



# INTERNATIONAL AMATEUR RADIO UNION

## REGION 3

### MONITORING SYSTEM REPORT



June, 2007

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The work of monitoring intrusions requires a whale of time, lots of patience and some skills too. The identification of the intruders, their modes of communications, characteristics and the country of their origin, etc. are the results of the above and the monitor's perseverance. You have read in the last month, about the skills of computing bearing information, to arrive at the apparent location of the transmitter of an interfering signal. These capabilities are acquired after the amateur digresses and sacrifices his time on the radio, from whether from DXing, contesting, rag chewing, or countless other activities.

These monitors/amateurs contribute their efforts and capabilities on an honorary basis *to the important work of the IARU Monitoring Service*. Their tips and feedback to the monthly reports of IARU Region 3, help thousands of active amateurs around the world, to achieve clearer, interference-free amateur radio bands. To clear the non-amateur interference on our hard earned amateur frequencies, it is very necessary that the officials of the various national societies, maintaining liaison with their administrations, *regularly read these reports and as much as possible take suitable action*. The efforts made, the results obtained or not obtained etc, when conveyed back to the IARU R3 HQ or to the Regional MS Coordinator, helps assure these dedicated individuals that their hard work is being recognized by the various societies, for a right cause.

Please encourage us with your tips/loggings of intrusions and "help us to help us all".

For some short recordings of some of the different modes encountered in the amateur bands please visit: [www.nzart.org.nz/nzart/ms/index.html](http://www.nzart.org.nz/nzart/ms/index.html)

This month's contributors:

ARSI: VU2DPD, VU2UR

JARL: JA2CNT, JA2WO, JI2GPM, JA0AD

HARTS: VR2BG

NZART: ZL1BYA

kHz	BW	YYYY	MM	DD	GMT	Time	Emm	Bd	Sft	Hdg	ADM	ID	Description	Grid	Society
3550		2007	06	21		<1403>	A1A				CHN	L9CC	L9CC CALLING CP17	MK82	ARSI
3560		2007	06	DY		<1400-2230>	A3E				KRE	VoKorea		OL72	HARTS
3560		2007	06	DY		0900-1200	A3E				KRE	Vof KOREA	B C STN FROM DPR KOREA		NZART
3700	400	2007	06	DY		0000-2400	PXX				CHN		varying times, center freq & bw	OL72	HARTS
7000		2007	06	DY		HX24	J3E/U-L				INS	UNID	INDONESIAN CB STNS.		NZART
7000		2007	06	17		<1215>	J3E/U				INS	UNID	NON HAM 2-WAY TRFC	NL42	ARSI
7000.6		2007	06	30		<0434>	J3E/U				CLN	UNID	SINHALA SPEAKING FISHING TRAWLERS	MK82	ARSI
7001		2007	06	25		<0235>	N0N				IND	AIR	THIRUVANANTHAPURAM'S SPURIOUS	MK82	ARSI
7002		2007	06	11		<1030>	J3E/U				NPL	UNID	NEPALI TRFC	NL42	ARSI
7005		2007	06	17		<1216>	J3E/U				INS	UNID	NON HAM 2-WAY TRFC	NL42	ARSI
