



INTERNATIONAL AMATEUR RADIO UNION

REGION THREE

MONITORING SYSTEM REPORT



January 2011

Peter Young VK3MV

Reports for November have been received from ARSI, NZART, and WIA.

This month there were 410 observations made.

NZART reports a CW pirate using the callsign of ZL9BS. This pirate operation is usually on 40 and 30 meters in the early mornings (ZL Time).

One of the OHRSAR systems is now operating just below 40 meters with occasional spread into the CW portion of 40 meters.

For those who would like a CSV file of data please email me at: vk3mv@wia.org.au

Thank you to all the regional observers for their reports, your reports are really appreciated. Keep them coming.

Peter – VK3MV

kHz	BW	YYYY	MM	DD	GMT	UTC	Emm	Bd	Sft	Hdg	ADM	ID	Description	Grid	Society	Notes
1811.7		2011	1		29	830	A1A					2AFOP	DRIFTNET BEACON	QG52xi	WIA	
6975	100	2011	1		1	1025	P0N					UNID	SPILLS INTO AMATEUR BAND	QG52xi	WIA	
7000		2011	1		15	<1650>	J3E/L				?	Unid	Non-amateur net	RF72LQ	NZART	ZL1BAD
7000		2011	1		16	<1715>	J3E/L				?	Unid	Non-amateur net	RF72LQ	NZART	ZL1BAD
7000		2011	1	DY		HX24	J3E/L				?	Unid	Non-amateur groups - many languages	RF72LQ	NZART	ZL1BAD
7000	10	2011	1	DY		<1700>	P0N				CHN	Unid	Out of Band OTHR with spill over to 7010 - Most days	RF72LQ	NZART	ZL1BAD
7001.3		2011	1		11	<1515>	A1A				NZL	ZL9BS	Suspected CW Pirate normally works on 40m, 30m in early hours	QF22IT	NZART	VK3HJ
7004		2011	1		3	<0231-0235>	J3E/U				CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
7005		2011	1		2	<0150-0155>	J3E/U				CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
7005	3	2011	1		5	1010	J3E/L				INS	UNID	DAILY, VILLAGE RADIO	QG52xi	WIA	
7008		2011	1		4	<0210-0220>	J3E/U				CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	

7008		2011	1	29	<0140-0145>	J3E/U	CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
7008		2011	1	6	<0650>	0650- 0710 F1B	?	Unid	RTTY Commercial station	RN70KQ	NZART	ZL2AUJ
7010		2011	1	29	<0140-0145>	J3E/U	CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
7010	3	2011	1	5	1010	J3E/L	INS	UNID	DAILY, VILLAGE RADIO	QG52xi	WIA	
7010		2011	1	14	<1400>	1400 A1A	NZL	ZL9BS	Bounty Island, OP Stan QSL via NZART - Pirate worked by VK3HJ S9 Audio Sample available	QF22IT	NZART	VK3HJ
7011		2011	1	9	<0145-0155>	J3E/U	CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
7011.5		2011	1	31	<0300-0310>	J3E/U	CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
7012		2011	1	8	<0145-0155>	J3E/U	CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
7015	30	2011	1	8	<1715>	1715- 1800 P0N	?	Unid	3.5 PPS OTHR	RF72LQ	NZART	ZL1BAD

7016.3		2011	1		26	<0315-0330>	J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
7017		2011	1		2	<0145-0150>	J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
7017		2011	1		9	<0145-0155>	J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
7017		2011	1		29	<0135-0140>	J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
7018		2011	1	DY		<1600>	F1B		RUS	Unid	Idling sigs only	RF72LQ	NZART	ZL1BAD
7018.5	1	2011	1		24	2125	F1B			UNID		QG52xi	WIA	
7018.7		2011	1		26	<0205-0215>	J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
7020	3	2011	1		5	915	J3E/L		INS	UNID	DAILY, VILLAGE RADIO	QG52xi	WIA	
7025		2011	1		2	<0145-0150>	J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	

7025		2011	1	2	<0450-0500>	J3E/U	CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI
7025		2011	1	8	<0350-0355>	J3E/L	CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI
7025		2011	1	29	<0135-0140>	J3E/U	CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI
7025	3	2011	1	5	1010	J3E/L	INS	UNID	DAILY, VILLAGE RADIO	QG52xi	WIA
7027	1	2011	1	26	1845	F1B		UNID	IDLING, LIKE 7018.5	QG52xi	WIA
7028	6	2011	1	26	1830	A3E		UNID	SW BROADCAST, (NEW ONE)	QG52xi	WIA
7029.2		2011	1	31	<0300-0310>	J3E/U	CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI
7029.5		2011	1	29	<0140-0145>	J3E/U	CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI
7030		2011	1	5	<0210-0220>	J3E/U	CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI

7030	3	2011	1	20	945	J3E/L	INS	UNID	DAILY, VILLAGE RADIO	QG52xi	WIA		
7038.7		2011	1	3	945	A1A	RU	M	HARBOUR BEACON	QG52xi	WIA		
7038.9		2011	1	3	945	A1A	RU	S	HARBOUR BEACON	QG52xi	WIA		
7039		2011	1	3	945	A1A	RU	K	HARBOUR BEACON	QG52xi	WIA		
7039		2011	1	24	1955	A1A	RU	C	HARBOUR BEACON	QG52xi	WIA		
7039		2011	1	DY	H24	H24	A1A	RUS	C	Moscow - Beacon C - RIW	RF72LQ	NZART	ZL1BAD
7039		2011	1	DY	H24	H24	A1A	RUS	A	Astrakhan (No call sign)	RF72LQ	NZART	ZL1BAD
7039		2011	1	DY	H24	H24	A1A	RUS	F	Vladivostok - Beacon F - RJS	RF72LQ	NZART	ZL1BAD
7039		2011	1	DY	H24	H24	A1A	RUS	P	Kaliningrad - Beacon P - RMP	RF72LQ	NZART	ZL1BAD
7039.2		2011	1	26	<0205-0215>		A1A	RUS	"C"	SINGLE LETTER BEACON "C"	MK82	ARSI	
7039.2		2011	1	30	<2140-2150>		A1A	RUS	"A", "C"	SINGLE LETTER BEACONS "A", "C"	MK82	ARSI	
7039.2		2011	1	3	945	A1A	RU	F	HARBOUR BEACON	QG52xi	WIA		
7039.3		2011	1	DY	H24	H24	A1A	RUS	K	Petropavlovsk - Beacon K - RCC	RF72LQ	NZART	ZL1BAD
7039.4		2011	1	DY	H24	H24	A1A	RUS	M	Magadan - Beacon M - RTS	RF72LQ	NZART	ZL1BAD
7039.9		2011	1	DY	H24	H24	A1A	RUS	S	Severomorsk - Beacon S - RIT	RF72LQ	NZART	ZL1BAD
7040		2011	1	2	<0450-0500>		J3E/U	CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
7044		2011	1	DY	<1130>	1130-2015	A1B	?	Unid	Encrypted groups	RF72LQ	NZART	ZL1BAD
7060	60	2011	1	6	740	P0N		UNID	OTHR, CONTINUOUS	QG52xi	WIA		

