



# INTERNATIONAL AMATEUR RADIO UNION

## REGION 3

### MONITORING SYSTEM REPORT



December, 2006

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Another year comes to a close and again the amateur service spectrum is infested with intruders of various sorts.

In addition to the “usual suspects”, 2006 saw the emergence of the following as probably the worst violators of ITU provisions with:

- Pirate broadcasts from Chinese Taipei (Taiwan) on 17 and 20m bands.
- Jamming of the 17 and 20m Chinese Taipei (Taiwan) pirate broadcasts from Guangdong and Hainan provinces.
- Frequent operation of OTHR on the 40m band from Hainan.
- Frequent operation of OTHR on the 80m band from Hainan.
- Expansion of Hainan OTHR to include 20 and 30m bands.
- Frequent operation of “jammer” covering 160m band.
- Numerous intermodulation distortion products from broadcast service stations on 12, 15, 17 and 20m bands.

The unidentified Sinhala speaking stations in the 40m band and elsewhere, continue their unabated occupancy of amateur service frequencies.

Far and away the greatest threat to the amateur service continues to due to the lack of suitable radiolocation service allocations above the 160m band. As a result, several administrations – specifically those of United Kingdom, Cyprus, People’s Republic of China, Ukraine and Iran – target their own amateurs and all amateurs world-wide with their long-range radar systems.

That the amateur service is seen as a “soft target” by administrations that otherwise have favourable attitudes towards the amateur service should enrage every single amateur, regardless of country-of-origin, nationality or citizenship.

On 160m it should be noted that in Region 3, the radiolocation service is **secondary** to amateur from 1800-2000 kHz. Only on 1800-1810 kHz in Region 1 and 1850-1900 kHz in Region 2 is radiolocation a primary service, so amateurs in Region 3 should **not** suffer **any** harmful interference from such radiolocation systems operating from within this Region.

In the coming year, it is hoped that the new format Region 3 report – with spotting information to show what other amateurs are hearing on the bands – will help improve the quantity and quality of our work. It is absolutely crucial that reports are accurate and that more information is included. The true spectral and temporal onslaught intruders are causing to the amateur service is not really reflected by the reports received and as a consequence, the situation is likely to continue to deteriorate in the absence of taking action appropriate for the circumstances.

There is a great danger to Monitoring System’s hard work from the Administrations who feign ignorance of intruders from their own country, and procrastinate in taking suitable measures to stop these intrusions. Thus, we are unable to show spectacular progress in getting the intrusions cleared.

This month’s contributors:

ARSI: VU2UR

JARL: JA2ANM, JA2CNT, JA2WO, JI2GPM, JA0AD

NZART: ZL1BYA

kHz	BW	YYYY	MM	DD	GMT	Time	Emm	Bd	Sft	Hdg	ADM	ID	Description	Grid	Society
3512		2006	12	08	13:11		XXX						noise		JARL
3545.6		2006	12	28		<2018>	A1A				CHN	L9CC	CALLING CP17	MK82	ARSI
3549.4		2006	12	26		<0025>	A1A				CHN	L9CC	CALLING CP17	MK82	ARSI
3556		2006	12	04	16:04		PXX				CHN				JARL
3560		2006	12	01	10:00		A3E				KRE	R Pyongyang	CHN,ENG,FRN,KOR voice/music, +133 more reports		JARL
3560		2006	12	DY		0900-2100	A3E				KRE	VoKOREA	B-C, PYONGYANG		NZART
3560	6	2006	12	28		<2020>	A3E				KRE	VoKorea	KOREAN B/C	MK82	ARSI
3890		2006	12	DY		1730-	A3E/XXX				UNID	UNID	B-C AND JAMMERS		NZART
7000		2006	12	12	08:51		J3E/L						TAG voice, +1 more reports		JARL
7000		2006	12	16		<1109>	J3E/U				CLN	UNID	SRI LANKAN FISHING TRAWLERS	MK82	ARSI
7000		2006	12	17		<0208>	J3E/U				CLN	UNID	SRI LANKAN FISHING TRAWLERS	MK82	ARSI
7000		2006	12	18		<0210>	J3E/U				CLN	UNID	SRI LANKAN FISHING TRAWLERS	MK82	ARSI
7000		2006	12	19		<0232>	J3E/U				CLN	UNID	SRI LANKAN FISHING TRAWLERS	MK82	ARSI
7000		2006	12	24		<1155>	J3E/U				CLN	UNID	SRI LANKAN FISHING TRAWLERS	MK82	ARSI
7000		2006	12	25		<0147>	J3E/U				CLN	UNID	SRI LANKAN FISHING TRAWLERS	MK82	ARSI
7000		2006	12	DY		<1230>	J3E/U				INS	UNID	EVERY 5 KHZ NON HAMS	MK82	ARSI
7000		2006	12	DY		HX24	J3EE/U/L				INS	UNID	INDONESIAN CB		NZART
7000.2		2006	12	07		<0237>	J3E/U				CLN	UNID	SRI LANKAN FISHING TRAWLERS	MK82	ARSI
7001.9		2006	12	05		<0242>	J3E/U				CLN	UNID	SRI LANKAN FISHING TRAWLERS	MK82	ARSI
7002		2006	12	12		<0240>	J3E/U				CLN	UNID	SRI LANKAN FISHING TRAWLERS	MK82	ARSI
7002.1		2006	12	19		<0237>	J3E/U				CLN	UNID	SRI LANKAN FISHING TRAWLERS	MK82	ARSI
7002.5		2006	12	25	04:12		J3E/L						Other		JARL
7007		2006	12	18		<0212>	J3E/U				CLN	UNID	SRI LANKAN FISHING TRAWLERS	MK82	ARSI
7010.1		2006	12	28		<0143>	J3E/U				CLN	UNID	SRI LANKAN FISHING TRAWLERS	MK82	ARSI
7010.8		2006	12	25		<0148>	J3E/U				CLN	UNID	SRI LANKAN FISHING TRAWLERS	MK82	ARSI
7011		2006	12	17		<0214>	J3E/U				CLN	UNID	SRI LANKAN FISHING TRAWLERS	MK82	ARSI
7011.1		2006	12	28		<0233>	J3E/U				CLN	UNID	SRI LANKAN FISHING TRAWLERS	MK82	ARSI
7011.2		2006	12	01		<0215>	J3E/U				CLN	UNID	SRI LANKAN FISHING TRAWLERS	MK82	ARSI
7017		2006	12	05		<0243>	J3E/U				CLN	UNID	SRI LANKAN FISHING TRAWLERS	MK82	ARSI
7017.2		2006	12	24		<1154>	J3E/U				CLN	UNID	SRI LANKAN FISHING TRAWLERS	MK82	ARSI
7018		2006	12	12		<0243>	J3E/U				CLN	UNID	SRI LANKAN FISHING TRAWLERS	MK82	ARSI
7018		2006	12	25	04:15		A1A						Other		JARL
7018		2006	12	DY		1725-2100	F1B				RUS	REA4	IDLE ONLY,ID IN F1A AT H+40 MIN.		NZART
7019		2006	12	22		<0215>	J3E/U				CLN	UNID	SRI LANKAN FISHING TRAWLERS	MK82	ARSI
7021		2006	12	22		<0214>	J3E/U				CLN	UNID	SRI LANKAN FISHING TRAWLERS	MK82	ARSI
7024.2		2006	12	07		<0114>	J3E/U				UNID	UNID	CHINESE FISHING TRAWLERS	MK82	ARSI
7025		2006	12	22		<0313>	J3E/U				CLN	UNID	SRI LANKAN FISHING TRAWLERS	MK82	ARSI
7025.1		2006	12	27		<0205>	J3E/U				CLN	UNID	SRI LANKAN FISHING TRAWLERS	MK82	ARSI
7025.7		2006	12	17		<0212>	J3E/U				CLN	UNID	SRI LANKAN FISHING TRAWLERS	MK82	ARSI
7030		2006	12	15		<0202>	J3E/U				CLN	UNID	SRI LANKAN FISHING TRAWLERS	MK82	ARSI
7030		2006	12	17		<0215>	J3E/U				CLN	UNID	SRI LANKAN FISHING TRAWLERS	MK82	ARSI
7030		2006	12	17	06:31		J3E/L						Other		JARL
7030.7		2006	12	18		<0222>	J3E/U				CLN	UNID	SRI LANKAN FISHING TRAWLERS	MK82	ARSI
7031.8	71.8	2006	12	06		1113-1152	PXX				UNID	UNID	6960 TO 7031.8 KHz,43 Hz PULSES		NZART
7034	82	2006	12	06		1030-1049	PXX				UNID	UNID	6853 TO 7035 KhZ,43 Hz PULSES		NZART
7035		2006	12	03	05:14		J3E/L						Other music		JARL