7005.7		2007	06	10		<1459>	J3E/U				CLN	UNID	SINHALA SPEAKING FISHING TRAWLERS	MK82	ARSI
7007		2007	06	25		<0209>	J3E/U				CLN	UNID	SINHALA SPEAKING FISHING TRAWLERS	MK82	ARSI
7007		2007	06	27		<0207>	J3E/U				CLN	UNID	SINHALA SPEAKING FISHING TRAWLERS	MK82	ARSI
7008		2007	06	20		<0230>	J3E/U				CLN	UNID	SINHALA SPEAKING FISHING TRAWLERS	MK82	ARSI
7010		2007	07	07		<1215>	J3E/U				INS	UNID	TRFC IN INDONESIAN	NL42	ARSI
7010		2007	07	08		<1330>	J3E/U				INS	UNID	TRFC IN INDONESIAN	NL42	ARSI
7010		2007	06	11		<0710>	J3E/U				BGD	UNID	MIL TRFC IN BENGALI	NL42	ARSI
7010		2007	06	15		<0143>	J3E/U				CLN	UNID	SINHALA SPEAKING FISHING TRAWLERS	MK82	ARSI
7010		2007	06	25		<1025>	J3E/U				BGD	UNID	POLICE TRFC IN BENGALI.	NL42	ARSI
7010		2007	06	30		<0150>	J3E/U				CLN	UNID	SINHALA SPEAKING FISHING TRAWLERS	MK82	ARSI
7010.6		2007	06	19		<0146>	J3E/U				CLN	UNID	SINHALA SPEAKING FISHING TRAWLERS	MK82	ARSI
7011		2007	06	12		<0230>	J3E/U				BRM	UNID	MIL TRFC IN BURMESE	NL42	ARSI
7011		2007	06	21		<0204>	J3E/U				CLN	UNID	SINHALA SPEAKING FISHING TRAWLERS	MK82	ARSI
7011		2007	06	30		<0433>	J3E/U				CLN	UNID	SINHALA SPEAKING FISHING TRAWLERS	MK82	ARSI
7011.2		2007	06	24		<1201>	J3E/U				CLN	UNID	SINHALA SPEAKING FISHING TRAWLERS	MK82	ARSI
7014		2007	06	15		<0617>	J3E/U				IND	UNID	NON MIL TRFC, YL, GRP NETWORKING	NL42	ARSI
7016.5		2007	06	18		<1215>	J3EL				BRM	UNID	MIL TRFC IN BURMESE	NL42	ARSI
7017		2007	06	21		<1411>	J3E/U				CLN	UNID	SINHALA SPEAKING FISHING TRAWLERS	MK82	ARSI
7017.2		2007	06	22		<0300>	J3E/U				CLN	UNID	SINHALA SPEAKING FISHING TRAWLERS	MK82	ARSI
7020		2007	06	11		<0900>	J3E/U				IND	UNID	MIL TRFC IN HINDI	NL42	ARSI
7020		2007	06	22		<0200>	J3EL				BRM	UNID	MIL TRFC IN BURMESE	NL42	ARSI
7020		2007	06	30		<0338>	J3E/U				CLN	UNID	SINHALA SPEAKING FISHING TRAWLERS	MK82	ARSI
7020.1		2007	06	23		<0239>	J3E/U				CLN	UNID	SINHALA SPEAKING FISHING TRAWLERS	MK82	ARSI
7023		2007	07	08		<1339>	J3E/U				CLN	UNID	TRAWLER TRFC IN SINHALA	NL42	ARSI
7024.5		2007	06	27		<0450>	J3E/U				BRM	UNID	MIL TRFC IN BURMESE	NL42	ARSI
7025		2007	06	25		<0235>	N0N				IND	AIR	THIRUVANANTHAPURAM'S SPURIOUS	MK82	ARSI
7025		2007	06	25		<1000>	J3E/U				BRM	UNID	MIL TRFC IN BURMESE	NL42	ARSI
7026		2007	06	28		<0730>	J3E/U				IND	UNID	MIL TRFC HINDI AND ENGLISH.	NL42	ARSI
7026.6		2007	06	30		<1140>	J3EL				CLN	UNID	SINHALA SPEAKING FISHING TRAWLERS	MK82	ARSI
7033.3		2007	06	21		<1412>	J3E/U				CHN	UNID	CHINESE FISHING TRAWLER TRFC.	MK82	ARSI
7035		2007	06	22		<0204>	J3E/U				CLN	UNID	SINHALA SPEAKING FISHING TRAWLERS	MK82	ARSI
7036		2007	06	18		<1215>	F1B				UNID	UNID	ENCRYPTED, 50, 250Hz		NZART
7036		2007	06	26		<0118>	J3E/U				BRM	UNID	MIL TRFC IN BURMESE	NL42	ARSI
7037		2007	06	25		<1008>	J3E/U				IND	UNID	MIL TRFC WITH PASS WORDS	NL42	ARSI
7038.3		2007	06	11		<1630>	A1A				RUS	D,P	SINGLE LETTER RUSSIAN BEACONS.	MK82	ARSI
7038.5		2007	06	11		<1630>	A1A				RUS	C	SINGLE LETTER RUSSIAN BEACON.	MK82	ARSI