7065.5	27	2011	1	6	<0733>	733	P0N	330	?	Unid	OTHSAR S8 stereo OTHR - sounds like a tractor	RF73MF	NZART	ZL1GWE
7066	8	2011	1	7	355		P0N			UNID		QG52xi	WIA	
7069		2011	1	30	<1800>	1800-1905	N0N		?	Unid	Strong un-mod carrier	RF72LQ	NZART	ZL1BAD
7071		2011	1	2	<0525-0530>		J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
7075	50	2011	1	28	845		P0N			UNID		QG52xi	WIA	
7085	30	2011	1	8	<1805>	1805	P0N		?	Unid	3.5 PPS OTHR	RF72LQ	NZART	ZL1BAD
7086.5		2011	1	26	<0205-0215>		J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
7094.9		2011	1	12	<0320-0325>		J3E/L		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
7100	6	2011	1	4	<0220-0227		A3E		PAK	UNID	URDU SONGS; FM STN RELAY; RJ WAS YL; SIGNED OFF 0227	MK82	ARSI	
7100	6	2011	1	5	<0145-0220>		A3E		PAK	UNID	TIME SIG. AT 0200 ID AS R. PAKISTAN- WITH URDU NEWS BULLETIN	MK82	ARSI	
7100	6	2011	1	21	<1450-1455>		A3E		PAK	UNID	ARABIC PRAYER RECITAL; MALE AND FEMALE ANNOUNCERS	MK82	ARSI	
7100	6	2011	1	29	<0135-0145>		A3E		PAK	UNID	ARABIC PRAYER RECITAL; MALE	MK82	ARSI	

7100		2011	1	08+	<1715>	1715-1805	A3E	?	Unid	B-C Stn. Not heard after 19th	RF72LQ	NZART	ZL1BAD
7101		2011	1		29	<0135-0140>	J3E/U	CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
7115	6	2011	1		26	1830	A3E		UNID	SW BROADCAST	QG52xi	WIA	
7116		2011	1		9	<0145-0155>	J3E/U	CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
7117.4		2011	1		5	1025	A1A		UNID	NUMBER CIPHER	QG52xi	WIA	
7120	2	2011	1		12	<0325-0335>	A3E	UNID	UNID	SPURIOUS MODULATION PRODUCT; POOR SIGNAL	MK82	ARSI	
7120		2011	1	Dy		<1630>	A3E	?	Unid	B-C strn	RF72LQ	NZART	ZL1BAD
7125	3	2011	1		3	<0310-0320>	J3E/U	CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
7148.3		2011	1		26	1845	N0N		UNID		QG52xi	WIA	
7160	3	2011	1		3	<0310-0320>	A3E	IND	CHENNAI	AIR CHENNAI SPURIOUS INTERMODULATION PRODUCT	MK82	ARSI	
7160	3	2011	1		12	<0325-0335>	A3E	IND	CHENNAI	AIR CHENNAI SPURIOUS INTERMODULATION PRODUCT	MK82	ARSI	
7165	3	2011	1		12	<0330-0335>	A3E	UNID	UNID	EAST AFRICAN BROADCASTER	MK82	ARSI	
7165		2011	1	DY		<1630>	A3E	?	Unid	B-C Same station on 7185	RF72LQ	NZART	ZL1BAD
7165		2011	1		8	<0600>	A3E	?	Unid	B-C strn.	RF72LQ	NZART	ZL1BAD
7170	6	2011	1		26	1830	A3E		UNID	SW BROADCAST	QG52xi	WIA	

7175	3	2011	1		12	<0330-0335>		A3E		UNID	UNID	EAST AFRICAN BROADCASTER	MK82	ARSI	
7175		2011	1	DY		<1815>	1815- 2001	A3E		?	Unid	Closes at 2001	RF72LQ	NZART	ZL1BAD
7175		2011	1		8	<0600>	600	A3E		?	Unid	B-C Stn.	RF72LQ	NZART	ZL1BAD
7179	1	2011	1		28	840		F1B	200		UNID		QG52xi	WIA	
7185	8	2011	1		7	350		P0N			UNID	CONTINUOUS, PROBABLY SW JAMMER	QG52xi	WIA	
7185		2011	1	DY		<1630>	1630- 1730	A3E		?	Unid	B-C stn. Same program as on 7165	RF72LQ	NZART	ZL1BAD
7185		2011	1		8	<0605>	605	A3E		?	Unid	B-C Stn.	RF72LQ	NZART	ZL1BAD
7190	8	2011	1		2	<0145-0150>		A3E		CLN	SLBC	SLBC BROADCAST IN HINDI. EXTERNAL SERVICE	MK82	ARSI	
7190	8	2011	1		6	<0145-0155>		A3E		CLN	SLBC	SLBC BROADCAST IN HINDI. EXTERNAL SERVICE	MK82	ARSI	
7190	8	2011	1		9	<0145-0155>		A3E		CLN	SLBC	SLBC BROADCAST IN HINDI. EXTERNAL SERVICE	MK82	ARSI	
7190	8	2011	1		26	<0205-0215>		A3E		CLN	SLBC	SLBC BROADCAST IN HINDI. EXTERNAL SERVICE	MK82	ARSI	
7190	8	2011	1		29	<0135-0145>		A3E		CLN	SLBC	SLBC BROADCAST IN HINDI. EXTERNAL SERVICE	MK82	ARSI	
7195	6	2011	1		26	1830		A3E			UNID	SW BROADCAST	QG52xi	WIA	
7195		2011	1		9	<0600>	600	A3E		?	Unid	B-C Stn.	RF72LQ	NZART	ZL1BAD
7200	3	2011	1		12	<0330-0335>		A3E		UNID	UNID	WEAK UNIDENTIFIED BROADCASTER, PRESUMABLY EAST AFRICAN	MK82	ARSI	
7200	6	2011	1		26	1830		A3E		IRN	UNID	SW BROADCAST	QG52xi	WIA	