kHz	BW	YYYY	MM	DD	GMT	Time	Emm	Bd	Sft	Hdg	ADM	ID	Description	Grid	Society
7036		2006	12	20	14:08		PXX				CHN				JARL
7038		2006	12	15	14:08		PXX				CHN		+1 more report		JARL
7038.1		2006	12	DY		<0215>	A1A				RUS	D	BEACON	MK82	ARSI
7038.6		2006	12	07		<0118>	J3E/U				RUS	C	BEACON	MK82	ARSI
7039		2006	12	01	19:14		A1A				RUS	F,M	Beacons, +104 more reports		JARL
7039		2006	12	01	19:14		A1A				RUS	D	Beacon in UKR, +104 more reports		JARL
7039		2006	12	DY		H24	A1A				RUS	M,D,C,S,F,K	BEACONS		NZART
7040		2006	12	08	13:31		A1A				RUS	M	Beacon, +7 more reports		JARL
7042		2006	12	06	14:08		PXX				CHN		+1 more report		JARL
7042.4		2006	12	06		1152	PXX				UNID	UNID	8 CH, 24.2 Hz		NZART
7043		2006	12	03	13:40		J3E/L						Other music, +2 more reports		JARL
7044		2006	12	04	10:04		PXX								JARL
7044		2006	12	DY		1700-1915	F1B				UNID	UNID	IDLE ONLY, ID IN F1A AT H+40 MIN.		NZART
7045		2006	12	01	10:04		F1B						+66 more reports		JARL
7046		2006	12	03	20:08		F1B								JARL
7047.5		2006	12	29	05:30		J3E/L						Other		JARL
7048		2006	12	06	14:08		PXX				CHN				JARL
7050		2006	12	07		<0125>	J3E/U				CLN	UNID	SRI LANKAN FISHING TRAWLERS	MK82	ARSI
7050		2006	12	18		<0215>	J3E/U				CLN	UNID	SRI LANKAN FISHING TRAWLERS	MK82	ARSI
7050		2006	12	DY		0230>	N0N				IND	AIR-TV Puram	DOMESTIC B/C WITH 5 SPURS VARYING	MK82	ARSI
7050	60	2006	12	DY		1830-2130	PXX				UNID	UNID	OTHR, VARYING FREQ.		NZART
7057		2006	12	17		<0216>	J3E/U				CLN	UNID	SRI LANKAN FISHING TRAWLERS	MK82	ARSI
7057.5		2006	12	07		<0129>	J3E/U				CLN	UNID	SRI LANKAN FISHING TRAWLERS	MK82	ARSI
7058		2006	12	13	12:58		XXX						wide band noise		JARL
7060		2006	12	19		<0239>	J3E/U				CLN	UNID	SRI LANKAN FISHING TRAWLERS	MK82	ARSI
7060.3		2006	12	26		<0020>	A1A				CHN	L9CC	CALLING CP17	MK82	ARSI
7064	104	2006	12	06		1101-1106	PXX				UNID	UNID	6960 TO 7064 KHz, 43 Hz PULSES		NZART
7065		2006	12	05		<0248>	J3E/L				CLN	UNID	NON HAMS IN SINHALA	MK82	ARSI
7065		2006	12	27		<0238>	A3E				IND	AIR	AIR MUMBAI SPURIOUS	MK82	ARSI
7066.1		2006	12	28		<0145>	A1A				CHN	L9CC	CALLING CP17	MK82	ARSI
7075		2006	12	18		1715-	M7B				UNID	UNID	MULTI CH, PHASE MOD.		NZART
7080		2006	12	08	13:25		A1A						Dots, +1 more reports		JARL
7080.1		2006	12	15		<0200>	J3E/U				CLN	UNID	SRI LANKAN FISHING TRAWLERS	MK82	ARSI
7085		2006	12	08	13:07		XXX						wide band noise		JARL
7090	130	2006	12	05		1046-1230	PXX				UNID	UNID	6960 TO 7090 KHz, 43 Hz PULSES		NZART
7095		2006	12	31	16:06		PXX				CHN				JARL
7097		2006	12	20	14:06		PXX				CHN				JARL
7099		2006	12	03	14:06		PXX				CHN				JARL
7100		2006	12	01	19:10		A3E				KRE	R Pyongyang	ENG,FRN,KOR voice/music, +34 more reports		JARL
7100		2006	12	DY		1700-1900	A3E				UNID	UNID	BC		NZART
7100	6	2006	12	DY		1800>	A3E				KRE	VoKorea	KOREAN B/C SIGN -ON	MK82	ARSI
7100	6	2006	12	DY		<1435>	A3E				ERI	VoBM	DOMESTIC B/C	MK82	ARSI
7100	6	2006	12	DY		<1800	A3E				ERI	VoBM	DOMESTIC B/C SIGN-OFF	MK82	ARSI
7100	6	2006	12	DY		<2010>	A3E				KRE	VoKorea	KOREAN B/C	MK82	ARSI
7102.5	102	2006	12	06		1052-1059	PXX				UNID	UNID	7030 TO 7132 KHz		NZART
7160		2006	12	27		<2240>	A3E				CHN	UNID	HAINAN GONGS	MK82	ARSI

