	29	23:45	2345-2400	A3E			360	PHL	VoAmerica	Re/broadcast of Philippino news service	OF84wx	WIA
14135		2009	05	30	23:10	2310-2400	A3E			360	PHL	VoAmerica	Re/broadcast of Philippino news service	OF84wx	WIA
14135		2009	05	31	22:49	2249-0000	A3E			360	PHL	VoAmerica	Re/broadcast of Philippino news service	OF84wx	WIA
14145		2009	05	11	07:30	0730-0740	J3E/U			360	CLN		Group of males, work from boats, Sinhala	OF84wx	WIA
14147		2009	05	09	00:02	0002>	J3E/L			360			2 males, sinhala ?	OF84wx	WIA
14148		2009	05	27	08:00	0800>	J3E/U			360			2 males	OF84wx	WIA
14151.5		2009	05	20	08:50	0850>	J3E/U			360	CLN		Group of males work from boats, Sinhala	OF84wx	WIA
14151.5		2009	05	25	08:45	0845-0900	J3E/U			360	CLN		Group of males work from boats, Sinhala	OF84wx	WIA
14185.2		2009	05	12	08:45	0845-0851	J3E/U			360	CLN		2 males Sinhala	OF84wx	WIA
14193	2	2009	05	DY	00:XX	00XX-23XX	F7B					289	Traffic to 139, 141, & 658 (Tactical Call Signs)		NZART
14200.3		2009	05	25	23:55	2355>	J3E/U			360	CLN		2 males, Sinhala	OF84wx	WIA
14214		2009	05	02	02:00	<0200-0237>	A3E						Pop Music - Spurious Emission		NZART
14221		2009	05	DY	18:50	<1850-2000>	F1B		250				Idle signals only		NZART
14232		2009	05	16	07:30	<0730>	F1B		250				Encrypted		NZART
14238		2009	05	07	07:50	<0750>	F1B		250				Encrypted		NZART
14240		2009	05	18	07:25	<0725>	F1B		250				Encrypted		NZART
14241.2		2009	05	06	02:00	<0200-0205>	J3E/U				CLN		SINHALA SPEAKING OM-OM QSOs	MK82	ARSI
14246.7		2009	05	14	23:55	2355>	J3E/L			360			2 males, sinhala ?	OF84wx	WIA
14250		2009	05	02	23:35	2335>	A3E			360	KRE	VoKorea	Music and news	OF84wx	WIA
14250		2009	05	DY	07:00	<0700-0800>	A3E				KRE	VoKorea	B.C. Stn. Pyongyang.		NZART
14252.5		2009	05	29	23:50	2350-0125	J3E/U			360	INS		2 groups of males, Sinhala and Indonesian	OF84wx	WIA
14263.2		2009	05	04	08:00	0800>	J3E/U			360			2 males, chinese	OF84wx	WIA
14277.7		2009	05	04	01:07	0107-0108	J3E/U			360	INS		2 males pass coded msgs, Indonesian	OF84wx	WIA
14277.7		2009	05	04	02:45	0245-0259	J3E/U			360	INS		2 males passing coded msga, Indonesian	OF84wx	WIA
14277.7		2009	05	06	01:51	0151-0152	J3E/U			360	INS		2 males pass coded msgs, Indonesian	OF84wx	WIA
14277.7		2009	05	07	01:36	0136-0206	J3E/U			360	INS		Male-female pass coded msgs, indonesian	OF84wx	WIA
14277.7		2009	05	08	01:02	0102-0137	J3E/U			360	INS		2males 1female pass coded msgs,Indones.	OF84wx	WIA
14277.7		2009	05	09	00:55	0055-0057	J3E/U			360	INS		Male-female pass coded masgs Indonesian	OF84wx	WIA
14277.7		2009	05	11	01:00	0100-0126	J3E/U			360			2males -2 females pass coded msgs	OF84wx	WIA
14277.7		2009	05	12	01:40	0140-0141	J3E/U			360	INS		Male-female, pass coded msgs, no msgs	OF84wx	WIA
14277.7		2009	05	13	07:40	0740-0743	J3E/U			360	INS		2 males pass coded msgs, Indonesian	OF84wx	WIA
14277.7		2009	05	14	01:12	0112-0115	J3E/U			360	INS		2 males pass coded msgs, Indonesian	OF84wx	WIA
14277.7		2009	05	15	02:25	0225-0233	J3E/U			360	INS		Male-female, pass coded msgs, no msgs	OF84wx	WIA
14277.7		2009	05	18	01:02	0102-0112	J3E/U			360	INS		2 groups pass coded msgs no qrm to each	OF84wx	WIA
14277.7		2009	05	19	01:32	0132-0150	J3E/U			360	INS		2 males pass coded msgs, Indonesian	OF84wx	WIA
14277.7		2009	05	20	01:04	0104-0106	J3E/U			360	INS		2 females, Indonesian	OF84wx	WIA
14277.7		2009	05	21	01:22	0122-0123	J3E/U			360			Male-female Indonesian pass coded msgs	OF84wx	WIA
14277.7		2009	05	27	01:40	0140-0151	J3E/U			360	INS		Female-2 males pass coded msgs	OF84wx	WIA
14277.7		2009	05	28	01:10	0110-0130	J3E/U			360	INS		2 males pass coded msgs, Indonesian	OF84wx	WIA
14277.7		2009	05	29	01:13	0113-0115	J3E/U			360	INS		1 female calling no reply, Indonesian	OF84wx	WIA
