



INTERNATIONAL AMATEUR RADIO UNION

REGION THREE

MONITORING SYSTEM NEWS LETTER



March 2015

Peter Young VK3MV

Reports for March were received from the ARSI, JARL, NZART and the WIA.

This month there were 480 observations of intruders made across the Region as compared to last month's number of 755. These numbers are down due to less observers making reports this month.

OHR systems continue to be the most prominent intruders, on 10, 15 and 20 meters and to a lesser extent on 40 meters. These intrusions are ongoing despite repeated reports to regulatory authorities.

There are the usual intrusions RUS cw beacons stations 40 meters.

There is the continual illegal use of 10 meters for local short-range communications in a number of Asian countries. More detail is provided in the attached data report.

Thank you to all the regional observers for their reports, these reports are needed, and really appreciated. Keep them coming. Monitoring reports can also be sent directly to me, if you don't have a national monitoring coordinator.

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

Peter – VK3MV

Freq kHz	BW	YYYY	MM	DD	GMT	UTC	Emm	Bd	Sft	Hdg	ADM	ID	Description	Grid	Society	Notes
3500.0	1	2015	3	28	1930		F1B		500				CONTINUOUS	QG52xi	WIA	VK4TJ
3503.0		2015	3	29	1950		A1A						NUMBER CIPHER 8 SUBCARRIERS ON 200 HZ INTERVALS, BEEP	QG52xi	WIA	VK4TJ
3552.0	5	2015	3	30	2000		G7D						TONE	QG52xi	WIA	VK4TJ
3573.0	3	2015	3	29	1950		J1C						FAX	QG52xi	WIA	VK4TJ
3585.0	3	2015	3	28	1935		J1C				JPN		FAX	QG52xi	WIA	VK4TJ
3596.0	3	2015	3	29	1950		J1C						FAX	QG52xi	WIA	VK4TJ
3623.0	3	2015	3	28	1935		J1C				JPN		FAX	QG52xi	WIA	VK4TJ
3680.0	150	2015	3	29	1005		P0N						OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
3698.0	1	2015	3	28	1930		F1B		250				CONTINUOUS	QG52xi	WIA	VK4TJ
3770.0	3	2015	3	28	1930		J3E/U				JAP		FISHBOATS	QG52xi	WIA	VK4TJ
3777.0		2015	3	28	1930		A1A					RIS9	CALLING M8JF DOZENS OF SUBCARRIERS ON CLOSE INTERVALS	QG52xi	WIA	VK4TJ
3791.0	5	2015	3	30	2000		G7D						CLOSE INTERVALS	QG52xi	WIA	VK4TJ
3797.0		2015	3	28	1930		A1A					RIS9	CALLING M8JF	QG52xi	WIA	VK4TJ
7000.0	3	2015	3	28	0840		J3E/U				INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7005.0	3	2015	3	30	0905		J3E/L				INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7005.0	3	2015	3	29	1015		J3E/U				INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7010.0	3	2015	3	28	0840		J3E/L				INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7010.0	3	2015	3	28	0840		J3E/U				INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7015.0	3	2015	3	28	1935		J3E/L				INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7015.0	3	2015	3	29	0845		J3E/U				INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7020.0	3	2015	3	29	0915		J3E/L				INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7025.0	3	2015	3	30	0915		J3E/L				INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7025.0	3	2015	3	30	0910		J3E/U				INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7030.0	3	2015	3	30	0915		J3E/L				INS		DAILY, VILLAGE RADIO, SINGING	QG52xi	WIA	VK4TJ
7030.0	3	2015	3	29	1020		J3E/U				INS		DAILY, VILLAGE RADIO, SINGING	QG52xi	WIA	VK4TJ
7038.3		2015	3	28	0840		A1A				RUS	K	DAILY, HARBOUR BEACON	QG52xi	WIA	VK4TJ
7038.6		2015	3	28	1935		A1A				RUS	D	DAILY, HARBOUR BEACON	QG52xi	WIA	VK4TJ
7039.2		2015	3	28	1935		A1A				RUS	F	DAILY, HARBOUR BEACON	QG52xi	WIA	VK4TJ
7039.4		2015	3	28	0840		A1A				RUS	M	DAILY, HARBOUR BEACON	QG52xi	WIA	VK4TJ
7114.0	1	2015	3	30	0915		F1B						CONTINUOUS	QG52xi	WIA	VK4TJ
7120.0	1	2015	3	30	2015		F1B						SELCALL TONES	QG52xi	WIA	VK4TJ
7130.0	40	2015	3	30	2015		VXX						CODAR	QG52xi	WIA	VK4TJ
10105.0	2	2015	3	29	0840		G7DF						MANPACK RADIO	QG52xi	WIA	VK4TJ
10120.0	2	2015	3	31	0950		G7DF						MANPACK RADIO	QG52xi	WIA	VK4TJ
14000.0	2	2015	3	30	0840		G7DF						MANPACK RADIO	QG52xi	WIA	VK4TJ
14005.0	2	2015	3	30	0840		G7DF						MANPACK RADIO	QG52xi	WIA	VK4TJ
14008.0	1	2015	3	30	0820		F1B						CONTINUOUS, THEN N0N	QG52xi	WIA	VK4TJ