kHz	BW	YYYY	MM	DD	GMT	Time	Emm	Bd	Sft	Hdg	ADM	ID	Description	Grid	Society
7038.5		2007	06	11		<0730>	J3E/U				IND	CWC	CENTRAL WATER COMMSSN-RELAY STNS,	NL42	ARSI
7038.5		2007	06	18		<1215>	J3E/U				IND	CWC	MNI STNS GIVING RIVER LEVELS.	NL42	ARSI
7038.5		2007	06	22		<0230>	J3E/U				IND	CWC	MNI STNS GIVING RIVER LEVELS TO THE HQ STN.	NL42	ARSI
7038.5		2007	06	26		<0118>	J3E/U				IND	CWC	MNI STNS GIVING RIVER LEVELS TO THE HQ STN.	NL42	ARSI
7038.6		2007	06	04		<1656>	A1A				RUS	C,M	BEACOPNS;M-MAGADAN.	MK82	ARSI
7039		2007	06	DY		H24	A1A				RUS	M,P,C,D	BEACONS		NZART
7040		2007	06	25		<0237>	J3E/U				CLN	UNID	SINHALA SPEAKING FISHING TRAWLERS	MK82	ARSI
7045		2007	06	11		<0200>	J3EL				BRM	UNID	MIL TRFC IN BURMESE	NL42	ARSI
7045		2007	06	16		<1220>	J3EL				IND	BRAVO1	MIL TRFC WITH "BRAVO2"	NL42	ARSI
7045		2007	06	20		<0200>	J3EL				IND	ALPHA-1	MIL TRFC WITH "ALPHA-2"	NL42	ARSI
7045		2007	06	21		<1300>	J3EL				BRM	UNID	MIL TRFC IN BURMESE	NL42	ARSI
7047		2007	06	24		<0529>	J3E/U				CLN	UNID	SINHALA SPEAKING FISHING TRAWLERS	MK82	ARSI
7048		2007	06	22		<0200>	J3EL				IND	UNID	MIL TRFC IN HINDI	NL42	ARSI
7049		2007	06	25		<0235>	N0N				IND	AIR	THIRUVANANTHAPURAM'S SPURIOUS	MK82	ARSI
7050		2007	06	27		<0235>	N0N				IND	AIR	THIRUVANANTHAPURAM'S SPURIOUS	MK82	ARSI
7050	100	2007	06	DY		0000-2400	PXX				CHN		varying times, center freq & bw	OL72	HARTS
7050	60	2007	06	DY		1830-2130	PXX				CHN	UNID	OTHR		NZART
7051		2007	06	30		<0855>	N0N				IND	AIR	THIRUVANANTHAPURAM'S SPURIOUS	MK82	ARSI
7054		2007	06	9		1830-2100	F1B				RUS	UNID	REA4		NZART
7054		2007	06	10		1830-2100	F1B				RUS	UNID	REA4		NZART
7054		2007	06	11		1830-2100	F1B				RUS	UNID	REA4		NZART
7054		2007	06	12		1830-2100	F1B				RUS	UNID	REA4		NZART
7054		2007	06	13		1830-2100	F1B				RUS	UNID	REA4		NZART
7054		2007	06	14		1830-2100	F1B				RUS	UNID	REA4		NZART
7054		2007	06	15		1830-2100	F1B				RUS	UNID	REA4		NZART
7054		2007	06	16		1830-2100	F1B				RUS	UNID	REA4		NZART
7054		2007	06	19		<0334>	J3E/U				CLN	UNID	SINHALA SPEAKING FISHING TRAWLERS	MK82	ARSI
7054.1		2007	06	23		<0212>	J3E/U				CLN	UNID	SINHALA SPEAKING FISHING TRAWLERS	MK82	ARSI
7054.6		2007	06	20		<0316>	J3E/U				CLN	UNID	SINHALA SPEAKING FISHING TRAWLERS	MK82	ARSI
7055		2007	06	11		<0745>	J3EL				BRM	UNID	MIL TRFC IN BURMESE	NL42	ARSI
7055		2007	06	25		<1010>	J3EL				THA	UNID	TOURIST CO. WITH TOUR TRFC DATA	NL42	ARSI
7057		2007	06	22		<0205>	J3E/U				CLN	UNID	SINHALA SPEAKING FISHING TRAWLERS	MK82	ARSI
7060		2007	06	15		<0142>	J3E/U				CLN	UNID	SINHALA SPEAKING FISHING TRAWLERS	MK82	ARSI
7060.1		2007	06	23		<0243>	J3E/U				CLN	UNID	SINHALA SPEAKING FISHING TRAWLERS	MK82	ARSI
7060.5		2007	06	11		<0900>	J3E/U				NPL	UNID	MIL TRFC IN NEPALI	NL42	ARSI
7060.5		2007	06	12		<0230>	J3EL				BRM	UNID	MIL TRFC IN BURMESE	NL42	ARSI
7063		2007	06	03		<0143>	J3E/U				CLN	UNID	SINHALA SPEAKING FISHING TRAWLERS	MK82	ARSI
7063.3		2007	06	21		<1413>	A1A				CHN	L9CC	L9CC CALLING CP17	MK82	ARSI
7065.3		2007	06	22		<1635>	A1A				CHN	L9CC	L9CC CALLING CP17	MK82	ARSI
7070		2007	06	15		<0141>	J3E/U				CLN	UNID	SINHALA SPEAKING FISHING TRAWLERS	MK82	ARSI
7073.2		2007	06	21		<1402>	A1A				CHN	L9CC	L9CC CALLING CP17	MK82	ARSI
7076		2007	06	25		<1000>	J3E/U				BRM	UNID	MIL TRFC IN BURMESE	NL42	ARSI
7085		2007	06	11		<1003>	J3E/U				BRM	UNID	MIL TRFC IN BURMESE	NL42	ARSI
7085		2007	06	25		<1012>	J3EL				INS	UNID	TRFC IN INDONESIAN	NL42	ARSI
7085		2007	06	25		<1025>	J3EL				INS	UNID	YL-OM DISCUSS FAMILY MATTERS.	NL42	ARSI
7087.5		2007	06	25		<1000>	J3E/U				BRM	UNID	MIL TRFC IN BURMESE	NL42	ARSI