10138	19	2011	1	22	<0643>	0643-0716	P0N	330	?	Unid	OTHR 50 PPS S8 wiping out a proportion of 30 metres	RF73MF	NZART	ZL1GWE
14000	3	2011	1	2	<08:10--08:31		J3E/U	315	CLN	UNID	2 males	OF84wx	WIA	
14000	3	2011	1	5	08:32--08:50		J3E/U	315	CLN	UNID	Group of males	OF84wx	WIA	
14000	3	2011	1	6	07:40--08:05		J3E/U	315	CLN	UNID	2 males	OF84wx	WIA	
14000	3	2011	1	7	<23:40--00:00		J3E/U	315	CLN	UNID	Group of males	OF84wx	WIA	
14000	3	2011	1	8	23:00--00:10		J3E/U	315	CLN	UNID	2 males	OF84wx	WIA	
14000	3	2011	1	9	22:49--00:05		J3E/U	315	CLN	UNID	Group of males	OF84wx	WIA	
14000	3	2011	1	11	08:30--08:50		J3E/U	315	CLN	UNID	Group of males	OF84wx	WIA	
14000	3	2011	1	11	22:17--22:30		J3E/U	315	CLN	UNID	2 males	OF84wx	WIA	
14000	3	2011	1	13	23:30--23:48		J3E/U	315	CLN	UNID	2 males	OF84wx	WIA	
14000	3	2011	1	14	08:42--08:55		J3E/U	315	CLN	UNID	2 males	OF84wx	WIA	
14000	3	2011	1	16	<23:30--00:00		J3E/U	315	CLN	UNID	Group of males	OF84wx	WIA	
14000	3	2011	1	18	23:35--23:55		J3E/U	315	CLN	UNID	2 males	OF84wx	WIA	
14000	3	2011	1	19	08:25--08:28		J3E/U	315	CLN	UNID	1 male calling, no reply	OF84wx	WIA	
14000	3	2011	1	19	23:48--00:00		J3E/U	315	CLN	UNID	2 males	OF84wx	WIA	
14000	3	2011	1	22	23:08--23:11		J3E/U	315	CLN	UNID	1 male calling, no reply	OF84wx	WIA	
14000	3	2011	1	23	22:35--00:06		J3E/U	315	CLN	UNID	2 males	OF84wx	WIA	
14000	3	2011	1	25	22:52--23:11		J3E/U	315	CLN	UNID	2 males	OF84wx	WIA	
14000	3	2011	1	25	23:50--00:17		J3E/U	315	CLN	UNID	Group of males	OF84wx	WIA	
14000	3	2011	1	27	00:08--00:13		J3E/U	315	CLN	UNID	2 males	OF84wx	WIA	
14000	3	2011	1	27	23:02--23:57		J3E/U	315	CLN	UNID	2 males	OF84wx	WIA	
14000	3	2011	1	28	<22:35--23:04		J3E/U	315	CLN	UNID	2 separate groups , no qrm to each other	OF84wx	WIA	
14000	3	2011	1	28	23:35--23:58		J3E/U	315	CLN	UNID	2 males	OF84wx	WIA	
14000.1	3	2011	1	1	0835-1010		J3E/U			UNID	DAILY, ASIAN, SOUNDS CHINESE	QG52xi	WIA	
14000.5	3	2011	1	3	0920-1005		J3E/U			UNID	DAILY	QG52xi	WIA	
14000.5	2	2011	1	11	935		F1B			UNID	UNUSUAL DATA MODE - SELCAL?	QG52xi	WIA	
14000.5	3	2011	1	2	<22:37--23:00		J3E/U	315	CLN	UNID	2 males	OF84wx	WIA	
14000.5	3	2011	1	3	08:08--08:45		J3E/U	315	CLN	UNID	Group of males, on- off.	OF84wx	WIA	
14000.5	3	2011	1	3	<22:30--00:00		J3E/U	315	CLN	UNID	2 males	OF84wx	WIA	
14000.5	3	2011	1	4	08:05--09:02		J3E/U	315	CLN	UNID	Group of males	OF84wx	WIA	
14000.6	3	2011	1	1	23:25--23:45		J3E/U	315	CLN	UNID	2 males	OF84wx	WIA	
14000.6	3	2011	1	8	08:30--08:53>		J3E/U	315	CLN	UNID	2 males	OF84wx	WIA	

14000.6	3	2011	1	9	08:05--08:42	J3E/U	315	CLN	UNID	2 males	OF84wx	WIA
14000.6	3	2011	1	9	23:10--23:20	J3E/U	315	CLN	UNID	2 males	OF84wx	WIA
14000.7	3	2011	1	7	<23:40--00:00	J3E/U	315	CLN	UNID	2 males	OF84wx	WIA
14001.3	3	2011	1	29	23:47--00:08	J3E/U	315	CLN	UNID	2 males	OF84wx	WIA
14001.5	3	2011	1	13	08:20--08:28	J3E/U	315	CLN	UNID	2 males	OF84wx	WIA
14002	3	2011	1	14	22:51--23:26	J3E/U	315	CLN	UNID	2 males	OF84wx	WIA
14005	3	2011	1	28	<23:03--23:22	J3E/U	315	CLN	UNID	2 males	OF84wx	WIA
SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY –												
14014		2011	1	26	<0501-0515>	J3E/U		CLN	UNID	2 OM	MK82	ARSI
14014	3	2011	1	21	940	J3E/U			UNID	HINDI?	QG52xi	WIA
14016.7	3	2011	1	12	23:10--00:00	J3E/U	315	CLN	UNID	Group of males	OF84wx	WIA
CHINESE SPEAKING; FISHING TRAWLERS- 0M-0M												
14017.2		2011	1	15	<0220-0225>	J3E/U		CHN	UNID		MK82	ARSI
CHINESE SPEAKING; FISHING TRAWLERS- 0M-0M												
14017.2		2011	1	16	<0940-0945>	J3E/U		CHN	UNID		MK82	ARSI
14017.3	3	2011	1	27	1005	J3E/U			UNID	ASIAN	QG52xi	WIA
14017.3	3	2011	1	1	<08:04--08:54	J3E/U	315	CLN	UNID	2 males	OF84wx	WIA
14020	3	2011	1	1	955	J3E/U			UNID	ASIAN	QG52xi	WIA
14020	20	2011	1	4	920	P0N			UNID	SHORT BURSTS	QG52xi	WIA
14025	3	2011	1	2	<23:40--23:55	J3E/U	315	CLN	UNID	2 males	OF84wx	WIA
14025	3	2011	1	3	<23:00--00:00	J3E/U	315	CLN	UNID	2 males	OF84wx	WIA
14025	3	2011	1	4	<23:10--00:25	J3E/U	315	CLN	UNID	2 males	OF84wx	WIA
14025	3	2011	1	5	23:05--00:10>	J3E/U	315	CLN	UNID	2 males	OF84wx	WIA
14025	3	2011	1	6	<23:45--00:15>	J3E/U	315	CLN	UNID	Group of males	OF84wx	WIA
14025	3	2011	1	7	23:00--00:00	J3E/U	315	CLN	UNID	2 males	OF84wx	WIA
14025	3	2011	1	10	<23:30--23:50	J3E/U	315	CLN	UNID	2 males	OF84wx	WIA
14026.5	3	2011	1	21	945	J3E/U			UNID	ASIAN	QG52xi	WIA