14010.0	2	2015	3	31	0505	G7DF		MANPACK RADIO	QG52xi	WIA	VK4TJ
14015.0	2	2015	3	31	0635	G7DF		MANPACK RADIO	QG52xi	WIA	VK4TJ
14015.0	1	2015	3	30	0850	F1B		ALE	QG52xi	WIA	VK4TJ
14020.0	2	2015	3	31	0640	G7DF		MANPACK RADIO	QG52xi	WIA	VK4TJ
14025.0	2	2015	3	31	0640	G7DF		MANPACK RADIO	QG52xi	WIA	VK4TJ
14030.0	2	2015	3	31	0655	G7DF		MANPACK RADIO	QG52xi	WIA	VK4TJ
14045.0	2	2015	3	31	0915	G7DF		MANPACK RADIO	QG52xi	WIA	VK4TJ
14048.0	3	2015	3	31	0500	J3E/U	PHL	TAGALOG	QG52xi	WIA	VK4TJ
14050.0	2	2015	3	30	0540	G7DF		MANPACK RADIO	QG52xi	WIA	VK4TJ
14055.0	2	2015	3	31	1015	G7DF		MANPACK RADIO	QG52xi	WIA	VK4TJ
14060.0	2	2015	3	30	0700	G7DF		MANPACK RADIO	QG52xi	WIA	VK4TJ
								MIXED NUMBER/LETTER CIPHER, SOME NON-			
14214.0		2015	3	30	0105	A1A		ENGLISH CHARACTERS	QG52xi	WIA	VK4TJ
18111.0	3	2015	3	31	0935	J3E/L		ASIAN, LIKELY TAGALOG	QG52xi	WIA	VK4TJ
28005.0	6	2015	3	30	0005	A3E		ASIAN	QG52xi	WIA	VK4TJ
28015.0	6	2015	3	30	0005	A3E		ASIAN	QG52xi	WIA	VK4TJ
28025.0	8	2015	3	30	0005	F3E		ASIAN	QG52xi	WIA	VK4TJ
28035.0	6	2015	3	30	0010	A3E		ASIAN	QG52xi	WIA	VK4TJ
28050.0	8	2015	3	28	2145	F3E		ASIAN	QG52xi	WIA	VK4TJ
28055.0	6	2015	3	30	0005	A3E		ASIAN	QG52xi	WIA	VK4TJ
28060.0	1	2015	3	30	0010	F1B		SHORT BURSTS	QG52xi	WIA	VK4TJ
28075.0	6	2015	3	30	0010	A3E		SPANISH SPEAKERS	QG52xi	WIA	VK4TJ
28085.0	6	2015	3	30	0010	A3E		ASIAN	QG52xi	WIA	VK4TJ
28100.0	8	2015	3	30	0010	F3E		ASIAN	QG52xi	WIA	VK4TJ
28105.0	6	2015	3	30	0010	A3E		ASIAN	QG52xi	WIA	VK4TJ
28115.0	6	2015	3	30	0010	A3E		ASIAN	QG52xi	WIA	VK4TJ
28125.0	8	2015	3	30	0015	F3E		ASIAN	QG52xi	WIA	VK4TJ
28135.0	6	2015	3	30	2305	A3E		ASIAN	QG52xi	WIA	VK4TJ
28135.0	2	2015	3	30	2305	G7DF		MANPACK RADIO	QG52xi	WIA	VK4TJ
28145.0	6	2015	3	30	0015	A3E		ASIAN	QG52xi	WIA	VK4TJ
28150.0	8	2015	3	30	0015	F3E		ASIAN	QG52xi	WIA	VK4TJ
28155.0	6	2015	3	30	0015	A3E		ASIAN	QG52xi	WIA	VK4TJ
28162.5	8	2015	3	28	2205	F3E		ASIAN	QG52xi	WIA	VK4TJ
28165.0	6	2015	3	30	0015	A3E		ASIAN	QG52xi	WIA	VK4TJ
28175.0	8	2015	3	30	0015	F3E		ASIAN	QG52xi	WIA	VK4TJ
28185.0	8	2015	3	30	0015	F3E		ASIAN	QG52xi	WIA	VK4TJ
28200.0	8	2015	3	28	2205	F3E		ASIAN	QG52xi	WIA	VK4TJ
28205.0	6	2015	3	30	0015	A3E		ASIAN	QG52xi	WIA	VK4TJ
28212.5	8	2015	3	30	2310	F3E		ASIAN	QG52xi	WIA	VK4TJ
28215.0	6	2015	3	30	0015	A3E		ASIAN	QG52xi	WIA	VK4TJ
28225.0	8	2015	3	28	2205	F3E		ASIAN	QG52xi	WIA	VK4TJ
28235.0	6	2015	3	30	0055	A3E		ASIAN	QG52xi	WIA	VK4TJ
28245.0	6	2015	3	30	0015	A3E		ASIAN	QG52xi	WIA	VK4TJ
28250.0	8	2015	3	30	2310	F3E		ASIAN	QG52xi	WIA	VK4TJ