kHz	BW	YYYY	MM	DD	GMT	Time	Emm	Bd	Sft	Hdg	ADM	ID	Description	Grid	Society
7098		2007	06	11		<1005>	J3E/U				IND	UNID	NON MIL TRFC,YL,GRP NETWORKING	NL42	ARSI
7100		2007	06	1	18:00		A3E				KRE	R Pyongyang	FRN voice/music, +74 more reports		JARL
7100		2007	06	11		<1437>	A3E				ERI	VoBM	BACK HERE AFTER SOME DAYS ON 7090	MK82	ARSI
7100		2007	06	13		<1445>	A3E				ERI	VoBM	DOMESTIC BC FROM ERITREA.	MK82	ARSI
7087.3		2007	06	10		<1158-1207>	F1B				UNID	UNID	75,275Hz		NZART
7100		2007	06	DY		1900>	A3E				KRE	VoKorea	B C STN OF DPR-KOREA.		NZART
14000		2007	06	DY		HX24	J3E/U,L				INS	UNID	INDONESIAN CB STNS.		NZART
14008		2007	06	DY		0955>	F1B				RUS	UNID	RUSSIAN MARITIME		NZART
14020		2007	06	21		0950>	F7B				CHN	UNID	4f DATA BURST.		NZART
14028		2007	06	25		1020>	F1B				UNID	UNID	ENCRYPTED 250 Hz ?		NZART
14084		2007	06	07		0745>	F1B				UNID	UNID	ENCRYPTED, 500 Hz ?		NZART
14084		2007	06	21		0825>	F1B				UNID	UNID	ENCRYPTED ?		NZART
14087		2007	06	21		0910>	M7B				UNID	UNID	MULTI CH PHASE MOD.		NZART
14000		2007	06	19		<0401>	J3E/U				CLN	UNID	SINHALA SPEAKING FISHING TRAWLERS	MK82	ARSI
14000		2007	06	DY		0000-0350>	A3E				KRE	VoKorea		OL72	HARTS
14005		2007	06	27		<0253>	J3E/U				CLN	UNID	SINHALA SPEAKING FISHING TRAWLERS	MK82	ARSI
14011.5		2007	06	27		<1116>	J3E/U				CLN	UNID	SINHALA SPEAKING FISHING TRAWLERS	MK82	ARSI
14012		2007	06	10		<0226>	J3E/U				CLN	UNID	SINHALA SPEAKING FISHING TRAWLERS	MK82	ARSI
14012		2007	06	27		<0246>	J3E/U				CLN	UNID	SINHALA SPEAKING FISHING TRAWLERS	MK82	ARSI
14013		2007	06	DY		0000-0400>	J3E/U						Mandarin dialect CHN, first heard 2007-06-06	OL72	HARTS
14014		2007	06	20		<0346>	J3E/U				CLN	UNID	SINHALA SPEAKING FISHING TRAWLERS	MK82	ARSI
14015	5	2007	06	DY		0000-2400	XXX						unknown digital	OL72	HARTS
14020	30	2007	06	11		<1215>	PXX				UNID	UNID	STRONG SIGNAL	MK82	ARSI
14025		2007	06	20		<0231>	J3E/U				CLN	UNID	SINHALA SPEAKING FISHING TRAWLERS	MK82	ARSI
14030		2007	06	1	20:35		A3E						Other, +10 more reports		JARL
14030		2007	06	11		<0214>	J3E/U				CLN	UNID	SINHALA SPEAKING FISHING TRAWLERS	MK82	ARSI
14030		2007	06	20		<0234>	J3E/U				CLN	UNID	SINHALA SPEAKING FISHING TRAWLERS	MK82	ARSI
14035		2007	06	11		<0950>	J3E/U				CLN	UNID	SINHALA SPEAKING FISHING TRAWLERS	NL42	ARSI
14035	5	2007	06	DY		0000-2400	XXX						unknown digital	OL72	HARTS
14040		2007	06	20		<0252>	J3E/U				CLN	UNID	SINHALA SPEAKING FISHING TRAWLERS	MK82	ARSI
14045		2007	06	18		<0935>	J3E/U				CLN	UNID	SINHALA SPEAKING FISHING TRAWLERS	MK82	ARSI
14045		2007	06	20		<0337>	J3E/U				CLN	UNID	SINHALA SPEAKING FISHING TRAWLERS	MK82	ARSI
14052		2007	06	11		<0955>	J3E/U				MLA	UNID	FISHING TRAWLERS IN MALAY	NL42	ARSI
14065		2007	06	DY		2330-0030	A3E				USA	VoAmerica	Philippines relay	OL72	HARTS
14090		2007	06	1	20:36		A3E						Other, +10 more reports		JARL
14100		2007	06	DY		<2150-2300	A3E				USA	VoAmerica	Philippines relay	OL72	HARTS
14100		2007	06	DY		HX24	J3E/U,L				INS	UNID	INDONESIAN CB STNS.		NZART
14104		2007	06	15		0640-0810	F1B				UNID	UNID	ENCRPTED 250 Hz.?		NZART
14104		2007	06	16		0640-0810	F1B				UNID	UNID	ENCRPTED 250 Hz.?		NZART
14104		2007	06	17		0640-0810	F1B				UNID	UNID	ENCRPTED 250 Hz.?		NZART
14104		2007	06	18		0640-0810	F1B				UNID	UNID	ENCRPTED 250 Hz.?		NZART
14104		2007	06	19		0640-0810	F1B				UNID	UNID	ENCRPTED 250 Hz.?		NZART
14104		2007	06	20		0640-0810	F1B				UNID	UNID	ENCRPTED 250 Hz.?		NZART
14104		2007	06	21		0640-0810	F1B				UNID	UNID	ENCRPTED 250 Hz.?		NZART
14104		2007	06	22		0640-0810	F1B				UNID	UNID	ENCRPTED 250 Hz.?		NZART
14104		2007	06	23		0640-0810	F1B				UNID	UNID	ENCRPTED 250 Hz.?		NZART