kHz	BW	YYYY	MM	DD	GMT	Time	Emm	Bd	Sft	Hdg	ADM	ID	Description	Grid	Society
7185		2006	12	17		<1302>	A3E				CHN	UNID	HAINAN GONGS	MK82	ARSI
7185		2006	12	24		<1200>	A3E				CHN	UNID	HAINAN GONGS	MK82	ARSI
10101.1		2006	12	01		<0218>	J3E/U				CLN	UNID	SRI LANKAN FISHING TRAWLERS	MK82	ARSI
10107.6		2006	12	15		<1233>	J3E/U				UNID	UNID	SE ASIAN TALKS	MK82	ARSI
14000		2006	12	25		<0146>	A1A				UNID	UNID	NUMBERS GIVEN	MK82	ARSI
14000		2006	12	DY		HX24	J3EE/U/L				INS	UNID	INDONESIAN CB		NZART
14006		2006	12	17	01:10		PXX								JARL
14010	24	2006	12	05		0205	PXX				UNID	UNID	13986 TO 14010 KHz,51 Hz PULSES		NZART
14017.1		2006	12	01		<0218>	J3E/U				UNID	UNID	SE ASIAN TALKS	MK82	ARSI
14030		2006	12	01	21:17		A3E						Other, +5 more reports		JARL
14057		2006	12	22	00:30		PXX								JARL
14078		2006	12	19	06:36		PXX								JARL
14090		2006	12	05	21:32		A3E						Other, +3 more reports		JARL
14100		2006	12	DY		HX24	J3EE/U/L				INS	UNID	INDONESIAN CB		NZART
14140		2006	12	19	06:32		PXX								JARL
14152		2006	12	01	21:17		A3E						Other, +1 more reports		JARL
14153		2006	12	05	21:33		A3E						Other, +3 more reports		JARL
14162		2006	12	20		0900-	M7B				UNID	UNID	16 CH, PHASE MOD.		NZART
14184		2006	12	01	21:17		A3E						Other, +1 more reports		JARL
14200		2006	12	19	06:30		PXX								JARL
14213		2006	12	05	21:34		A3E						Other, +3 more reports		JARL
14214		2006	12	01	21:17		A3E						Other, +1 more reports		JARL
14225		2006	12	23		1715-	F1B				UNID	UNID	250 Hz SHIFT, IDLE ONLY.		NZART
14226		2006	12	20		0900-	F7D				UNID	UNID	8X250 Hz CHANNELS.		NZART
14250		2006	12	DY		0400-0900	A3E				KRE	VoKOREA	BC PYONGYANG		NZART
14274		2006	12	01	21:17		A3E						Other, +1 more reports		JARL
14276		2006	12	05	21:35		A3E						Other		JARL
14280		2006	12	DY		0730	A3E				UNID	UNID	BC 2X7140 KHz		NZART
14334		2006	12	01	21:17		A3E						Other, +1 more reports		JARL
14335		2006	12	05	21:35		A3E						Other, +3 more reports		JARL
18121		2006	12	22	00:22		PXX				G				JARL
18147		2006	12	30	08:08		PXX				G				JARL
18153		2006	12	22	00:24		PXX				G				JARL
24950	100	2006	12	DY		H24	PXX				UNID	UNID	CODAR SEA STAE RADAR		NZART
28000		2006	12	DY		HX24	A3E/F3E				CHN	UNID	CHINESE CB EVERY 5 KHz.		NZART
28035		2006	12	16		<1051>	A3E				CHN	UNID	CHINESE TALK	MK82	ARSI
28055		2006	12	22		1820-2000	A1A				UNID	B	FISH NET BEACON		NZART
28070		2006	12	10		HX	A1A				UNID	B	FISH NET BEACON		NZART
28115		2006	12	16		<1052>	A3E				CHN	UNID	CHINESE TALK	MK82	ARSI
28150		2006	12	10		HX	A1A				UNID	S	FISH NET BEACON		NZART
28155		2006	12	07		HX	A1A				UNID	NA	FISH NET BEACON		NZART
28165		2006	12	13		HX	A1A				UNID	NA	FISH NET BEACON		NZART
28170		2006	12	07		HX	A1A				UNID	DC	FISH NET BEACON		NZART
28180		2006	12	07		HX	A1A				UNID	BE,DC	FISH NET BEACON		NZART
28180		2006	12	13		HX	A1A				UNID	BE,DC	FISH NET BEACON		NZART
28180		2006	12	22		1820-2000	A1A				UNID	BE,DC	FISH NET BEACON		NZART

kHz	BW	YYYY	MM	DD	GMT	Time	Emm	Bd	Sft	Hdg	ADM	ID	Description	Grid	Society
28185		2006	12	10		HX	A1A				UNID	CF	FISH NET BEACON		NZART
28190		2006	12	04		HX	A1A				UNID	B	FISH NET BEACON		NZART
28190		2006	12	07		HX	A1A				UNID	B	FISH NET BEACON		NZART
28190		2006	12	10		HX	A1A				UNID	B	FISH NET BEACON		NZART
28190		2006	12	11		HX	A1A				UNID	DC	FISH NET BEACON		NZART
28190		2006	12	22		1820-2000	A1A				UNID	D,DC	FISH NET BEACON		NZART
28195		2006	12	16		<1053>	A3E				CHN	UNID	CHINESE TALK	MK82	ARSI
28200		2006	12	22		1820-2000	A1A				UNID	DC	FISH NET BEACON		NZART
28220		2006	12	07		HX	A1A				UNID	DC	FISH NET BEACON		NZART
28230		2006	12	10		HX	A1A				UNID	DC	FISH NET BEACON		NZART
28235		2006	12	04		HX	A1A				UNID	CP	FISH NET BEACON		NZART
28235		2006	12	22		1820-2000	A1A				UNID	CP	FISH NET BEACON		NZART
28240		2006	12	10		HX	A1A				UNID	DC	FISH NET BEACON		NZART
28240		2006	12	22		1820-2000	A1A				UNID	DC,B	FISH NET BEACON		NZART
28265		2006	12	11		HX	A1A				UNID	BE,DC	FISH NET BEACON		NZART
28270		2006	12	07		HX	A1A				UNID	DC	FISH NET BEACON		NZART
28270		2006	12	11		HX	A1A				UNID	DC	FISH NET BEACON		NZART
28280		2006	12	07		HX	A1A				UNID	DC	FISH NET BEACON		NZART
28280		2006	12	11		HX	A1A				UNID	DC	FISH NET BEACON		NZART
28285		2006	12	04		HX	A1A				UNID	B	FISH NET BEACON		NZART
28295		2006	12	07		HX	A1A				UNID	CP	FISH NET BEACON		NZART
28300		2006	12	11		HX	A1A				UNID	DC	FISH NET BEACON		NZART
28300		2006	12	22		1820-2000	A1A				UNID	O	FISH NET BEACON		NZART
28305		2006	12	10		HX	A1A				UNID	CP	FISH NET BEACON		NZART
28305		2006	12	10		HX	A1A				UNID	G	FISH NET BEACON		NZART
28305		2006	12	22		1820-2000	A1A				UNID	V,I	FISH NET BEACON		NZART
28310		2006	12	03		HX	A1A				UNID	HH	FISH NET BEACON		NZART
28310		2006	12	08		HX	A1A				UNID	BX	FISH NET BEACON		NZART
28310		2006	12	08		HX	A1A				UNID	DC	FISH NET BEACON		NZART
28310		2006	12	10		HX	A1A				UNID	BX	FISH NET BEACON		NZART
28310		2006	12	11		HX	A1A				UNID	BX	FISH NET BEACON		NZART
28315		2006	12	03		HX	A1A				UNID	B	FISH NET BEACON		NZART
28315		2006	12	10		HX	A1A				UNID	B	FISH NET BEACON		NZART
28315		2006	12	11		HX	A1A				UNID	B	FISH NET BEACON		NZART
28316		2006	12	22		1820-2000	A1A				UNID	B	FISH NET BEACON		NZART
28320		2006	12	03		HX	A1A				UNID	BX	FISH NET BEACON		NZART
28320		2006	12	03		HX	A1A				UNID	NA	FISH NET BEACON		NZART
28320		2006	12	08		HX	A1A				UNID	BB	FISH NET BEACON		NZART
28320		2006	12	08		HX	A1A				UNID	DC	FISH NET BEACON		NZART
28320		2006	12	10		HX	A1A				UNID	BX	FISH NET BEACON		NZART
28320		2006	12	10		HX	A1A				UNID	DC	FISH NET BEACON		NZART
28320		2006	12	10		HX	A1A				UNID	NA	FISH NET BEACON		NZART
28320		2006	12	22		1820-2000	A1A				UNID	N,BV,DC	FISH NET BEACON		NZART
28325		2006	12	03		HX	A1A				UNID	CP	FISH NET BEACON		NZART
28325		2006	12	10		HX	A1A				UNID	CP	FISH NET BEACON		NZART
28330		2006	12	03		HX	A1A				UNID	BX	FISH NET BEACON		NZART