28255.0	6	2015	3	30	0015	A3E	ASIAN	QG52xi	WIA	VK4TJ
28265.0	6	2015	3	30	0020	A3E	ASIAN	QG52xi	WIA	VK4TJ
28275.0	8	2015	3	30	0020	F3E	ASIAN	QG52xi	WIA	VK4TJ
28285.0	6	2015	3	31	2215	A3E	ASIAN	QG52xi	WIA	VK4TJ
28305.0	6	2015	3	31	2215	A3E	ASIAN, SOUNDS CHINESE	QG52xi	WIA	VK4TJ
28315.0	6	2015	3	30	0050	A3E	ASIAN	QG52xi	WIA	VK4TJ
28320.0	2	2015	3	31	2355	G7DF	MANPACK RADIO	QG52xi	WIA	VK4TJ
28320.0	6	2015	3	31	2355	A3E	ASIAN	QG52xi	WIA	VK4TJ
28325.0	8	2015	3	30	2310	F3E	ASIAN	QG52xi	WIA	VK4TJ
28335.0	6	2015	3	30	0020	A3E	ASIAN	QG52xi	WIA	VK4TJ
28350.0	8	2015	3	31	2220	F3E	ASIAN	QG52xi	WIA	VK3MV
28355.0	6	2015	3	30	0020	A3E	ASIAN	QG52xi	WIA	VK4TJ
28365.0	6	2015	3	30	0020	A3E	ASIAN	QG52xi	WIA	VK4TJ
28375.0	8	2015	3	30	0020	F3E	ASIAN	QG52xi	WIA	VK4TJ
28385.0	6	2015	3	30	0020	A3E	ASIAN	QG52xi	WIA	VK3MV
28400.0	8	2015	3	31	2220	F3E	ASIAN	QG52xi	WIA	VK4TJ
28405.0	6	2015	3	30	0020	A3E	ASIAN	QG52xi	WIA	VK4TJ
28415.0	6	2015	3	30	2310	A3E	ASIAN	QG52xi	WIA	VK4TJ
28425.0	8	2015	3	30	0020	F3E	ASIAN	QG52xi	WIA	VK3MV
28435.0	6	2015	3	30	0020	A3E	ASIAN	QG52xi	WIA	VK4TJ
28455.0	6	2015	3	30	0020	A3E	ASIAN	QG52xi	WIA	VK4TJ
28462.5	6	2015	3	30	2310	A3E	ASIAN	QG52xi	WIA	VK4TJ
28465.0	6	2015	3	30	0020	A3E	ASIAN	QG52xi	WIA	VK4TJ
28475.0	8	2015	3	31	2355	F3E	ASIAN	QG52xi	WIA	VK4TJ
28485.0	6	2015	3	30	0020	A3E	ASIAN	QG52xi	WIA	VK4TJ
28500.0	8	2015	3	30	2315	F3E	ASIAN	QG52xi	WIA	VK4TJ
28505.0	6	2015	3	30	2315	A3E	ASIAN	QG52xi	WIA	VK4TJ
28515.0	6	2015	3	31	2355	A3E	ASIAN	QG52xi	WIA	VK4TJ
28525.0	8	2015	3	30	0025	F3E	ASIAN	QG52xi	WIA	VK4TJ
28530.0	6	2015	3	31	2355	A3E	ASIAN	QG52xi	WIA	VK4TJ
28535.0	6	2015	3	30	0025	A3E	ASIAN	QG52xi	WIA	VK4TJ
28537.5	6	2015	3	30	0025	A3E	ASIAN	QG52xi	WIA	VK4TJ
28550.0	8	2015	3	30	0050	F3E	ASIAN	QG52xi	WIA	VK4TJ
28555.0	6	2015	3	30	0050	A3E	ASIAN	QG52xi	WIA	VK4TJ
28565.0	6	2015	3	30	0050	A3E	ASIAN	QG52xi	WIA	VK4TJ
28575.0	8	2015	3	30	0025	F3E	ASIAN	QG52xi	WIA	VK4TJ
28580.0	6	2015	3	30	0050	A3E	ASIAN	QG52xi	WIA	VK4TJ
28585.0	6	2015	3	31	2350	A3E	ASIAN	QG52xi	WIA	VK4TJ
28595.0	6	2015	3	31	2350	A3E	ASIAN	QG52xi	WIA	VK4TJ
28600.0	8	2015	3	31	2350	F3E	ASIAN	QG52xi	WIA	VK4TJ
28605.0	6	2015	3	30	0025	A3E	ASIAN	QG52xi	WIA	VK4TJ
28615.0	6	2015	3	30	0050	A3E	ASIAN	QG52xi	WIA	VK4TJ
28625.0	8	2015	3	30	0045	F3E	ASIAN	QG52xi	WIA	VK4TJ
28635.0	6	2015	3	30	0025	A3E	ASIAN	QG52xi	WIA	VK4TJ
28645.0	6	2015	3	30	0025	A3E	ASIAN	QG52xi	WIA	VK4TJ

28655.0	6	2015	3	30	2315	A3E	ASIAN	QG52xi	WIA	VK4TJ
28665.0	6	2015	3	28	2200	A3E	ASIAN	QG52xi	WIA	VK4TJ
28675.0	8	2015	3	30	0025	F3E	ASIAN	QG52xi	WIA	VK4TJ
28685.0	6	2015	3	30	0025	A3E	ASIAN	QG52xi	WIA	VK4TJ
28687.5	6	2015	3	30	0025	A3E	ASIAN	QG52xi	WIA	VK4TJ
28695.0	6	2015	3	30	0045	A3E	ASIAN	QG52xi	WIA	VK4TJ
28700.0	6	2015	3	30	2315	A3E	ASIAN	QG52xi	WIA	VK4TJ
28705.0	8	2015	3	30	0045	F3E	ASIAN	QG52xi	WIA	VK4TJ
28715.0	6	2015	3	31	2350	A3E	ASIAN	QG52xi	WIA	VK4TJ
28725.0	8	2015	3	28	2200	F3E	ASIAN	QG52xi	WIA	VK4TJ
28735.0	6	2015	3	30	2315	A3E	ASIAN	QG52xi	WIA	VK4TJ
28737.5	6	2015	3	31	2350	A3E	ASIAN	QG52xi	WIA	VK4TJ
28745.0	6	2015	3	30	0025	A3E	ASIAN	QG52xi	WIA	VK4TJ
28750.0	8	2015	3	31	2350	F3E	ASIAN	QG52xi	WIA	VK4TJ
28755.0	6	2015	3	30	2320	A3E	ASIAN	QG52xi	WIA	VK4TJ
28765.0	6	2015	3	31	2345	A3E	ASIAN	QG52xi	WIA	VK4TJ
28775.0	8	2015	3	31	2220	F3E	ASIAN	QG52xi	WIA	VK4TJ
28787.5	8	2015	3	31	2345	F3E	ASIAN	QG52xi	WIA	VK4TJ
28800.0	8	2015	3	31	2345	F3E	ASIAN	QG52xi	WIA	VK4TJ
28815.0	6	2015	3	31	2345	A3E	ASIAN	QG52xi	WIA	VK4TJ
28837.5	8	2015	3	31	2340	F3E	ASIAN	QG52xi	WIA	VK4TJ
28850.0	8	2015	3	28	2200	F3E	ASIAN	QG52xi	WIA	VK4TJ
28862.5	8	2015	3	30	2320	F3E	ASIAN	QG52xi	WIA	VK4TJ
28875.0	8	2015	3	28	2200	F3E	ASIAN	QG52xi	WIA	VK4TJ
28887.5	8	2015	3	31	2335	F3E	ASIAN	QG52xi	WIA	VK4TJ
28900.0	8	2015	3	30	2320	F3E	ASIAN	QG52xi	WIA	VK4TJ
28925.0	8	2015	3	30	2320	F3E	ASIAN	QG52xi	WIA	VK4TJ
28937.5	8	2015	3	30	0030	F3E	ASIAN	QG52xi	WIA	VK4TJ
28950.0	8	2015	3	30	0030	F3E	ASIAN	QG52xi	WIA	VK4TJ
28962.5	8	2015	3	31	2220	F3E	ASIAN	QG52xi	WIA	VK4TJ
28975.0	8	2015	3	28	2155	F3E	ASIAN	QG52xi	WIA	VK4TJ
28985.0	6	2015	3	30	0030	A3E	ASIAN	QG52xi	WIA	VK4TJ
28987.5	8	2015	3	31	2330	F3E	ASIAN	QG52xi	WIA	VK4TJ
29000.0	8	2015	3	28	2155	F3E	ASIAN	QG52xi	WIA	VK4TJ
29005.0	6	2015	3	30	0030	A3E	ASIAN	QG52xi	WIA	VK4TJ
29012.5	8	2015	3	30	0030	F3E	ASIAN	QG52xi	WIA	VK4TJ
29025.0	8	2015	3	28	2155	F3E	ASIAN	QG52xi	WIA	VK4TJ
29037.5	8	2015	3	31	2225	F3E	ASIAN	QG52xi	WIA	VK4TJ
29045.0	6	2015	3	31	2225	A3E	ASIAN	QG52xi	WIA	VK4TJ
29050.0	8	2015	3	28	2215	F3E	ASIAN	QG52xi	WIA	VK4TJ
29062.5	8	2015	3	31	2320	F3E	ASIAN	QG52xi	WIA	VK4TJ
29075.0	8	2015	3	31	2320	F3E	ASIAN	QG52xi	WIA	VK4TJ
29087.5	6	2015	3	31	2320	A3E	ASIAN	QG52xi	WIA	VK4TJ
29100.0	8	2015	3	28	2155	F3E	ASIAN	QG52xi	WIA	VK4TJ
29125.0	8	2015	3	30	0030	F3E	ASIAN	QG52xi	WIA	VK4TJ