kHz	BW	YYYY	MM	DD	GMT	Time	Emm	Bd	Sft	Hdg	ADM	ID	Description	Grid	Society
14104		2007	06	24		0640-0810	F1B		250		UNID	UNID	ENCRPTED 250 Hz.?		NZART
14104		2007	06	25		0640-0810	F1B		250		UNID	UNID	ENCRPTED 250 Hz.?		NZART
14104		2007	06	26		0640-0810	F1B		250		UNID	UNID	ENCRPTED 250 Hz.?		NZART
14104		2007	06	27		0640-0810	F1B		250		UNID	UNID	ENCRPTED 250 Hz.?		NZART
14104		2007	06	28		0640-0810	F1B		250		UNID	UNID	ENCRPTED 250 Hz.?		NZART
14104		2007	06	29		0640-0810	F1B		250		UNID	UNID	ENCRPTED 250 Hz.?		NZART
14104		2007	06	30		0640-0810	F1B		250		UNID	UNID	ENCRPTED 250 Hz.?		NZART
14110		2007	06	DY		HX24	J3E/U,L				INS	UNID	INDONESIAN CB STNS.		NZART
14118		2007	06	24		0800-0925	M7B				UNID	UNID	MULTI CH PHASE MOD.		NZART
14118		2007	06	25		0800-0925	M7B				UNID	UNID	MULTI CH PHASE MOD.		NZART
14118		2007	06	26		0800-0925	M7B				UNID	UNID	MULTI CH PHASE MOD.		NZART
14118		2007	06	27		0800-0925	M7B				UNID	UNID	MULTI CH PHASE MOD.		NZART
14118		2007	06	28		0800-0925	M7B				UNID	UNID	MULTI CH PHASE MOD.		NZART
14118		2007	06	29		0800-0925	M7B				UNID	UNID	MULTI CH PHASE MOD.		NZART
14120		2007	06	DY		0900>	F1B				UNID	UNID	ENCRYPTED 250Hz		NZART
14122		2007	06	04		0815>	M7B				UNID	UNID	MULTI CH PHASE MOD.		NZART
14143	5	2007	06	DY		0000-2400	XXX						unknown digital	OL72	HARTS
14151		2007	06	1	22:43		A3E						no modulation		JARL
14151.7		2007	06	19		<0346>	J3E/U				CLN	UNID	SINHALA SPEAKING FISHING TRAWLERS	MK82	ARSI
14151.7		2007	06	20		<0235>	J3E/U				CLN	UNID	SINHALA SPEAKING FISHING TRAWLERS	MK82	ARSI
14151.7		2007	06	30		<0728>	J3E/U				CLN	UNID	SINHALA SPEAKING FISHING TRAWLERS	MK82	ARSI
14152		2007	06	1	20:36		A3E						Other, +9 more reports		JARL
14171.3		2007	06	02		<0217>	J3E/U				CLN	UNID	SINHALA SPEAKING FISHING TRAWLERS	MK82	ARSI
14179.1		2007	06	06		<0318>	J3E/U				CLN	UNID	SINHALA SPEAKING FISHING TRAWLERS	MK82	ARSI
14183		2007	06	1	20:36		A3E						Other, +9 more reports		JARL
14184		2007	06	04		0710-0820	F1B		250		UNID	UNID	ENCRYPTED 250 Hz ?		NZART
14184		2007	06	05		0710-0820	F1B		250		UNID	UNID	ENCRYPTED 250 Hz ?		NZART
14184		2007	06	06		0710-0820	F1B		250		UNID	UNID	ENCRYPTED 250 Hz ?		NZART
14184		2007	06	07		0710-0820	F1B		250		UNID	UNID	ENCRYPTED 250 Hz ?		NZART
14184		2007	06	08		0710-0820	F1B		250		UNID	UNID	ENCRYPTED 250 Hz ?		NZART
14184		2007	06	09		0710-0820	F1B		250		UNID	UNID	ENCRYPTED 250 Hz ?		NZART
14184		2007	06	10		0710-0820	F1B		250		UNID	UNID	ENCRYPTED 250 Hz ?		NZART
14184		2007	06	11		0710-0820	F1B		250		UNID	UNID	ENCRYPTED 250 Hz ?		NZART
14184		2007	06	12		0710-0820	F1B		250		UNID	UNID	ENCRYPTED 250 Hz ?		NZART
14184		2007	06	13		0710-0820	F1B		250		UNID	UNID	ENCRYPTED 250 Hz ?		NZART
14184		2007	06	14		0710-0820	F1B		250		UNID	UNID	ENCRYPTED 250 Hz ?		NZART
14184		2007	06	15		0710-0820	F1B		250		UNID	UNID	ENCRYPTED 250 Hz ?		NZART
14184		2007	06	16		0710-0820	F1B		250		UNID	UNID	ENCRYPTED 250 Hz ?		NZART
14184		2007	06	17		0710-0820	F1B		250		UNID	UNID	ENCRYPTED 250 Hz ?		NZART
14184		2007	06	18		0710-0820	F1B		250		UNID	UNID	ENCRYPTED 250 Hz ?		NZART
14184		2007	06	19		0710-0820	F1B		250		UNID	UNID	ENCRYPTED 250 Hz ?		NZART
14184		2007	06	20		0710-0820	F1B		250		UNID	UNID	ENCRYPTED 250 Hz ?		NZART
14184		2007	06	21		0710-0820	F1B		250		UNID	UNID	ENCRYPTED 250 Hz ?		NZART
14184		2007	06	22		0710-0820	F1B		250		UNID	UNID	ENCRYPTED 250 Hz ?		NZART
14184		2007	06	23		0710-0820	F1B		250		UNID	UNID	ENCRYPTED 250 Hz ?		NZART
14184		2007	06	24		0710-0820	F1B		250		UNID	UNID	ENCRYPTED 250 Hz ?		NZART