<b>kHz</b>	<b>BW</b>	<b>YYYY</b>	<b>MM</b>	<b>DD</b>	<b>GMT</b>	<b>Time</b>	<b>Emm</b>	<b>Bd</b>	<b>Sft</b>	<b>Hdg</b>	<b>ADM</b>	<b>ID</b>	<b>Description</b>	<b>Grid</b>	<b>Society</b>
28330		2006	12	08		HX	A1A				UNID	BX	FISH NET BEACON		NZART
28330		2006	12	10		HX	A1A				UNID	DC	FISH NET BEACON		NZART
28330		2006	12	22		1820-2000	A1A				UNID	BX	FISH NET BEACON		NZART
28340		2006	12	03		HX	A1A				UNID	MD	FISH NET BEACON		NZART
28340		2006	12	10		HX	A1A				UNID	BX	FISH NET BEACON		NZART
28345		2006	12	03		HX	A1A				UNID	CP	FISH NET BEACON		NZART
28345		2006	12	10		HX	A1A				UNID	CP	FISH NET BEACON		NZART
28345		2006	12	10		HX	A1A				UNID	NA	FISH NET BEACON		NZART
28350		2006	12	03		HX	A1A				UNID	G	FISH NET BEACON		NZART
28350		2006	12	10		HX	A1A				UNID	DC	FISH NET BEACON		NZART
28350		2006	12	11		HX	A1A				UNID	DC	FISH NET BEACON		NZART
28375		2006	12	12		HX	A1A				UNID	DC	FISH NET BEACON		NZART
28380		2006	12	04		HX	A1A				UNID	CP	FISH NET BEACON		NZART
28380		2006	12	07		HX	A1A				UNID	DC	FISH NET BEACON		NZART
28400		2006	12	12		HX	A1A				UNID	DC	FISH NET BEACON		NZART
28400		2006	12	22		1820-2000	A1A				UNID	DC	FISH NET BEACON		NZART
28425		2006	12	10		HX	A1A				UNID	CP	FISH NET BEACON		NZART
28435		2006	12	04		HX	A1A				UNID	CP	FISH NET BEACON		NZART
28435		2006	12	04		HX	A1A				UNID	CP	FISH NET BEACON		NZART
28435		2006	12	10		HX	A1A				UNID	B	FISH NET BEACON		NZART
28695		2006	12	16		<1055>	A3E				CHN	UNID	CHINESE TALK	MK82	ARSI
28765		2006	12	16		<1054>	A3E				CHN	UNID	CHINESE TALK	MK82	ARSI