29150.0	8	2015	3	30	0030	F3E	ASIAN	QG52xi	WIA	VK4TJ
29175.0	8	2015	3	31	2225	F3E	ASIAN	QG52xi	WIA	VK4TJ
29187.5	8	2015	3	30	0030	F3E	ASIAN	QG52xi	WIA	VK4TJ
29200.0	6	2015	3	31	2310	A3E	ASIAN	QG52xi	WIA	VK4TJ
29212.5	8	2015	3	30	0030	F3E	ASIAN	QG52xi	WIA	VK4TJ
29225.0	8	2015	3	31	2225	F3E	ASIAN	QG52xi	WIA	VK4TJ
29237.5	6	2015	3	29	0100	A3E	ASIAN	QG52xi	WIA	VK4TJ
29250.0	6	2015	3	29	0100	A3E	ASIAN	QG52xi	WIA	VK4TJ
29275.0	8	2015	3	28	2340	F3E	ASIAN	QG52xi	WIA	VK4TJ
29287.5	8	2015	3	28	2340	F3E	ASIAN	QG52xi	WIA	VK4TJ
29300.0	6	2015	3	28	2155	A3E	ASIAN	QG52xi	WIA	VK4TJ
29325.0	8	2015	3	30	0035	F3E	ASIAN	QG52xi	WIA	VK4TJ
29337.5	8	2015	3	31	2255	F3E	ASIAN	QG52xi	WIA	VK4TJ
29350.0	6	2015	3	28	2320	A3E	ASIAN	QG52xi	WIA	VK4TJ
29362.5	8	2015	3	28	2315	F3E	ASIAN	QG52xi	WIA	VK4TJ
29375.0	8	2015	3	28	2315	F3E	ASIAN	QG52xi	WIA	VK4TJ
29385.0	6	2015	3	30	2325	A3E	ASIAN	QG52xi	WIA	VK4TJ
29387.5	8	2015	3	28	2315	F3E	ASIAN	QG52xi	WIA	VK4TJ
29400.0	6	2015	3	28	2155	A3E	ASIAN	QG52xi	WIA	VK4TJ
29405.0	6	2015	3	30	0035	A3E	ASIAN	QG52xi	WIA	VK4TJ
29412.5	6	2015	3	28	2315	A3E	ASIAN	QG52xi	WIA	VK4TJ
29425.0	8	2015	3	28	2155	F3E	ASIAN	QG52xi	WIA	VK4TJ
29425.0	1	2015	3	31	2225	F1B	CONTINUOUS	QG52xi	WIA	VK4TJ
29437.5	8	2015	3	28	2310	F3E	ASIAN	QG52xi	WIA	VK4TJ
29450.0	8	2015	3	28	2310	F3E	ASIAN	QG52xi	WIA	VK4TJ
29462.5	8	2015	3	31	2250	F3E	ASIAN	QG52xi	WIA	VK4TJ
29475.0	8	2015	3	28	2305	F3E	ASIAN	QG52xi	WIA	VK4TJ
29487.5	8	2015	3	28	2305	F3E	ASIAN	QG52xi	WIA	VK4TJ
29500.0	8	2015	3	28	2305	F3E	ASIAN	QG52xi	WIA	VK4TJ
29512.5	8	2015	3	31	2240	F3E	ASIAN	QG52xi	WIA	VK4TJ
29515.0	6	2015	3	30	0035	A3E	ASIAN	QG52xi	WIA	VK4TJ
29525.0	8	2015	3	28	2155	F3E	ASIAN	QG52xi	WIA	VK4TJ
29537.5	6	2015	3	28	2300	A3E	ASIAN	QG52xi	WIA	VK4TJ
29550.0	6	2015	3	28	2255	A3E	ASIAN	QG52xi	WIA	VK4TJ
29575.0	8	2015	3	28	2245	F3E	ASIAN	QG52xi	WIA	VK4TJ
29600.0	6	2015	3	28	2220	A3E	ASIAN	QG52xi	WIA	VK4TJ
29612.5	6	2015	3	31	2230	A3E	ASIAN	QG52xi	WIA	VK4TJ
29625.0	8	2015	3	28	2150	F3E	ASIAN	QG52xi	WIA	VK4TJ
29637.5	8	2015	3	28	2235	F3E	ASIAN	QG52xi	WIA	VK4TJ
29650.0	8	2015	3	28	2150	F3E	ASIAN	QG52xi	WIA	VK4TJ
29662.5	8	2015	3	28	2230	F3E	ASIAN	QG52xi	WIA	VK4TJ
29675.0	8	2015	3	28	2215	F3E	ASIAN	QG52xi	WIA	VK4TJ
29687.5	8	2015	3	28	2145	F3E	ASIAN	QG52xi	WIA	VK4TJ
29700.0	8	2015	3	28	2215	F3E	ASIAN	QG52xi	WIA	VK4TJ