kHz	BW	YYYY	MM	DD	GMT	Time	Emm	Bd	Sft	Hdg	ADM	ID	Description	Grid	Society
14184		2007	06	25		0710-0820	F1B		250		UNID	UNID	ENCRYPTED 250 Hz ?		NZART
14184		2007	06	26		0710-0820	F1B		250		UNID	UNID	ENCRYPTED 250 Hz ?		NZART
14184		2007	06	27		0710-0820	F1B		250		UNID	UNID	ENCRYPTED 250 Hz ?		NZART
14184		2007	06	28		0710-0820	F1B		250		UNID	UNID	ENCRYPTED 250 Hz ?		NZART
14195		2007	06	DY		<2150-2400	A3E				USA	VoAmerica	Philippines relay	OL72	HARTS
14202		2007	06	04		0830>	F1B				UNID	UNID	ENCRYPTED 250 Hz ?		NZART
14212		2007	06	1	22:44		A3E						no modulation		JARL
14214		2007	06	1	20:36		A3E						Other, +9 more reports		JARL
14215	5	2007	06	DY		0000-2400	XXX						unknown digital, first heard 2007-06-11	OL72	HARTS
14234		2007	06	06		2015>	M7B				UNID	UNID	MULTI CH PHASE MOD.		NZART
14234		2007	06	07		1000>	M7B				UNID	UNID	MULTI CH PHASE MOD.		NZART
14242		2007	06	29		0930-1900	M7B				UNID	UNID	MULTI CH PHASE MOD.		NZART
14250		2007	06	DY		<2150-0900>	A3E				KRE	VoKorea		OL72	HARTS
14250		2007	06	DY		0400-1045	A3E				KRE	Vof KOREA	BC FROM DPRK		NZART
14271		2007	06	1	22:45		A3E						no modulation		JARL
14274		2007	06	1	20:36		A3E						Other, +9 more reports		JARL
14280		2007	06	DY		0000-0350>	A3E				KRE	VoKorea		OL72	HARTS
14280		2007	06	DY		0700>	A3E				UNID	UNID	BC 2F OF 7140 KHz		NZART
14334		2007	06	1	20:36		A3E						Other, +10 more reports		JARL
18095		2007	06	14		2100>	J3E/U				UNID	UNID	SPANISH SPEAKING CBERS		NZART
18135		2007	06	21		<1417>	A3E				VOA	?	ENGLISH; 3X6045;	MK82	ARSI
18135		2007	06	22	12:00	1200-1300	A3E						CHN voice/music, +2 more reports		JARL
18152		2007	06	DY		0000-2400	A3E				CHN		spur from jamming Sound of Hope on 18180, started 2007-06-01?	OL72	HARTS
21015		2007	06	DY		0000-0350>	A3E				KRE	VoKorea		OL72	HARTS
21080		2007	06	DY		0000-0350>	A3E				KRE	VoKorea		OL72	HARTS
21250		2007	06	10		<1311>	j3EL				NPL	UNID	NEPALI TRFC TEL.Nos. GIVEN	MK82	ARSI
21420		2007	06	DY		0000-0350>	A3E				KRE	VoKorea		OL72	HARTS
21445		2007	06	DY		0000-0350>	A3E				KRE	VoKorea		OL72	HARTS
24910		2007	06	DY		0000-0350>	A3E				KRE	VoKorea		OL72	HARTS
24940	100	2007	06	DY		0100-1000	PXX			50	CHN		CODAR	OL72	HARTS
24950	100	2007	06	DY		H24	PXX				UNID	UNID	CODAR SEA STATE RADAR		NZART
28000		2007	06	DY		HX24	A3E/F3E				CHN	UNID	CB STNS EVERY 5 KHz.		NZART
28048		2007	06	24	11:53		F3E						CHN voice		JARL
28262.5		2007	06	24	11:57		F3E						CHN voice		JARL
28287		2007	06	24	12:00		F3E						CHN voice		JARL
28449		2007	06	24	12:12		F3E						CHN voice		JARL