14031		2011	1	12	<0515-0525>	J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI
14031	3	2011	1	7	23:10--00:00	J3E/U	315	CLN	UNID	2 males	OF84wx	WIA
14031.6	3	2011	1	13	08:34--08:45	J3E/L	315	CLN	UNID	2 males work from boats	OF84wx	WIA
14033.5	3	2011	1	21	950	J3E/L			UNID	ASIAN, NOT CHINESE	QG52xi	WIA
14034	5	2011	1	28	635	G7D			UNID	8 PSK'S ON 300 HZ CENTRES	QG52xi	WIA
14039	3	2011	1	10	<23:30--23:55	J3E/U	315	CLN	UNID	2 males	OF84wx	WIA
14039	3	2011	1	11	<08:40--08:50	J3E/U	315	CLN	UNID	2 males	OF84wx	WIA
14039.1	3	2011	1	1	'0825	J3E/U			UNID	DAILY, ASIAN	QG52xi	WIA
14039.4	3	2011	1	5	1245	J3E/U			UNID	ASIAN	QG52xi	WIA
14040	20	2011	1	21	940	P0N			UNID	SHORT BURSTS	QG52xi	WIA
14040.6	3	2011	1	6	<08:12--08:40	J3E/U	315	CLN	UNID	2 males	OF84wx	WIA
14040.7	3	2011	1	7	10	J3E/U			UNID	ASIAN	QG52xi	WIA
14040.7	3	2011	1	9	<08:05--08:20	J3E/U	315	CLN	UNID	2 males	OF84wx	WIA
14041.6	3	2011	1	2	955	J3E/U			UNID	ASIAN	QG52xi	WIA
14042.1	3	2011	1	1	815	J3E/U			UNID	ASIAN	QG52xi	WIA
14042.7	3	2011	1	2	955	J3E/U			UNID	DAILY, ASIAN	QG52xi	WIA
14043	3	2011	1	20	1045	J3E/U			UNID	ASIAN	QG52xi	WIA
14043	3	2011	1	19	08:46--09:05	J3E/U	315	CLN	UNID	2 males	OF84wx	WIA
14043.6	3	2011	1	7	<07:40--07:58	J3E/U	315	CLN	UNID	2 males	OF84wx	WIA
14044	2	2011	1	1	950	G7D			UNID		QG52xi	WIA
14044.3	3	2011	1	14	2300	J3E/L			UNID	ASIAN, NOT CHINESE	QG52xi	WIA
14045	3	2011	1	3	0845- 1000	J3E/U		CHN	UNID	DAILY, FAMILY NET	QG52xi	WIA
14045	3	2011	1	11	08:44--09:15	J3E/U	315	CLN	UNID	Group of males	OF84wx	WIA
14045	3	2011	1	14	08:46--09:00	J3E/U	315	CLN	UNID	2 males	OF84wx	WIA
14045	3	2011	1	19	08:45--08:59	J3E/U	315	CLN	UNID	Male-female	OF84wx	WIA
14045	3	2011	1	23	<07:30--07:58 0000-	J3E/U	315	CLN	UNID	2 males	OF84wx	WIA
14045.6	3	2011	1	2	'0945	J3E/U			UNID	DAILY, ASIAN	QG52xi	WIA
14046	3	2011	1	27	<09:00--09:05	J3E/L	315	CLN	UNID	2 males	OF84wx	WIA
14046.2	3	2011	1	7	910	J3E/L			UNID	DAILY, ASIAN, FISHBOAT, ENGINE NOISE	QG52xi	WIA
14046.2	3	2011	1	23	08:05--08:15	J3E/U	315	CLN	UNID	Male-female	OF84wx	WIA

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14048	3	2011	1	4	0215-0600	J3E/U	PHL	UNID	DAILY, POSITIVELY IDENTIFIED AS TAGALOG - PROBABLY LUZON PROVINCE	QG52xi	WIA
14050	20	2011	1	1	950	P0N		UNID	SHORT BURSTS, CAME ON IN TANDEM WITH N0N, 14050	QG52xi	WIA
14050	3	2011	1	5	130	J3E/U		UNID	DAILY, ASIAN, SOUNDS CHINESE	QG52xi	WIA
14050	20	2011	1	9	850	P0N		UNID	SHORT BURSTS	QG52xi	WIA
14050	3	2011	1	17	<23:00--23:10	J3E/U	360	INS	Group of males	OF84wx	WIA
14050	3	2011	1	18	22:35--23:00	J3E/U	315	CLN	Group of males	OF84wx	WIA
14050.7	3	2011	1	7	145	J3E/L		UNID	ASIAN	QG52xi	WIA
14054	3	2011	1	24	<23:40--23:50	J3E/U	315	CLN	2 males	OF84wx	WIA
14054.2	3	2011	1	23	925	J3E/U		UNID	ASIAN	QG52xi	WIA
14055	3	2011	1	20	1045	J3E/U		UNID	DAILY, ASIAN	QG52xi	WIA
14055	3	2011	1	18	<09:45--09:53	J3E/U	315	CLN	2 males	OF84wx	WIA
14055.6	3	2011	1	2	1000	J3E/U		UNID	ASIAN	QG52xi	WIA
14056.3	3	2011	1	3	0900-1000	J3E/U		UNID	DAILY, ASIAN	QG52xi	WIA
14060	3	2011	1	16	1025	J3E/L		UNID	ASIAN	QG52xi	WIA
14060	3	2011	1	24	<23:10--23:20	J3E/U	315	CLN	Group of males	OF84wx	WIA
14065		2011	1	26	<0501-0515>	J3E/U		UNID	RADIO CHECKS WITH "ALPHA 3" "YOU ARE STILL BROKEN OFF"	MK82	ARSI
14065.2	3	2011	1	5	805	J3E/U		UNID	MALE; MAY BE USA ASIAN	QG52xi	WIA
14066	4	2011	1	30	1025	G7D		UNID	5 PSK'S ON 200 HZ CENTRES	QG52xi	WIA
14066.6	3	2011	1	1	930	J3E/U		UNID	ASIAN	QG52xi	WIA
14067.3	3	2011	1	1	900	J3E/U		UNID	ASIAN	QG52xi	WIA
14067.6	3	2011	1	29	23:45--00:22	J3E/L	315	CLN	2 males	OF84wx	WIA
14068	3	2011	1	1	920	J3E/U		UNID	DAILY, ASIAN	QG52xi	WIA
14085.7	3	2011	1	24	<22:50--22:52	J3E/U	360	INS	2 males	OF84wx	WIA
14091.8	3	2011	1	23	920	J3E/U		UNID	ASIAN, SOUNDS CHINESE	QG52xi	WIA
14092	3	2011	1	1	<08:16--08:42	J3E/U	315	CLN	2 males	OF84wx	WIA