kHz	YYYY	MM	DD	GMT	Call	Comment	Spotter
1812.6	2006	12	31	15:04	INTRUDER	LSB Russian Alo alo alo	HA0DU
1821.5	2006	12	11	09:56	W0FLS	No BY noise today	JA7NI
1822.0	2006	12	07	21:41	JAMMING	599+ ja	JA2PJC
1824.0	2006	12	10	07:11	JAMMER	ng ng	JA8CDT
1824.0	2006	12	11	01:50	INTRUDERS	USB	I1APQ
1827.1	2006	12	09	20:49	SM6CPY	BY radar bad today	VK6HD
3500.0	2006	12	04	19:47	INTRUDER	LSB, Greek? Albanian?	HA0DU
3500.0	2006	12	04	19:52	INTRUDER	speaking Greek	DJ5JH
3502.0	2006	12	04	19:57	INTRUDER	USB Turkish? getting worse...	HA0DU
3502.0	2006	12	09	15:05	AMPIRATES	SORRY - QRM HERE	UT7QF
3503.0	2006	12	09	09:42	KH8Q	on Jamming	JA0RUG
3506.4	2006	12	06	18:26	INTRUDER	Russians speaking abt antennas	HA0DU
3509.9	2006	12	18	19:34	INTRUDERS	usb blabla iran fishermen?	DL5CC
3535.0	2006	12	31	18:18	PIRATES	usb speak russian	PD0RF
3700.0	2006	12	13	12:06	RADAR	once again raises it ugggly he	W6UC
3789.0	2006	12	31	14:53	K7ZV	56 = radar	LA1MFA
3792.0	2006	12	29	19:01	JAMMER/CRAZY	Why ! go to sleep !!	ON7CL
3795.0	2006	12	17	12:36	JAMMER	2 JAMMER AT 3790-3798	JA8DNV
3795.0	2006	12	18	18:38	YC2MXV	cq but jamming noise	HL5FUA
3795.0	2006	12	30	11:19	RADAR	OTHR Strong here tonight :(	VK4KY
3800.0	2006	12	31	11:11	CH1NA	radar raging	W6UC
7000.0	2006	12	04	15:58	WC7N	Over the horizon radar	WB9AWX
7000.0	2006	12	06	22:45	OTHR	S9	SM0BRF
7000.0	2006	12	15	11:53	DRAGON	BY7 Radar 80m 40m STRONG	YB5AQB
7000.0	2006	12	18	11:30	JAMMER	6980 to 7080 9+20db	JA1GHH
7000.0	2006	12	18	14:01	N0RADAR	Radar QRN has stopped.	JA_SWL
7000.0	2006	12	20	14:50	OTH	cover all 40m band everyday	HL1VAU
7000.0	2006	12	28	21:55	BY7JAMMER	China loves jamming bands...	JH1GNU
7000.0	2006	12	31	10:37	BY7JAMMER	carries across the years	JH1GNU
7000.1	2006	12	01	01:45	BY7RADAR	to 7055 just start, cover weak	VR2MX
7000.1	2006	12	01	03:59	BY7RADAR	to 7055	VR2MX
7000.1	2006	12	01	07:55	BY7RADAR	to 7083	VR2MX
7000.1	2006	12	03	23:50	BY7RADAR	to 7059	VR2MX
7000.1	2006	12	06	10:29	BY7RADAR	to 7040	VR2MX
7000.1	2006	12	06	17:13	BY7RADAR	to 7025 or so	VR2MX
7000.1	2006	12	06	18:42	BY7RADAR	to 7050 s5, covers anything in	VR2MX
7000.1	2006	12	07	00:05	BY7RADAR	to 7022	VR2MX
7000.1	2006	12	07	11:04	BY7RADAR	to 7092	VR2MX
7000.1	2006	12	07	12:07	BY7RADAR	to 7094	VR2MX
7000.1	2006	12	07	22:44	BY7RADAR	to 7040	VR2MX
7000.1	2006	12	10	00:03	BY7RADAR	to 7063, fast pulse rate	VR2MX
7000.1	2006	12	13	10:29	BY7RADAR	to 7096	VR2MX
7000.1	2006	12	17	11:18	BY7RADAR	to 7070	VR2MX
7000.1	2006	12	17	11:56	BY7RADAR	to 7080	VR2MX
7000.1	2006	12	20	11:00	BY7RADAR	to 7070, fast pulses abv 7015	VR2MX
7000.1	2006	12	25	23:02	BY7RADAR	to 7048	VR2MX
7001.0	2006	12	03	23:17	BY7DIGI	rock solid as vu7 fades in sun	VR2MX
7001.0	2006	12	05	09:27	BL0ODY	RADAR almost non-stop last 2 d	9M6XRO
7001.0	2006	12	14	02:31	JAMMER	20db over s9 in chicago	W9RC
7001.0	2006	12	17	19:13	BY7DIGI	only sig hrd	VR2MX
7001.0	2006	12	25	01:03	BY7DIGI	hrd hr 24/7, must be close!	VR2MX
7001.0	2006	12	27	00:07	BY7DIGI	24/7, covers bottom 3 kc of ba	VR2MX
7001.3	2006	12	28	13:36	R1FJT	Military Radar ruining band	VK6DU
7002.0	2006	12	05	15:24	DJ6ZM	LP - well over the radar QRM	KI7VR
7002.0	2006	12	08	17:40	E21EIC/P	Heavy radar QRM	ZL2IFB
7002.0	2006	12	15	11:58	JA2NUT	CQ - over BY7 Dragon 579	YB5AQB
7002.8	2006	12	06	19:46	VU7LD	there? RADAR fn 10 over S9 hr	VK6DU
7002.9	2006	12	18	15:53	4Z5ML	under heavy radar QRN.	JA_SWL
7003.0	2006	12	29	11:25	T30XX	nil, RADAR QRM 10 over 9	VK6DU
7005.0	2006	12	06	17:29	BYRADAR	Chinese OTHR terrible	ZL3NB