14002.7		2015	03	01	<0330-0345>	J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI
14014		2015	03	01	<0330-0345>	J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI
14020		2015	03	01	<0330-0345>	J3E/L		UNID	UNID	SOUTH EAST ASIAN SPEAKERS		
14001		2015	03	08	<0100-0215>	A1A		UNID	"V"	SINGLE LETTER BEACON		
7038.8		2015	03	08	<2100-2150>	A1A		RUS	F,C,D	SINGLE LETTER BEACONS		
14014		2015	03	09	<0240-0250>	J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI
14024		2015	03	15	<0920-0935>	J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI
14056		2015	03	16	<0250-0300>	J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI
14044		2015	03	28	<0200-0215>	J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI
14002		2015	03	28	<0250-0310>	J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI
14200	0.5	2015	03	03	<1257-1259>	J3E/U		UNID	UNID	Two way communication Language like Pashto	NL06lu	ARSI
14212	0.5	2015	03	14	<1218-1220>	J3E/U		UNID	UNID	Two way communication Language UNID	NL06lu	ARSI
7039	0.5	2015	03	19	1844	A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2015	03	19	2140	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	03	20	1018	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	03	20	1022	A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2015	03	20	1210	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	03	20	1602	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	03	20	2130	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	03	21	1020	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	03	21	1214	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	03	21	1218	A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2015	03	21	1640	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	03	21	1830	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	03	21	2152	A1A	321	RUS	F--signal	Beacon	PM97	JARL

7039	0.5	2015	03	22	1010	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	03	22	1014	A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2015	03	22	1220	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	03	22	1224	A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2015	03	22	1802	A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2015	03	22	2050	A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2015	03	22	2054	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2015	03	23	1004	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	03	23	1008	A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2015	03	23	1202	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	03	23	1720	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	03	23	1724	A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2015	03	23	2110	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	03	24	1010	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	03	24	1014	A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2015	03	24	1220	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	03	24	1710	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	03	24	2046	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	03	25	1020	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	03	25	1024	A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2015	03	25	1230	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	03	25	1710	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	03	25	1830	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	03	25	2102	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	03	26	1010	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	03	26	1014	A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2015	03	26	1208	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	03	26	1610	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	03	26	1614	A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2015	03	26	1804	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	03	26	1808	A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2015	03	26	2040	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	03	27	1010	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	03	27	1014	A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2015	03	27	1220	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	03	27	1610	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	03	27	1614	A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2015	03	27	1820	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	03	27	1824	A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2015	03	27	2040	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	03	28	1020	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	03	28	1210	A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2015	03	28	1212	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	03	28	1614	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	03	28	1616	A1A	37	RUS	K--signal	Beacon	PM97	JARL

7039	0.5	2015	03	28	1830	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	03	28	1832	A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2015	03	28	2050	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	03	29	1004	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	03	29	1008	A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2015	03	29	1210	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	03	29	1214	A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2015	03	29	1610	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	03	29	1614	A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2015	03	29	1800	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	03	29	1804	A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2015	03	29	2030	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	03	30	1004	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	03	30	1008	A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2015	03	30	1230	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	03	30	1234	A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2015	03	30	1610	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	03	30	1614	A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2015	03	30	1820	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	03	30	1824	A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2015	03	30	2020	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	03	31	1012	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	03	31	1016	A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2015	03	31	1204	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	03	31	1208	A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2015	03	31	1610	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	03	31	1614	A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2015	03	31	1820	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	03	31	1824	A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2015	03	31	2012	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7040	0.5	2015	03	01	10:42	A1A				train of "F","M"	PM84UQ	JARL
7040	0.5	2015	03	02	12:01	A1A				train of "F","M"	PM84UQ	JARL
7040	0.5	2015	03	03	10:04	A1A				train of "F","M"	PM84UQ	JARL
7040	0.5	2015	03	04	12:23	A1A				train of "F","M"	PM84UQ	JARL
7040	0.5	2015	03	05	12:33	A1A				train of "F","M"	PM84UQ	JARL
7040	0.5	2015	03	13	09:04	A1A				train of "F","M","K"	PM84UQ	JARL
7040	0.5	2015	03	16	09:53	A1A				train of " F ", " K ", " M "	PM84UQ	JARL
7040	0.5	2015	03	18	11:49	A1A				train of "M","K"	PM84UQ	JARL
7040	0.5	2015	03	19	11:26	A1A				train of "F","M","K"	PM84UQ	JARL
7040	0.5	2015	03	20	11:13	A1A				train of "F","M","K"	PM84UQ	JARL
7040	0.5	2015	03	22	12;11	A1A				train of "F","M","K"	PM84UQ	JARL
7040	0.5	2015	03	23	12;03	A1A				train of "F","M","K"	PM84UQ	JARL
7040	0.5	2015	03	06	11:06	A1A				train of "F","M"	PM84UQ	JARL
7082.6	0.5	2015	03	18	11:50	A1A				random number(...na4u 5bn3 4tat 56an 7t4d ...)	PM84UQ	JARL