14096.6	3	2011	1	2	955	J3E/U			UNID	ASIAN, SOUNDS CHINESE	QG52xi	WIA	
14098.5	3	2011	1	1	850	J3E/U			UNID	DAILY, ASIAN, SOUNDS CHINESE	QG52xi	WIA	
14100	20	2011	1	27	1000	P0N			UNID	OTHR, SHORT BURSTS	QG52xi	WIA	
14100.6	3	2011	1	20	1040	J3E/U			UNID	HINDI?	QG52xi	WIA	
14101	3	2011	1	24	<08:20--08:40	J3E/L	360	INS	UNID	2 males	OF84wx	WIA	
14101.2	3	2011	1	23	<22:40--23:05	J3E/L	360	INS	UNID	2 males	OF84wx	WIA	
14102	3	2011	1	24	<23:11--23:58	J3E/U	360	INS	UNID	2 males	OF84wx	WIA	
14105	3	2011	1	25	<07:45--08:03	J3E/U	360		UNID	1 female talking, receive on different frequency	OF84wx	WIA	
14106.2	3	2011	1	25	07:45--08:25	J3E/U	360		UNID	Male-female. Chinese	OF84wx	WIA	
14106.2	3	2011	1	26	08:35--09:00	J3E/U	360		UNID	2 males 1 female	OF84wx	WIA	
14122.7	3	2011	1	20	1055	J3E/U			UNID	ASIAN, FAMILY NET	QG52xi	WIA	
14152.3	3	2011	1	1	<22:55--23:19	J3E/U	315	CLN	UNID	2 males	OF84wx	WIA	
14177.6	3	2011	1	27	1005	J3E/U			UNID	ASIAN, FAMILY NET	QG52xi	WIA	
14185	3	2011	1	7	35	J3E/U			UNID	ASIAN	QG52xi	WIA	
14192	14	2011	1	23	<0504>	P0N	330	?	Unid	OTHR 50 PPS S9 4 second bursts and 60 seconds between bursts	RF73MF	NZART	ZL1GWE
14195		2011	1	22	<0432	P0N	330	?	Unid	OTHR 83 PPS 3 second bursts S9	RF73MF	NZART	ZL1GWE
14214.5	13	2011	1	8	<0350>	P0N	300	?	Unid	OTHR S8 47 PPS 17 second gaps and 5 second bursts	RF73MF	NZART	ZL1GWE
14215	15	2011	1	8	440	P0N			UNID	OTHR, SHORT BURSTS	QG52xi	WIA	
14235.6	3	2011	1	1	1010	J3E/U			UNID	ASIAN	QG52xi	WIA	
14250.1	6	2011	1	7	30	A3E		KRE	UNID	DAILY, SW BROADCAST	QG52xi	WIA	
14253.8	3	2011	1	20	1050	J3E/L			UNID	ASIAN	QG52xi	WIA	
14277.7	3	2011	1	1	00:20--00:21	J3E/U	360	INS	UNID	2 males no messages yet	OF84wx	WIA	VK6XW

14277.7	3	2011	1	2	00:33--00:46	J3E/U	360	INS	UNID	2 males pass coded messages, (weather info)	OF84wx	WIA
14277.7	3	2011	1	3	02:00--02:01	J3E/U	360	INS	UNID	Male-female , no messages yet	OF84wx	WIA
14277.7	4	2011	1	4	00:59--01:05	J3E/U	360	INS	UNID	Male-female pass coded messages, (weather info)	OF84wx	WIA
14277.7	3	2011	1	4	01:25--01:27	J3E/U	360	INS	UNID	2 males pass coded messages, (weather info)	OF84wx	WIA
14277.7	3	2011	1	4	01:50--02:00	J3E/U	360	INS	UNID	2 males pass coded messages, (weather info)	OF84wx	WIA
14277.7	3	2011	1	5	00:20--00:28	J3E/U	360	INS	UNID	2 males 1 female pass coded messages (weather info)	OF84wx	WIA
14277.7	3	2011	1	5	01:48--01:50	J3E/U	360	INS	UNID	2 males pass coded messages (weather info)	OF84wx	WIA
14277.7	3	2011	1	5	02:15--02:20	J3E/U	360	INS	UNID	2 males pass coded messages (weather info)	OF84wx	WIA
14277.7	3	2011	1	6	00:50--00:52	J3E/U	360	INS	UNID	2 males no messages yet	OF84wx	WIA
14277.7	3	2011	1	6	01:01--01:09	J3E/U	360	INS	UNID	2 males pass coded messages (weather info)	OF84wx	WIA
14277.7	3	2011	1	6	01:12--01:13	J3E/U	360	INS	UNID	Male-female, no messages passed	OF84wx	WIA
14277.7	3	2011	1	7	00:45--00:46	J3E/U	360	INS	UNID	1 male calling, no reply	OF84wx	WIA
14277.7	3	2011	1	7	01:21--01:26	J3E/U	360	INS	UNID	Male-female pass coded messages (weather info)	OF84wx	WIA
14277.7	3	2011	1	7	01:50--02:04	J3E/U	360	INS	UNID	1 female -group of males, pass coded messages(weater info)	OF84wx	WIA

14277.7	3	2011	1	8	01:10--01:25	J3E/U	360	INS	UNID	2 male pass coded messages, (weather info)	OF84wx	WIA
14277.7	3	2011	1	8	01:50--01:52	J3E/U	360	INS	UNID	2 males pass messages	OF84wx	WIA
14277.7	5	2011	1	9	01:12--01:13	J3E/U	360	INS	UNID	1 male calling, no reply	OF84wx	WIA
14277.7	3	2011	1	9	01:22--01:33	J3E/U	360	INS	UNID	Group of males pass coded messages (weather info)	OF84wx	WIA
14277.7	3	2011	1	10	01:10--01:15	J3E/U	360	INS	UNID	2 males pass coded messages, (weather info)	Of84wx	WIA
14277.7	3	2011	1	10	01:45--02:09	J3E/U	360	INS	UNID	2 males 12 female pass coded messages,(weather info)	OF84wx	WIA
14277.7	3	2011	1	11	00:15--00:22	J3E/U	360	INS	UNID	2 males 1 female pass coded messages,(weather info)	OF84wx	WIA
14277.7	3	2011	1	12	00:07--00:11	J3E/U	360	INS	UNID	2 males pass coded messages, (weather info)	OF84wx	WIA
14277.7	3	2011	1	12	00:22--00:26	J3E/U	360	INS	UNID	2 males pass coded messages (weather info)	OF84wx	WIA
14277.7	3	2011	1	12	00:54--00:59	J3E/U	360	INS	UNID	Male-female pass coded messages, (weather info)	OF84wx	WIA
14277.7	3	2011	1	13	00:12--00:13	J3E/U	360	INS	UNID	2 males calling , no reply	OF84wx	WIA
14277.7	3	2011	1	13	01:24--01:32	J3E/U	360	INS	UNID	Male-female pass coded messages, (weather info)	OF84wx	WIA
14277.7	3	2011	1	14	01:05--01:10	J3E/U	360	INS	UNID	Male-female pass coded messages,(weather info)	OF84wx	WIA