7005.0	2006	12	19	14:27	A35TN	stronger than jamming	JH1LPZ
7005.5	2006	12	05	14:23	VU7LD	vy weak es BYjamming	JA10DX
7006.1	2006	12	31	07:01	HA8RM	CQn LP in BY7Jamming	JH1GNU
7006.6	2006	12	01	13:47	HS0ZBS	Now Radar	WB6L
7007.0	2006	12	06	20:44	C91VB/4	up2 w/jammer	JA8BMK
7007.5	2006	12	12	12:01	VK3XU	QSX 7053.0 due to Radar QRM	UA3AGW
7008.0	2006	12	03	14:51	TA3D	radar not helpful :(	N7CW
7008.0	2006	12	04	14:21	RADAR	great headache maker	VK6DU
7008.0	2006	12	05	12:37	KH8/JA7GAX	RADAR S9 Solid, so difficult	VK6DU
7008.0	2006	12	10	07:56	ZL1KMN	under jamming bearyl workable	JJ1BDX
7008.1	2006	12	01	14:24	HS0ZBS	Kurt intermittant radar	WB6L
7009.2	2006	12	04	14:59	VU7/VU2NXM	under the radar	AA6NP
7010.0	2006	12	07	16:54	0THR	RADAR now 24/7 destroying 40m	9M6XRO
7011.0	2006	12	31	14:44	LX6T	radar here	VK6DU
7011.3	2006	12	07	15:34	6K5VRQ	Sri call Park in radar QRM	K6OYY
7013.0	2006	12	22	19:24	EO15FF	5/5 radar now!	VK4VFX
7014.0	2006	12	01	19:06	PIRATES	USB	G3VKW
7018.0	2006	12	08	16:03	REA4	Russian Airforce - Intruder F1	G3WW
7025.4	2006	12	24	21:25	PIRATES	USB in Portuguese	PS7JN
7031.9	2006	12	11	22:10	PIRATE	in USB	DH3RD
7034.6	2006	12	28	17:06	PIRATE	Arab in LSB	EA3EJI
7040.0	2006	12	07	12:52	BY7RADAR	clobbering 40M SSB	NT5C
7050.0	2006	12	10	02:43	BI4N	under 30 over by7radar hr	VR2MX
7050.0	2006	12	15	20:43	PIRATES	mm usb	IZ6BXV
7053.0	2006	12	06	20:34	5N8NDP	tnx Paulo w/jammer	JA8BMK
7060.0	2006	12	05	10:04	RADAR	RADAR 9=10 across band!!!!	ZL2FT
7060.0	2006	12	10	03:54	PIRATES	brazilian truckers in qrg. sry	PY2BRZ
7070.0	2006	12	25	17:08	CB	intruders..with OM call-sign..	I1APQ
7074.0	2006	12	21	08:43	ZL2MAT	OTHR hr frm 72 to 75 Mat	SM0BRF
10100.1	2006	12	01	00:01	BY0BCST	in mandarin, s/off top of hour	VR2MX
10102.0	2006	12	17	19:21	BY7RADAR	to 10150	VR2MX
10105.0	2006	12	27	08:16	INTRUDER		DL8OBF
10107.0	2006	12	01	00:19	BY7RADAR	to 10150	VR2MX
10115.0	2006	12	01	00:05	BCST	korean? tx music b4 like p5bcs	VR2MX
10115.0	2006	12	01	00:37	P5BCST	confirmed as North Korea	VR2MX
10115.0	2006	12	05	03:21	P5BCST	2*9730-9345=QRM	BV7II
10115.0	2006	12	05	03:29	P5BCST	not vy strong hr	VR2MX
14000.1	2006	12	03	01:06	BY0BCST	make S8 noise hr, S5 by 14350	VR2MX
14000.1	2006	12	03	02:05	BY7BCST	qrn s5, s3 14350, shantou spur	VR2MX
14000.1	2006	12	03	23:09	BY7BCST	qrn s1, no spurs, lovely but c	VR2MX
14000.1	2006	12	05	03:14	ZC4RADAR	to 14011, fast pulse rate	VR2MX
14000.1	2006	12	07	02:11	RADAR	to 14028 fm nw, fast pulse, zc	VR2MX
14001.5	2006	12	07	15:27	PIRATS	SSB pirats on cw band.	LA3MHA
14001.5	2006	12	07	15:28	P5IRATS	PIRATS on cw band	LA3MHA
14002.0	2006	12	03	01:12	BY7DIGI	sri, typo	VR2MX
14002.0	2006	12	03	23:08	BY7DIGI	2f of 7001 dig cxr, 24/7 fm no	VR2MX
14002.0	2006	12	05	19:03	BY7DIGI	2f 7001, 3am local/flare, only	VR2MX
14002.0	2006	12	07	00:07	BY7DIGI	2f of 7001	VR2MX
14002.0	2006	12	07	22:47	BY7DIGI	2f of 7001, only sig on band h	VR2MX
14002.0	2006	12	25	01:02	BY7DIGI	2f of 7001	VR2MX
14002.0	2006	12	27	00:07	BY7DIGI	2f of 7001	VR2MX
14010.0	2006	12	31	01:33	BY7BCST	and 020, 050	VR2MX
14014.5	2006	12	09	10:47	PIRATES	spanish SSB	PD0RF
14015.0	2006	12	07	00:10	BY0BCST	also 14040 050 087 and 125, ch	VR2MX
14020.0	2006	12	31	00:49	BY7BCST	also 040 050 087	VR2MX
14050.0	2006	12	03	01:19	BY7BCST	shantou spur tx fairly clean t	VR2MX
14050.0	2006	12	04	00:15	BY7BCST	shantou spurs on band	VR2MX
14084.1	2006	12	10	08:50	PIRAT	RTTY Mode ??? Speed 150 bd ore	DL4PY
14087.0	2006	12	04	00:18	BCST	fm ne, music, no id hrd yet	VR2MX
14087.0	2006	12	10	00:10	BY0BCST	and 14010	VR2MX
14087.0	2006	12	27	00:10	BY7BCST	plus shantou spurs everywhere!	VR2MX