<b>kHz</b>	<b>YYYY</b>	<b>MM</b>	<b>DD</b>	<b>GMT</b>	<b>Call</b>	<b>Comment</b>	<b>Spotter</b>
1821.0	2007	06	18	1903	DRAGON	ohhhhhhhh no no	JA3EMU
1829.0	2007	06	09	0234	USB	Italian intruders	S59A
1829.0	2007	06	09	0235	LSB	sorry LSB	S59A
3504.0	2007	06	02	1138	PUN	HC-based beacon lousy xmt filt	HP3XUG
3504.0	2007	06	03	0852	PUN	*BEACON-ONLY DX HEARD	W1NH
3504.0	2007	06	04	1124	PUN	S9, also 7008 S9 HC based lous	HP3XUG
3504.0	2007	06	05	1116	PUN	S9pls, 7008 S9 HC bcn	HP3XUG
3504.0	2007	06	07	1119	PUN	HC BEACON S9	HP3XUG
3504.0	2007	06	11	2340	PUN	HC BCN ALL TO 21.024 IN LOUD	HP3XUG
3504.0	2007	06	25	1135	PUN	HC bcn still on! S9 and no co	HP3XUG
3504.0	2007	06	30	1128	PUN	HC Illegal bcn S9!	HP3XUG
3505.0	2007	06	04	0902	BOATQRM	* NEW INTRUDER	W1NH
3515.0	2007	06	26	1242	BY7RADAR	to 3575, qrn louder for once!	VR2MX
3525.0	2007	06	22	0023	PIRAT	in usb.....	DL6FCK
3673.0	2007	06	12	2146	PIRATE	dutch coastguard?? usb	PA2RU
3799.0	2007	06	17	1130	JA7BXS	w/jamming	W6ANR
7000.0	2007	06	05	1158	CH1NA	20/9 OHR gift from PRC	W6UC
7000.0	2007	06	11	1004	CH1NA	tnx big radar to china	W6UC
7000.0	2007	06	12	1048	CH1NA	ohr from beijing government	W6UC
7000.1	2007	06	01	0938	BY7RADAR	to 7025 then weaker to 7050	VR2MX
7000.1	2007	06	01	1526	BY7RADAR	to 7070	VR2MX
7000.1	2007	06	03	1949	BY7RADAR	to 7060	VR2MX
7000.1	2007	06	04	2204	BY7RADAR	to 7080	VR2MX
7000.1	2007	06	05	2204	BY7RADAR	to 7080	VR2MX
7000.1	2007	06	06	0017	BY7RADAR	to 7080	VR2MX
7000.1	2007	06	06	1315	BY7RADAR	to 7100 peaking 60 over	VR2MX
7000.1	2007	06	06	2155	BY7RADAR	to 7040	VR2MX
7000.1	2007	06	06	2259	BY7RADAR	to 7040	VR2MX
7000.1	2007	06	11	2353	BY7RADAR	to 7100	VR2MX
7000.1	2007	06	12	0309	BY7RADAR	to 7060, weaker to 7100	VR2MX
7000.1	2007	06	12	1034	BY7RADAR	to 7080	VR2MX
7000.1	2007	06	12	1311	BY7RADAR	to 7025 just shift, starts 696	VR2MX
7000.1	2007	06	13	1115	BY7RADAR	to 7025, weaker to 7060 or so	VR2MX
7001.0	2007	06	01	0939	CH1NA	vr2mx radar heard hr also	W6UC
7003.0	2007	06	27	1216	BA1CK	radar fm P.R.C.	W6UC
7004.0	2007	06	29	1128	JH1TFE	nice band no radar!	W6UC
7005.0	2007	06	28	1206	BY1AGN	CHINA tnx great radar!!	W6UC
7005.0	2007	06	28	1247	BA9CK	who is invading CHINA????	W6UC
7006.0	2007	06	07	1212	W7?	indo pirates ssb Ray move up n	VK4VFX
7007.0	2007	06	12	1305	BY7RADAR	to 7070, peaking 40 over	VR2MX
7008.0	2007	06	02	1139	PUN	loud HC-based beacon	HP3XUG
7008.0	2007	06	07	1127	PUN	HC BCN S9	HP3XUG
7008.0	2007	06	25	1137	PUN	S9! voice loud, illegal HC OPS	HP3XUG
7008.0	2007	06	27	0143	PUN	Pista Las Penas-Ecuador intrud	HP1AC
7008.0	2007	06	30	1130	PUN	HC Illegal BCN S9, strng Sideb	HP3XUG
7011.0	2007	06	17	1039	BD3APX	cq aa nice sig in radar	W6UC
7020.0	2007	06	14	1943	3B7SP	Radar also on this freq (s9)	EI9JF
7070.0	2007	06	08	1433	WOODPEKA	radar up to 7100	VK4CWA
10140.0	2007	06	10	2020	RADAR		DG2TOM
14000.1	2007	06	05	2220	BYBCST	splatter from 13790 across ban	VR2MX
14013.0	2007	06	06	0405	BYINTRUDER	usb	VR2MX
14015.0	2007	06	07	2035	PUN	Ecuador intruder	HP1AC
14015.0	2007	06	07	2319	PUN	intruder from Ecuador	HP1AC
14015.0	2007	06	08	1937	PUN	ecuador intruder	HP1AC
14015.0	2007	06	10	1839	PUN	Pista Las Penas,Ecuador	HP1AC
14015.0	2007	06	10	2313	PUN	Pista Las Penas-ECUADOR	HP1AC
14015.0	2007	06	10	2342	PUN	Ecuador- Will they ever fix th	HP1AC
14015.0	2007	06	11	1707	PUN	HC-Land-will they everfixthis??	HP1AC
14015.0	2007	06	11	2112	PUN	will they ever fix this??Ecuad	HP1AC
14015.0	2007	06	13	1920	INTRUDERS	USB SSB	G0UKX
14015.0	2007	06	14	1504	PUN	will theyeverfixthis??Ecuador?	HP1AC
14015.0	2007	06	14	2327	PUN	Ecuador-willtheyeverfixthis??	HP1AC
14015.0	2007	06	15	2221	PUN	HC2- will they ever fix this??	HP1AC
14015.0	2007	06	16	1826	PUN	Will they ever fix this???	HP1AC
14015.0	2007	06	17	2342	PUN	Intruder-PistaLasPenas-HC2	HP1AC
14015.0	2007	06	18	1617	PUN	will they ever fix this?? Ecua	HP1AC
14015.0	2007	06	18	2117	PUN	intruder HC2 land	HP1AC
14015.0	2007	06	20	2030	PUN	Pista Las Penas-intruder	HP1AC