14277.7	3	2011	1	14	01:18--01:22	J3E/U	360	INS	UNID	Male-female pass coded messages,(weather info)	OF84wx	WIA
14277.7	3	2011	1	14	01:51--01:54	J3E/U	360	INS	UNID	Male-female pass coded messages (weather info)	OF84wx	WIA
14277.7	3	2011	1	15	00:22--00:23	J3E/U	360	INS	UNID	Male-female no messages yet	OF84wx	WIA
14277.7	3	2011	1	18	02:00-02:04	J3E/U	360	INS	UNID	3 males pass coded messages, (weather info)	OF84wx	WIA
14277.7	3	2011	1	20	00:55--00:56	J3E/U	360	INS	UNID	2 males no messages yet	OF84wx	WIA
14277.7	3	2011	1	21	01:47--01:50	J3E/U	360	INS	UNID	2 males pass coded messages, (weather info)	OF84wx	WIA
14277.7	3	2011	1	21	01:58--02:14	J3E/U	360	INS	UNID	2 males pass coded messages. (weather info)	OF84wx	WIA
14277.7	3	2011	1	22	01:03--01:08	J3E/U	360	INS	UNID	2 males pass coded messages, (weather info)	OF84wx	WIA
14277.7	3	2011	1	23	00:20--00:24	J3E/U	360	INS	UNID	2 males pass coded messages,(weather info)	OF84wx	WIA
14277.7	3	2011	1	24	00:12--00:13	J3E/U	360	INS	UNID	Male-female, no messages yet	OF84wx	WIA
14277.7	3	2011	1	24	00:50--00:52	J3E/U	360	INS	UNID	2 males, pass coded messages, (weather info)	OF84wx	WIA
14277.7	3	2011	1	24	01:34--01:44	J3E/U	360	INS	UNID	2 males pass coded messages, (weather info)	OF84wx	WIA
14277.7	3	2011	1	25	00:25--00:27	J3E/U	360	INS	UNID	1 male calling, no reply	OF84wx	WIA
14277.7	3	2011	1	25	00:37--00:40	J3E/U	360	INS	UNID	1 male calling no reply	OF84wx	WIA
14277.7	3	2011	1	25	02:10--02:13	J3E/U	360	INS	UNID	2 males pass coded messages. (weather info)	OF84wx	WIA

14277.7	3	2011	1	25	02:37--02:43	J3E/U	360	INS	UNID	2 males just talking	OF84wx	WIA	
14277.7	3	2011	1	26	01:45--01:46	J3E/U	360	INS	UNID	2 males , no messages today	OF84wx	WIA	
14277.7	3	2011	1	27	01:29--01:32	J3E/U	360	INS	UNID	2 males pass coded messages	OF84wx	WIA	
14277.7	3	2011	1	28	01:24--01:25	J3E/U	360	INS	UNID	2 males no messages yet	OF84wx	WIA	
14277.7	3	2011	1	28	01:45--01:49	J3E/U	360	INS	UNID	2 males pass coded messages, (weather info)	OF84wx	WIA	
14277.7	3	2011	1	29	01:50--01:51	J3E/U	360	INS	UNID	2 males , no messages yet	OF84wx	WIA	
14277.7	3	2011	1	29	02:03--02:04	J3E/U	360	INS	UNID	Male-female no messages yet	OF84wx	WIA	
14277.7	3	2011	1	29	02:10--02:17	J3E/U	360	INS	UNID	2 males pass coded messages, (weather info)	OF84wx	WIA	
14277.7	3	2011	1	30	01:51--01:52	J3E/U	360	INS	UNID	2 males , no messages yet	OF84wx	WIA	
14277.7	3	2011	1	30	01:57--01:59	J3E/U	360	INS	UNID	1 male calling, no reply	OF84wx	WIA	
14277.7	3	2011	1	30	02:25--02:30	J3E/U	360	INS	UNID	2 males talking, no messages given	OF84wx	WIA	
14292		2011	1	9	<1120-1125>	J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
14292.5	25	2011	1	4	<0337>	P0N	300	?	Unid	OTHR S9+ FMCW 66 PPS 1 second bursts	RF73MF	NZART	ZL1GWE
14334	3	2011	1	7	30	J3E/L			UNID	ASIAN	QG52xi	WIA	
14335.8	3	2011	1	20	1050	J3E/U			UNID	ASIAN, SOUNDS CHINESE, FISHBOATS, ENGINE NOISE	QG52xi	WIA	
14340	50	2011	1	27	1000	P0N			UNID		QG52xi	WIA	
18088		2011	1	15	<0556>	J3E/L		?	Unid	Chinese speaking non-amateur intruders	RF73MF	NZART	ZL1GWE

18104	4	2011	1	1	<0001>	0001-0010	P0N	45	?	Unid	OTHR 10-15 tones switching on and off S7 66-100 PPS	RF73MF	NZART	ZL1GWE
18123	7	2011	1	1	<0001>	0001-0010	P0N	45	?	Unid	OTHR 10-15 tones switching on and off S7 66-100 PPS	RF73MF	NZART	ZL1GWE
18160		2011	1	1	<0001>	0001-0010	P0N	45	?	Unid	OTHR S1 similar to above	RF73MF	NZART	ZL1GWE
21050	6	2011	1	6	745		A3E			UNID	ASIAN, CB-LIKE	QG52xi	WIA	
21059.7	3	2011	1	6	910		J3E/U			UNID		QG52xi	WIA	
21070	50	2011	1	5	820		P0N			UNID	OTHR	QG52xi	WIA	
21089	3	2011	1	22	945		J3E/U			UNID	ASIAN	QG52xi	WIA	
21100	6	2011	1	6	805		A3E			UNID	ASIAN, CB-LIKE	QG52xi	WIA	
21150		2011	1	1	<0001>	0001-0010	P0N	45	?	Unid	OTHR S1 similar to above	RF73MF	NZART	ZL1GWE
21215	50	2011	1	6	710		P0N	330		UNID	OTHR, CONTINUOUS	QG52xi	WIA	
21215		2011	1	15	<0545>		545 P0N	330	?	Unid	OTHR very light S1 SF79	RF73MF	NZART	ZL1GWE
21215		2011	1	6	<0608>	0608-0618	P0N	330	?	Unid	OTHR S9 50 PPS SP and LP travelling around the globe	RF73MF	NZART	ZL1GWE
21220		2011	1	7	<0518>		518 VXX	60	?	Unid	Suspected ROTH S1 CODAR Bursts	RF73MF	NZART	ZL1GWE
21245		2011	1	9	<0448>		448 VXX	60	?	Unid	CODAR ROTH 10 PPS S1-5 12 second bursts and long gaps	RF72LQ	NZART	ZL1BAD
24925	6	2011	1	7	335		F3E			UNID	ASIAN	QG52xi	WIA	
24950	6	2011	1	7	335		F3E			UNID	ASIAN	QG52xi	WIA	
24960	6	2011	1	1	850		F3E			UNID	ASIAN	QG52xi	WIA	
28002	21	2011	1	2	<0345>		345 VXX	60	?	Unid	CODAR ROTH 10 PPS S1	RF73MF	NZART	ZL1GWE
28014		2011	1	9	<0428>	0428-0541	A3E		?	Unid	CB PLL squelch breaking S1	RF73MF	NZART	ZL1GWE
28019		2011	1	7	<0450>		450 A3E		?	Unid	Non-Amateur intruder	RF73MF	NZART	ZL1GWE
28033		2011	1	9	<0428>	0428-0541	A3E		?	Unid	CB PLL squelch breaking S1	RF73MF	NZART	ZL1GWE
28039		2011	1	9	<0428>	0428-0541	A3E		?	Unid	CB PLL squelch breaking S1	RF73MF	NZART	ZL1GWE