14170.0	2006	12	25	01:01	BY7BCST	shantou spurs across band, too	VR2MX
14199.0	2006	12	04	03:46	VU7LD/VU2SWS	qrm fm BY7BCST shantou spurs	VR2MX
14204.5	2006	12	05	09:24	BV	BV pirate	SWL
14207.0	2006	12	05	09:37	BV0PIRATE	BV pirate	SWL
14250.0	2006	12	04	00:19	BCST	another hr, also fm ne	VR2MX
14250.0	2006	12	25	02:45	BY7BCST	and shantou spurs everywhere!	VR2MX
14250.0	2006	12	27	00:21	P5BCST	wait for ID, sounds like VoKor	VR2MX
14250.0	2006	12	31	00:53	P5BCST		VR2MX
14257.6	2006	12	25	07:35	INTRUDER	RTTY 599=40	HA3NU
14280.0	2006	12	31	01:41	P5BCST	and 250	VR2MX
18069.9	2006	12	02	07:21	INTRUDER	SSB arabian	HA0DU
18070.0	2006	12	20	09:11	P1RAT	PIRATs in SSB ?arabic?	DK0AE
18116.0	2006	12	21	13:28	RADAR	- 18143 up to 9+20dB QRM N-DL	DK0AE
18129.5	2006	12	21	13:24	NOISE	wide bande pulse noise =/- 10	IW2CXJ
18130.0	2006	12	21	13:27	NOISE	Same here 9+20 ;(((	ON7CL
18130.0	2006	12	21	13:29	NOISE	wiping out the whole band 59+6	F5VKU
18130.0	2006	12	21	13:36	NOISE	Radar switch off.....	IW2CXJ
21003.0	2006	12	03	01:11	BY7DIGI	3f of 7001, 24/7 hr due north	VR2MX
21003.0	2006	12	03	23:11	BY7DIGI	3f of 7001, only sig, not even	VR2MX
21003.0	2006	12	05	19:04	BY7DIGI	3f 7001, gnd wave	VR2MX
21003.0	2006	12	07	00:07	BY7DIGI	3f of 7001	VR2MX
21003.0	2006	12	07	22:48	BY7DIGI	3f of 7001	VR2MX
21003.0	2006	12	25	01:04	BY7DIGI	3f of 7001	VR2MX
21003.0	2006	12	27	00:08	BY7DIGI	3f of 7001, only sig hrd hr	VR2MX
21013.3	2006	12	06	10:25	PIRAT	asian INTRUDERS USB phone trns	IK5DNF
21109.0	2006	12	06	06:40	ZC4RADAR	to 21141, s9 on dp hr	VR2MX
21188.0	2006	12	23	12:19	RADAR	9plus 60 from east	DJ8OG
21190.0	2006	12	23	12:20	RADAR	Strong here also	LX1AX
21190.0	2006	12	23	12:22	RADAR	VY STRONG NR PARIS	F6CER
21233.0	2006	12	03	11:05	BY0PIRATE	LSB	ZS1Y
21302.0	2006	12	29	10:28	BY0PIRATE?	sounds like fishing trawler	ZS1Y
21420.0	2006	12	03	01:38	P5BCST	also 21445, 21085, 21015	VR2MX
21420.0	2006	12	08	01:00	P5BCST	also 445/015/085 v of korea ju	VR2MX
21420.0	2006	12	10	00:06	P5BCST	v of kor, in korean, also 2101	VR2MX
21445.0	2006	12	10	00:05	P5BCST	v of kor, spanish, also 21080	VR2MX
28005.0	2006	12	10	01:10	BCST	carrier nw gone, likely by7 im	VR2MX
28005.0	2006	12	10	02:42	BY0BCST	nw bk, usual dir, just below 9	VR2MX
28461.0	2006	12	09	05:42	RADAR	S9+40 !!!	5B4AFB
28465.0	2006	12	09	05:45	RADAR	radar peaking at BY 59 plus 30	VK4CQ
28495.0	2006	12	08	08:48	VU7LD	now only RADAR QRM	DL0EB