7140	3	2015	03	29	1740		F1B		non	non	non	now on air	PM97	JARL	
7170	0.5	2015	03	18	12:00		A1A					random number(...57n3 4tat 56an 7ttt 37du...)	PM84UQ	JARL	
7173	34	2015	03	26	1812		P0N		non	non	non	unkown 7156KHz~7190KHz wide pulse mode P0N OTHR ?	PM97	JARL	
7000		2015	03	DY	HX	HX	J3E/L		?		Unid	Non-Hams, mainly Spanish & Indonesian Languages - when OTHR is not on.	RF72LQ	NZART	ZL2BAD
7000		2015	03	DY	HX	HX	G7DE/F		?		Unid	HF Man Pack www1, 6 & 8 PSK	RF72LQ	NZART	ZL2BAD
7010		2015	03		<1838>	1838	P0N		?		Unid	OTHR Continuous spill-over from out of band operation	RF72LQ	NZART	ZL2BAD
7010		2015	03		<1850>	1850	P0N		?		Unid	OTHR Continuous spill-over from out of band operation	RF72LQ	NZART	ZL2BAD
7014		2015	03		<1835>	1835	XXX		?		Unid	Unknown system	RF72LQ	NZART	ZL2BAD
7014		2015	03		<1850>	1850	XXX		?		Unid	Unknown system	RF72LQ	NZART	ZL2BAD
7017	3.3	2015	03		<1850>	1850	M7B		?		Unid	Multi chnl	RF72LQ	NZART	ZL2BAD
7018		2015	03		<1830>	1830	XXXX		?		Unid	Unknown system	RF72LQ	NZART	ZL2BAD
7029	3.3	2015	03	05	<1845>	1845	M7B		?		Unid	Multi chnl	RF72LQ	NZART	ZL2BAD
7036	3.3	2015	03		<1845>	1845	M7B		?		Unid	Multi chnl	RF72LQ	NZART	ZL2BAD
7039		2015	03	DY	<0300>	0300-2200	A1A		RUS		D	CW Beacon	RF72LQ	NZART	ZL2BAD
7039		2015	03	DY	<0300>	0300-2200	A1A		RUS		M	CW Beacon QTH Vladivostok	RF72LQ	NZART	ZL2BAD
7039		2015	03	DY	<0300>	0300-2200	A1A		RUS		F	CW Beacon	RF72LQ	NZART	ZL2BAD
7039		2015	03	DY	<0300>	0300-2200	A1A		RUS		K	CW Beacon	RF72LQ	NZART	ZL2BAD
7075	30	2015	03	01	<1835>	1835	P0N		?		Unid	OTHR Continuous 3 pps	RF72LQ	NZART	ZL2BAD
7075	30	2015	03	05	<1845>	1845	P0N		?		Unid	OTHR Continuous 3 pps	RF72LQ	NZART	ZL2BAD
7075	30	2015	03	08	<1850>	1850>	P0N		?		Unid	OTHR Continuous 3 pps	RF72LQ	NZART	ZL2BAD
7075	30	2015	03	26	<1835>	1835	P0N		?		Unid	OTHR Continuous 3 pps	RF72LQ	NZART	ZL2BAD
7085	30	2015	03	10	<1840>	1840	P0N		?		Unid	OTHR Continuous 3 pps	RF72LQ	NZART	ZL2BAD
7095	30	2015	03	02	<1835>	1835	P0N		?		Unid	OTHR Continuous 3 pps	RF72LQ	NZART	ZL2BAD
7079		2015	03	14	<1904>	1904	J3E/U		RUS		Unid	Military Russian speaking non amateurs	RE68XL	NZART	ZL2TZE
7100	30	2015	03	25	<1835>	1835	P0N		?		Unid	OTHR Continuous 3 pps	RF72LQ	NZART	ZL2BAD
7100.36		2015	03	24	<2100>	2100	N0N		?		Und	Carrier unstable wobbles S9 - placed on his Grabber monitoring	RF74CI	NZART	ZL2IK
7101		2015	03	22	<0644>	0644	N0N		?		Unid	Carrier continuous S4	RF73MF	NZART	ZL1GWE
7102		2015	03	25	<1746>	1746	N0N		?		Unid	Carrier DF exercise going on appears to be a skywave signal	RE66XL	NZART	ZL2TZE
7120		2015	03	DY	<1830>	1830	A3E		SOM		R>Hargasia	Broadacast station B-C mixed progs.	RF72LQ	NZART	ZL2BAD
7134		2015	03	15	<1205>	1205- 1215\	F1B		?		Unid	Closed @ 1215.	RF72LQ	NZART	ZL2BAD
7165	30	2015	03	31	<1855>	1855	P0N		?		Unid	OTHR Continuous 3 pps	RF72LQ	NZART	ZL2BAD
7172		2015	03	31	<1850>	1850	F1B	250	?		Unid	RTTY No print	RF72LQ	NZART	ZL2BAD