14280		2009	05	DY	07:30	<0730>	A3E				KRE	VoKorea	2f of 7140 kHz.		NZART
14288		2009	05	19	23:51	2351>	J3E/U			360	CLN		2 males, Sinhala	OF84wx	WIA
14309		2009	05	19	08:34	0834>	J3E/U			360			Male-female, Chinese	OF84wx	WIA
14309		2009	05	20	07:54	07545>	J3E/L			360			2 males	OF84wx	WIA

kHz	BW	YYYY	MM	DD	GMT	Time	Emm	Bd	Sft	Hdg	ADM	ID	Description	Grid	Source
14333		2009	05	22	00:40	0040>	J3E/U			360			2 males., Chinese	OF84wx	WIA
14333		2009	05	25	00:42	<0042>	J3E/U			360			Group of males, Chinese	OF84wx	WIA
14336		2009	05	12	08:48	0848-0852	J3E/U			360			2 males, chinese	OF84wx	WIA
14342		2009	05	17	07:00	0700>	J3E/L			360			Group of males, Chinese	OF84wx	WIA
18094.5		2009	05	04	09:21	<0921>	J3E/U						CHINESE FISHING TRAWLERS QSO 2-OM	MK82	ARSI

kHz	YYYY	MM	DD	GMT	Call	Comment	Spotter
3595.0	2009	05	02	2243	PIRATES	usb	PA2RU
3785.0	2009	05	18	2238	_PIRATES	Pirates on USB	EA4ZQ
7005.0	2009	05	18	2118	OA/P1RATE	Pirates from Peru in USB	ZP6DEM
7030.0	2009	05	04	2255	INTRUDER	BC in AM S9 bad QRK in JO41	DJ4EY
7030.0	2009	05	04	2300	INTRUDER	SK at 23:00 UTC	DJ4EY
7030.0	2009	05	24	2047	INTRUDER	AM BC	DJ4EY
7100.0	2009	05	31	0751	PIRATE	USB-ARABE	EA5EN
7100.0	2009	05	31	1905	P5NEWS		OE3GSA
7100.0	2009	05	31	1923	NEWS	radionews???	EA8DD
7100.6	2009	05	31	1901	VO1CEOFKORE	AM broadcast	SV3DCX
7105.0	2009	05	08	2209	BY1CINA	China Radio musik on 40m	OZ1LCG
7150.0	2009	05	24	1952	BR0ASCAST	Disturbing hamradio	ON7CD
7175.0	2009	05	22	0402	NOISE	loud hash, jamming idiots	N2RJ
7175.0	2009	05	24	1918	VE1FO/P	No Copy Broadcast on freq	ON7CD
7175.0	2009	05	24	1954	BR0ADCAST	Disturbing hamradio	ON7CD
10112.0	2009	05	05	1638	A35KL	Cyprus RADAR freq	DK0PM
10115.0	2009	05	24	0249	BB-NOISE	MAJOR BROADBAND NOISE 59+++	W8FHF
10141.0	2009	05	04	1735	RADAR		PA7ZZ
14004.0	2009	05	22	0709	INTRUDERS	rtty ?????????	EA2AFV
14016.0	2009	05	07	0627	PIRATES		IV3JCC
14092.0	2009	05	06	1444	AM0BC	AM comercial broadcast?	EA2URD
14092.0	2009	05	06	1448	BC0AM	codified data on background?,	EA2URD
14203.8	2009	05	28	0940	LSB	maybe Pirates?	DH3RD
14332.0	2009	05	21	0928	WITHOUT	German Pirates-no call	SWL
18082.2	2009	05	28	1356	INTRUDER		PA3C
18118.0	2009	05	11	0140	QR1M	more commercial digi intruders	KF7E
18130.0	2009	05	18	1406	PI1RATE	18130 AM arab radio	SWL
21002.0	2009	05	28	1105	P1RATE	amtor pirate	F8IXZ
21007.8	2009	05	10	1313	INTRUDER	espanol language???	IK6HRB
21030.0	2009	05	22	1845	INTRU	USB Spanish ??	OH6PA
21030.0	2009	05	22	1852	PIRATE	but who is on usb ?? QSY QSY	IK6SIO
21210.0	2009	05	17	1620	PIRATES		EA1JG
21212.0	2009	05	09	2031	PIRATES	Scottish fishermen !	DX0SWL
28004.0	2009	05	29	0748	T0AXI	russian TAXI!	LY5W
28014.8	2009	05	10	1615	TAXI	from RA , 59+++++	DL5XJ
28035.0	2009	05	01	1133	F/PIRAT	in FM	DL0GH
28035.0	2009	05	01	1150	F/PIRATES	listen in JO43RV Pirats 5/5 QS	DO2JSA
28075.5	2009	05	14	0740	INTRUDER	RUSSIAN TAXI?	OH5BM
28201.5	2009	05	11	0754	INTRUDERS	fishing guoys 59	F5PSR
28209.9	2009	05	11	0754	INTRUDERS	fishing guoys 59+	F5PSR
28214.5	2009	05	24	0556	RUSSIAN TAXI		RA1OJ
28236.0	2009	05	11	0755	INTRUDERS	fishing guoys 59++ !	F5PSR
28284.0	2009	05	07	0845	INTRUDERS	SV speaking people	F5PSR
28285.0	2009	05	26	1429	CBROGERBEEP	Intruders speaking IT/SP	G7KLJ
28303.5	2009	05	20	1002	ITALIAN	PIRATE 11m italian stations AM	EA1GFP
28305.0	2009	05	15	1843	INTRUDER	cb italiens en fm	F4BYF
28305.0	2009	05	19	1350	PIRATE?	spanish stations in FM..	ON6VL
28380.0	2009	05	30	0444	TAXI	fm	UA4CDT
28390.0	2009	05	14	1801	INTRUDERS	AM from EA... and nothing else	F5PSR
28485.0	2009	05	31	1907	QSO	PIRATES	EA1AJV
28500.0	2009	05	18	1620	INTRUDER	in LSB...	ON5EN