28044		2011	1	9	<0428>	0428-0541	A3E	?	Unid	CB PLL squelch breaking S1	RF73MF	NZART	ZL1GWE
28051		2011	1	9	<0428>	0428-0541	A3E	?	Unid	CB PLL squelch breaking S1	RF73MF	NZART	ZL1GWE
28082		2011	1	9	<0428>	0428-0541	A3E	?	Unid	CB PLL squelch breaking S1	RF73MF	NZART	ZL1GWE
28106		2011	1	9	<0428>	0428-0541	A3E	?	Unid	CB PLL squelch breaking S1	RF73MF	NZART	ZL1GWE
28175	6	2011	1	7		325	F3E		UNID	DAILY, ASIAN	QG52xi	WIA	
28195	6	2011	1	5		715	A3E		UNID	ASIAN	QG52xi	WIA	
28215		2011	1	7	<0450>		450 F3E	?	Unid	CB PLL squelch breaking S1	RF73MF	NZART	ZL1GWE
28225	6	2011	1	7		320	F3E		UNID	ASIAN	QG52xi	WIA	
28235		2011	1	9	<0428>	0428-0541	A3E	?	Unid	CB PLL squelch breaking S1	RF73MF	NZART	ZL1GWE
28237		2011	1	7	<0450>		450 A3E	CHN	Unid	Chinese speaking QSO Non-Amateur	RF73MF	NZART	ZL1GWE
28246		2011	1	9	<0428>	0428-0541	A3E	?	Unid	CB PLL squelch breaking S1	RF73MF	NZART	ZL1GWE
28252		2011	1	9	<0428>	0428-0541	A3E	?	Unid	CB PLL squelch breaking S1	RF73MF	NZART	ZL1GWE
28270		2011	1	9	<0428>	0428-0541	A3E	?	Unid	CB PLL squelch breaking S1	RF73MF	NZART	ZL1GWE
28289		2011	1	7	<0450>		450 A3E	?	Unid	Suspected Chinese Non-Amateurs	RF73MF	NZART	ZL1GWE
28290		2011	1	9	<0428>	0428-0541	A3E	?	Unid	CB PLL squelch breaking S1	RF73MF	NZART	ZL1GWE
28294		2011	1	7	<0450>		450 A3E	CHN	Unid	Non-Amateur intruders S1	RF73MF	NZART	ZL1GWE
28305	6	2011	1	28		545	A3E		UNID	ASIAN	QG52xi	WIA	
28345		2011	1	9	<0428>	0428-0541	A3E	?	Unid	CB PLL squelch breaking S1	RF73MF	NZART	ZL1GWE
28355	6	2011	1	29		805	A3E		UNID	ASIAN	QG52xi	WIA	
28372		2011	1	9	<0428>	0428-0541	A3E	?	Unid	CB PLL squelch breaking S1	RF73MF	NZART	ZL1GWE
28399		2011	1	9	<0428>	0428-0541	A3E	?	Unid	CB PLL squelch breaking S1	RF73MF	NZART	ZL1GWE
28400	6	2011	1	7		320	F3E		UNID	ASIAN	QG52xi	WIA	
28407		2011	1	9	<0428>	0428-0541	A3E	?	Unid	CB PLL squelch breaking S1	RF73MF	NZART	ZL1GWE

28413		2011	1	9	<0428>	0428-0541	A3E	?	Unid	CB PLL squelch breaking S1	RF73MF	NZART	ZL1GWE
28420		2011	1	9	<0428>	0428-0541	A3E	?	Unid	CB PLL squelch breaking S1	RF73MF	NZART	ZL1GWE
28427		2011	1	9	<0428>	0428-0541	A3E	?	Unid	CB PLL squelch breaking S1	RF73MF	NZART	ZL1GWE
28429		2011	1	9	<0428>	0428-0541	A3E	?	Unid	CB PLL squelch breaking S1	RF73MF	NZART	ZL1GWE
28431		2011	1	7	<0450>		450 A3E	?	Unid	Non-Amateur intruders S1	RF73MF	NZART	ZL1GWE
28440		2011	1	7	<0428>	0428-0541	A3E	?	Unid	CB PLL squelch breaking S1	RF73MF	NZART	ZL1GWE
28446		2011	1	7	<0450>		450 A3E	?	Unid	Non-Amateur intruders S1	RF73MF	NZART	ZL1GWE
28450	6	2011	1	7		320	F3E		UNID	ASIAN	QG52xi	WIA	
28453		2011	1	9	<0428>	0428-0541	A3E	?	Unid	CB PLL squelch breaking S1	RF73MF	NZART	ZL1GWE
28464		2011	1	9	<0428>	0428-0541	A3E	?	Unid	CB PLL squelch breaking S1	RF73MF	NZART	ZL1GWE
28475		2011	1	9	<0428>	0428-0541	A3E	?	Unid	CB PLL squelch breaking S1	RF73MF	NZART	ZL1GWE
28483		2011	1	9	<0428>	0428-0541	A3E	?	Unid	CB PLL squelch breaking S1	RF73MF	NZART	ZL1GWE
28485	6	2011	1	7		320	F3E		UNID	ASIAN	QG52xi	WIA	
28502		2011	1	9	<0428>	0428-0541	A3E	?	Unid	CB PLL squelch breaking S1	RF73MF	NZART	ZL1GWE
28555	6	2011	1	6		820	A3E		UNID	ASIAN	QG52xi	WIA	
28563		2011	1	7	<0450>		450 A3E	?	Unid	Non-Amateur intruders S1	RF73MF	NZART	ZL1GWE
28564		2011	1	7	<0450>		450 A3E	?	Unid	Non-Amateur intruders S1	RF73MF	NZART	ZL1GWE
28565		2011	1	9	<0428>	0428-0541	A3E	?	Unid	CB PLL squelch breaking S1	RF73MF	NZART	ZL1GWE
28570		2011	1	9	<0428>	0428-0541	A3E	?	Unid	CB PLL squelch breaking S1	RF73MF	NZART	ZL1GWE
28572		2011	1	7	<0450>		450 A3E	?	Unid	Non-Amateur intruders S1	RF73MF	NZART	ZL1GWE
28576		2011	1	7	<0450>		450 A3E	?	Unid	Non-Amateur intruders S1	RF73MF	NZART	ZL1GWE
28580		2011	1	7	<0450>		450 A3E	?	Unid	Non-Amateur intruders S1	RF73MF	NZART	ZL1GWE