7192	3.3	2015	03	15	<1215>	1215	M7B			?	Unid	Multi chnl	RF72LQ	NZART	ZL2BAD	
14000		2015	03	DY	HX	HX	G7DE/F			?	Unid	HF Man Pack 1, 6 & 8 PSK	RF72LQ	NZART	ZL2BAD	
14001.4		2015	03	15	<1205>	1205-2020	A1A			RUS	V	CW Beacon	RF72LQ	NZART	ZL2BAD	
14141		2015	03	13	<1000>	1000-1915	F1B	75	500	?	Unid	RTTY 500 shift, no print	RF72LQ	NZART	ZL2BAD	
14189		2015	03	14	<1703>	1703	J3E/U			RUS	Unid	Military Russian voices on a loop non amateurs S6	RE68XL	NZART	ZL2TZE	
14192		2015	03	DY	<1000>	1000-1915	F1B	50	200	RUS	Unid	RTTY Russian Navy QTH Kalingrad	RF72LQ	NZART	ZL2BAD	
21000		2015	03	DY	HX	HX	G7DE/F			?	Unid	HF Man Pack 1, 6, & 8 PSK	RF72LQ	NZART	ZL2BAD	
21000		2015	03	22	<0559>	0559	F1B	100	152	330	RUS	Unid	RTTY F1B 100 Baud, S3 QSB Military? T-219 voice scrambler USB transmissions	RF73MF	NZART	ZL1GWE
21005		2015	03	29	<0601>	0601	G7DF			?	Unid	HF Man Pack 8-PSK S1	RF73MF	NZART	ZL1GWE	
21013		2015	03	29	<0501>	0501	G7DF			?	Unid	HF Man Pack 8-PSK S1	RF73MF	NZART	ZL1GWE	
21036		2015	03	29	<0603>	0603	G7DF			?	Unid	HF Man Pack 8-PSK S1	RF73MF	NZART	ZL1GWE	
21049		2015	03	29	<0502>	0502	G7DF			?	Unid	HF Man Pack 8-PSK S1	RF73MF	NZART	ZL1GWE	
21056		2015	03	29	<0551>	0551	G7DF			?	Unid	HF Man Pack 8-PSK S1	RF73MF	NZART	ZL1GWE	
21057		2015	03	29	<0558>	0558	G7DF			?	Unid	HF Man Pack 8-PSK S1	RF73MF	NZART	ZL1GWE	
21064		2015	03	29	<0506>	0506	G7DF			?	Unid	HF Man Pack 8-PSK S1	RF73MF	NZART	ZL1GWE	
21068		2015	03	29	<0601>	0601	G7DF			?	Unid	HF Man Pack 8-PSK S1	RF73MF	NZART	ZL1GWE	
21072		2015	03	29	<0615>	0615	G7DF			?	Unid	HF Man pack 8-PSK S1	RF73MF	NZART	ZL1GWE	
21075		2015	03	29	<0501>	0501	G7DF			?	Unid	HF Man Pack 8-PSK S1	RF73MF	NZART	ZL1GWE	
21110		2015	03	29	<0600>	0600	G7DF			?	Unid	HF Man Pack 8-PSK S1	RF73MF	NZART	ZL1GWE	
21150	20	2015	03	14	<0708>	0708	P0N			CYP	Unid	OTHR 50 pps S7 continuous	RF73MF	NZART	ZL1GWE	
21200	10	2015	03	DY	HX	HX	P0N			?	Unid	OTHR HFSWR 7 pps	RF72LQ	NZART	ZL2BAD	
21202	20	2015	03	30	<0314>	314	P0N			?	Unid	OTHR HFSWR 7 pps	RF72LQ	NZART	ZL2BAD	
21205	40	2015	03	06	<0115>	0115-0150	P0N			?	Unid	OTHR HFSWR 18 secs on @ 7 pps	RF72LQ	NZART	ZL2BAD	
21208	10	2015	03	DY	HX	HX	P0N			?	Unid	OTHR Continuous 50 pps Closed @ 0709	RF72LQ	NZART	ZL2BAD	
21210	20	2015	03	23	<0700>	\0700\	P0N			?	Unid	OTHR HFSWR 20 wide, 7 pps	RF72LQ	NZART	ZL2BAD	
21215	10	2015	03	DY	HX	HX	P0N			?	Unid	OTHR Continuous 160 k wide. (closed @ 0030)	RF72LQ	NZART	ZL2BAD	
21217	10	2015	03	DY	HX	HX	P0N			?	Unid	OTHR Continuous 50 pps Closed @ 0226	RF72LQ	NZART	ZL2BAD	
21222	10	2015	03	DY	HX	HX	P0N			?	Unid	OTHR HFSWR 18 secs on @ 7 pps	RF72LQ	NZART	ZL2BAD	
21225	10	2015	03	DY	HX	HX	P0N			?	Unid	OTHR HFSWR 18 secs on @ 7 pps	RF72LQ	NZART	ZL2BAD	
21225	30	2015	03	19	<0335>	0335-0355	P0N			?	Unid	OTHR Continuous 40 pps	RF72LQ	NZART	ZL2BAD	
21227	10	2015	03	DY	HX	HX	P0N			?	Unid	OTHR HFSWR 18 secs on @ 7 pps	RF72LQ	NZART	ZL2BAD	
21230	10	2015	03	DY	HX	HX	P0N			?	Unid	OTHR HFSWR 18 secs on @ 7 pps	RF72LQ	NZART	ZL2BAD	

21232	10	2015	03	DY	HX	HX	P0N	?	Unid	OTHR HFSWR 18 secs on @ 7 pps	RF72LQ	NZART	ZL2BAD
21233	10	2015	03	DY	HX	HX	P0N	?	Unid	OTHR HFSWR 18 secs on @ 7 pps	RF72LQ	NZART	ZL2BAD
21235	10	2015	03	DY	HX	HX	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL2BAD
21235	40	2015	03	16	<0410>	0410	P0N	?	Unid	OTHR Continuous with 5 secs breaks. Shited to 21190. 110 pps	RF72LQ	NZART	ZL2BAD
21240	10	2015	03	DY	HX	HX	P0N	?	Unid	OTHR HFSWR 18 secs on @ 7 pps	RF72LQ	NZART	ZL2BAD
21248	20	2015	03	DY	HX	HX	P0N	?	Unid	OTHR HFSWR 18 secs on @ 7 pps	RF72LQ	NZART	ZL2BAD
21250	10	2015	03	DY	HX	HX	P0N	?	Unid	OTHR HFSWR 18 secs on @ 7 pps	RF72LQ	NZART	ZL2BAD
21250	10	2015	03	30	<0340>	0340	P0N	?	Unid	OTHR 3.8 secs every 30 secs 70 pps	RF72LQ	NZART	ZL2BAD
21255	10	2015	03	DY	HX	HX	P0N	?	Unid	OTHR HFSWR 18 secs on @ 7 pps	RF72LQ	NZART	ZL2BAD
21255	20	2015	03	12	<0552>	0552	P0N	CYP	Unid	OTHR S5 continuous 25 pps	RE68XL	NZART	ZL2TZE
21257	10	2015	03	DY	HX	HX	P0N	?	Unid	OTHR 3.8 secs every 30 secs 70 pps	RF72LQ	NZART	ZL2BAD
21265	10	2015	03	DY	HX	HX	P0N	?	Unid	OTHR HFSWR 18 secs on @ 7 pps	RF72LQ	NZART	ZL2BAD
21260	10	2015	03	DY	HX	HX	P0N	?	Unid	OTHR HFSWR 18 secs on @ 7 pps	RF72LQ	NZART	ZL2BAD
21260	10	2015	03	30	<0335>	0335	P0N	?	Unid	OTHR 3.8 secs every 30 secs 70 pps	RF72LQ	NZART	ZL2BAD
21270	10	2015	03	DY	HX	HX	P0N	?	Unid	OTHR HFSWR 18 secs on @ 7 pps	RF72LQ	NZART	ZL2BAD
21272	10	2015	03	DY	HX	HX	P0N	?	Unid	OTHR HFSWR 18 secs on @ 7 pps	RF72LQ	NZART	ZL2BAD
21275	10	2015	03	DY	HX	HX	P0N	?	Unid	Groups Of 4 every 20 secs. 50 pps Each of group 1.3 secs long	RF72LQ	NZART	ZL2BAD
21280	10	2015	03	30	<0340>	0340	P0N	?	Unid	OTHR 3.8 secs every 30 secs 70 pps	RF72LQ	NZART	ZL2BAD
21285	10	2015	03	03	<0600>	0600	P0N	?	Unid	OTHR 30 secs on 20 secs off 50 pps	RF72LQ	NZART	ZL2BAD
21285	10	2015	03	13	<2220>	2220	P0N	?	Unid	OTHR 1.5 secs every 15 secs 50 pps	RF72LQ	NZART	ZL2BAD
21285	20	2015	03	15	<0615>	0615	P0N	?	Unid	OTHR Continuous 50 pps	RF72LQ	NZART	ZL2BAD
21290	40	2015	03	06	<0122>	0122	P0N	?	Unid	OTHR Continuous 110 pps	RF72LQ	NZART	ZL2BAD
21290	15	2015	03	11	<2355>	2355	P0N	?	Unid	OTHR 5 secs every 40 secs 50 pps	RF72LQ	NZART	ZL2BAD
21290	160	2015	03	09	<0315>	0315-0450	P0N	?	Unid	OTHR 30 secs 0n 20 secs off 50 pps	RF72LQ	NZART	ZL2BAD
21290	20	2015	03	15	<0716>	0716	P0N	CYP	Unid	OTHR S4 Continuous 50 pps	RF73MF	NZART	ZL1GWE