14015.0	2007	06	25	2144	PUN	Pista Las Penas- Ecuador	HP1AC
14015.0	2007	06	27	2131	PUN	Pista Las Penas-Ecuador	HP1AC
14015.0	2007	06	28	2323	PUN	Pista Las Penas-Ecuador	HP1AC
14038.0	2007	06	20	0720	INTRUDER		PA3DJY
14040.0	2007	06	16	0057	W6XYZ	14040 Radar QRM	UU2JQ
14065.0	2007	06	01	0001	KBCST/DU	voice of america	VR2MX
14065.0	2007	06	02	0020	KBCST/DU	voice of america	VR2MX
14065.0	2007	06	04	2345	KBCST/DU	voice of america now hr	VR2MX
14065.0	2007	06	21	2354	KBCST2/DU	voice of america	VR2MX
14065.0	2007	06	23	0015	KBCST/DU	voice of america	VR2MX
14100.0	2007	06	02	2231	KBCST/DU	voice of america	VR2MX
14100.0	2007	06	04	2200	KBCST/DU	voice of america s/on	VR2MX
14100.0	2007	06	04	2301	KBCST/DU	voice of america s/off	VR2MX
14100.0	2007	06	05	2204	KBCST2/DU	voice of america	VR2MX
14117.0	2007	06	29	0958	RADAR	WHAT IS THIS WEAK?RADAR?	F8ADI
14117.0	2007	06	29	1201	RADAR	WHAT IS THIS WEAK?PSE SAID ME	F8ADI
14117.0	2007	06	29	1411	WEAK	WHAT THIS WEAK?anyone-can-said	F8ADI
14125.0	2007	06	29	2019	AM	music broadcast	F5TMJ
14195.0	2007	06	01	2354	KBCST/DU	voice of america	VR2MX
14195.0	2007	06	02	2231	KBCST2/DU	voice of america	VR2MX
14195.0	2007	06	04	2200	KBCST2/DU	voice of america s/on	VR2MX
14195.0	2007	06	04	2345	KBCST2/DU	voice of america still hr, too	VR2MX
14195.0	2007	06	05	2204	KBCST/DU	voice of america	VR2MX
14195.0	2007	06	18	2316	KBCST/DU	voice of america	VR2MX
14195.0	2007	06	21	2354	KBCST/DU	voice of america	VR2MX
14218.0	2007	06	15	1608	PIRATES	Brazilian pirates (fishers) L	XE1SDK
14245.5	2007	06	09	0842	PIRATAS	Pescadores.piratas	EA8TL
18068.0	2007	06	29	0835	RADAR	s9	U5WF
18069.0	2007	06	01	0823	ZC4RADAR	to 18085, 20 over	VR2MX
18069.0	2007	06	01	0826	RADAR	pulse 9+10 in JO32	PA2RU
18075.0	2007	06	01	0815	RADAR	65uV wipeout 4w6 from zc4?	VK6RO
18080.7	2007	06	13	0648	PIRATE	Arabian USB	IV3SKB
18081.5	2007	06	12	1243	PIRATES	in USB	OH6PA
18083.0	2007	06	29	0910	RADAR	wide band 10 khz up and down..	IW2CXJ
18131.0	2007	06	03	2231	NOISE	Noise 20 over 9 18131 to 18161	W4HOZ
18131.0	2007	06	30	1311	ER3GS	hvy QRM, CHNS AM bcst on .135	JP1DJV
18135.0	2007	06	06	1241	BYBCST	10 over, no chance 9x hr	VR2MX
18135.0	2007	06	07	1410	PIRAT	AM station seems from BY 59+	UR8IDX
18152.0	2007	06	01	0009	BY7MUSIC	spur from 18180 jam bv pirate	VR2MX
18152.0	2007	06	06	2301	BY7MUSIC	spur from 18180	VR2MX
18152.0	2007	06	18	0146	BY7MUSIC	spur from jamming bv0pirate 18	VR2MX
18152.0	2007	06	19	0517	BY7MUSIC	spur from 18180 jammer	VR2MX
18152.0	2007	06	28	0112	BY7MUSIC	spur from 18180, jam bv0pirate	VR2MX
18152.0	2007	06	28	0650	BY7MUSIC	spur from 18180 jammer	VR2MX
21022.0	2007	06	19	0941	PIRATS	in USB !!!!	DJ1AA
21022.0	2007	06	19	0942	INTRUDER	Intruder USB Language ?	DJ1AA
21024.0	2007	06	09	2138	PUN	PistaLasPenas-intruder	HP1AC
24900.0	2007	06	30	1413	PIRATE	USB WD >( FV cambio ! ITALIA	DL2FDL
28135.0	2007	06	08	1606	PIRATES	AM speaking Portugese	PA2RU
28135.0	2007	06	26	1333	CB'ERS?		NZ9Z
28165.0	2007	06	05	1840	INTRUDER	in FM strong sig	SWL
28215.0	2007	06	05	1824	INTRUDER	in FM strong sig 59 OE6	SWL
28314.0	2007	06	03	1557	PIRATES		IV3JCC
28424.0	2007	06	02	1509	XX5XX	INTRUDERS TX shrimpers AM	AD5WB