28593		2011	1	7	<0450>	450	A3E	?	Unid	Non-Amateur intruders S1	RF73MF	NZART	ZL1GWE
28608		2011	1	7	<0450>	450	A3E	?	Unid	Non-Amateur intruders S1	RF73MF	NZART	ZL1GWE
28626		2011	1	7	<0450>	450	A3E	?	Unid	Non-Amateur intruders S1	RF73MF	NZART	ZL1GWE
28628		2011	1	7	<0450>	450	A3E	?	Unid	Non-Amateur intruders S1 Big bunch very busy QSB	RF73MF	NZART	ZL1GWE
28636		2011	1	9	<0428>	0428-0541	A3E	?	Unid	CB PLL squelch breaking S1	RF73MF	NZART	ZL1GWE
28648		2011	1	7	<0450>	450	A3E	?	Unid	Non-Amateur intruders S1	RF73MF	NZART	ZL1GWE
28658		2011	1	9	<0428>	0428-0541	A3E	?	Unid	CB PLL squelch breaking S1	RF73MF	NZART	ZL1GWE
28665	6	2011	1	5	810		A3E		UNID	ASIAN	QG52xi	WIA	
28665		2011	1	7	<0450>	450	A3E	?	Unid	Non-Amateur intruders S1	RF73MF	NZART	ZL1GWE
28671		2011	1	7	<0450>	450	A3E	CHN	Unid	Non-Amateur intruders S1	RF73MF	NZART	ZL1GWE
28675	6	2011	1	7	315		F3E		UNID	ASIAN	QG52xi	WIA	
28676		2011	1	9	<0428>	0428-0541	A3E	?	Unid	CB PLL squelch breaking S1	RF73MF	NZART	ZL1GWE
28725	6	2011	1	5	810		A3E		UNID	ASIAN	QG52xi	WIA	
28766		2011	1	7	<0450>	450	A3E	?	Unid	Non-Amateur intruders S1	RF73MF	NZART	ZL1GWE
28772		2011	1	9	<0428>	0428-0541	A3E	?	Unid	CB PLL squelch breaking S1	RF73MF	NZART	ZL1GWE
28775	6	2011	1	7	315		F3E		UNID	ASIAN	QG52xi	WIA	
28825	6	2011	1	1	845		A3E		UNID	ASIAN	QG52xi	WIA	
28850	6	2011	1	7	315		F3E		UNID	ASIAN	QG52xi	WIA	
28888		2011	1	9	<0428>	0428-0541	A3E	?	Unid	CB PLL squelch breaking S1	RF73MF	NZART	ZL1GWE
28900	6	2011	1	1	845		F3E		UNID	ASIAN	QG52xi	WIA	
28918		2011	1	7	<0450>	450	A3E	?	Unid	Non-Amateur intruders S1	RF73MF	NZART	ZL1GWE
28937.5	6	2011	1	7	315		F3E		UNID	ASIAN	QG52xi	WIA	
28940	6	2011	1	7	315		F3E		UNID	ASIAN	QG52xi	WIA	
28950	6	2011	1	5	805		A3E		UNID	ASIAN	QG52xi	WIA	
28975	6	2011	1	7	310		F3E		UNID	ASIAN	QG52xi	WIA	
29000	6	2011	1	7	310		F3E		UNID	ASIAN	QG52xi	WIA	

29025	6	2011	1	1	840	F3E	UNID	ASIAN	QG52xi	WIA		
29035	6	2011	1	7	310	F3E	UNID	ASIAN	QG52xi	WIA		
29100	6	2011	1	6	820	A3E	UNID	ASIAN	QG52xi	WIA		
29125	6	2011	1	1	840	A3E	UNID	ASIAN	QG52xi	WIA		
29150	6	2011	1	6	820	A3E	UNID	ASIAN	QG52xi	WIA		
29173		2011	1	9	<0428>	A3E	?	Unid	CB PLL squelch breaking S1	RF73MF	NZART	ZL1GWE
29175	6	2011	1	1	840	F3E	UNID	ASIAN	QG52xi	WIA		
29200	6	2011	1	28	550	A3E	UNID	ASIAN	QG52xi	WIA		
29225	6	2011	1	7	305	F3E	UNID	DAILY, ASIAN	QG52xi	WIA		
29260	6	2011	1	7	305	F3E	UNID	ASIAN	QG52xi	WIA		
29275	6	2011	1	7	305	F3E	UNID	ASIAN	QG52xi	WIA		
29312.5	6	2011	1	7	305	F3E	UNID	ASIAN	QG52xi	WIA		
29315	6	2011	1	7	300	F3E	UNID	ASIAN	QG52xi	WIA		
29365	6	2011	1	7	145	A3E	UNID	ASIAN	QG52xi	WIA		
29385	6	2011	1	7	140	A3E	UNID	ASIAN	QG52xi	WIA		
29400	6	2011	1	7	300	F3E	UNID	ASIAN	QG52xi	WIA		
29410	6	2011	1	7	300	F3E	UNID	ASIAN	QG52xi	WIA		
29425	6	2011	1	7	300	F3E	UNID	ASIAN	QG52xi	WIA		
29450	6	2011	1	7	300	F3E	UNID	ASIAN	QG52xi	WIA		
29475	6	2011	1	7	255	F3E	UNID	ASIAN	QG52xi	WIA		
29500	6	2011	1	7	255	F3E	UNID	ASIAN	QG52xi	WIA		
29550	6	2011	1	7	140	F3E	UNID	ASIAN	QG52xi	WIA		
29600	6	2011	1	7	250	F3E	UNID	ASIAN	QG52xi	WIA		
29625	6	2011	1	7	140	F3E	UNID	ASIAN	QG52xi	WIA		
29637.5	6	2011	1	7	135	F3E	UNID	ASIAN	QG52xi	WIA		
29700	6	2011	1	6	810	F3E	UNID	ASIAN	QG52xi	WIA		