21293	10	2015	03	24	<0640>	0640	P0N	?	Unid	OTHR 3.8 secs every 30 secs 70 pps	RF72LQ	NZART	ZL2BAD
21295	40	2015	03	06	<0110>	0110	P0N	?	Unid	OTHR 3.8 secs every 30 secs 70 pps	RF72LQ	NZART	ZL2BAD
21295	15	2015	03	12	<0001>	0001	P0N	?	Unid	OTHR 5secs every 30 secs 50 pps	RF72LQ	NZART	ZL2BAD
21295	50	2015	03	14	<0400>	0400	P0N	?	Unid	OTHR Continuous	RF72LQ	NZART	ZL2BAD
21296	10	2015	03	DY	HX	HX	P0N	?	Unid	OTHR Continuous 60 pps	RF72LQ	NZART	ZL2BAD
21300	20	2015	03	14	<0725>	0725	P0N	?	Unid	OTHR Continuous - OTHR Cyprus	RF72LQ	NZART	ZL2BAD
21300	20	2015	03	14	<0708>	0708-0733	P0N	?	Unid	OTHR Cyprus S6 Continous 50 pps	RF73MF	NZART	ZI1GWE
21305	20	2015	03	06	<0655>	0655	P0N	?	Unid	OTHR 3.8 every 40 secs 70 pps	RF72LQ	NZART	ZL2BAD
21310	10	2015	03	11	<0600	0600	P0N	?	Unid	OTHR Gps of 3 pulses ever 2 mins. 60 pps	RF72LQ	NZART	ZL2BAD
21345		2015	03	29	<0604.	0604	G7DF	Unid	Unid	HF Man pack 8-PSK S1	RF73MF	NZART	ZL1GWE
21365	40	2015	03	06	<0110>	0110	P0N	?	Unid	OTHR 5 secs every 30 secs 50 pps	RF72LQ	NZART	ZL2BAD
21372	10	2015	03	06	<0410>	0410	P0N	?	Unid	OTHR Continuous	RF72LQ	NZART	ZL2BAD
21378	10	2015	03	24	<0640>	0640	P0N	?	Unid	OTHR 3.8 secs every 30 secs 70 pps	RF72LQ	NZART	ZL2BAD
21380	160	2015	03	03	<0605>	0605	P0N	?	Unid	OTHR 5 every 10 secs (closed @ 0215)	RF72LQ	NZART	ZL2BAD
21390	15	2015	03	11	<2355>	2355	P0N	?	Unid	OTHR 5 secs every 40 secs 50 pps	RF72LQ	NZART	ZL2BAD
21395	15	2015	03	12	<0001>	0001	P0N	?	Unid	OTHR 5 secs every 30 secs 50 pps	RF72LQ	NZART	ZL2BAD
21398	10	2015	03	06	<0640>	0640	P0N	?	Unid	OTHR Continuous	RF72LQ	NZART	ZL2BAD
21410	20	2015	03	05	<0645>	0645	P0N	?	Unid	OTHR 3 secs every 20 secs 50 pps	RF72LQ	NZART	ZL2BAD
21430	10	2015	03	22	<0001>	0001	P0N	?	Unid	OTHR 5.2 secs every 40 secs 50 pps	RF72LQ	NZART	ZL2BAD
21430		2015	03	29	<0455>	0455	G7DF	Unid	Unid	HF Man Pack 8-PSK S1	RF73MF	NZART	ZL1GWE
21441		2015	03	29	<0548>	0548	G7DF	Unid	Unid	HF Man Pack 8-PSK S1	RF73MF	NZART	ZL1GWE
21442	20	2015	03	09	<0455>	0455>	P0N	?	Unid	OTHR 2.5 secs with 3.5 secs in between 50 pps (shifted to 20975 @ 0509)	RF72LQ	NZART	ZL2BAD
21442		2015	03	29	<0455>	0455	G7DF	Unid	Unid	HF Man Pack 8-PSK S1	RF73MF	NZART	ZL1GWE
24900		2015	03	DY	HX	HX	G7DE/F	?	Unid	HF Man Pack 1 6 & 8 PSK	RF72LQ	NZART	ZL2BAD
24900	10	2015	03	22	<2345>	2345	P0N	?	Unid	OTHR 5.8 secs every 30 secs 50 pps	RF72LQ	NZART	ZL2BAD
24900	10	2015	03	23	<0010>	0010-0105	P0N	?	Unid	OTHR 5.8 secs every 30 secs 50 pps	RF72LQ	NZART	ZL2BAD
24928	10	2015	03	06	<0345>	0345	P0N	?	Unid	OTHR HFSWR for 30 secs. 7 pps	RF72LQ	NZART	ZL2BAD
24940	10	2015	03	05	<0255>	0255	P0N	?	Unid	OTHR HFSWR for 30 secs. 7 pps	RF72LQ	NZART	ZL2BAD

24965	10	2015	03	06	<0346>	0346	P0N		?	Unid	OTHR Continuous 50 pps	RF72LQ	NZART	ZL2BAD
24965	10	2015	03	26	<0510>	0510	P0N		?	Unid	OTHR 6 secs every 5 secs 50 pps	RF72LQ	NZART	ZL2BAD
24975	40	2015	03	11	<0610>	0610	P0N		?	Unid	OTHR Continuous 50 pps	RF72LQ	NZART	ZL2BAD
24950	10	2015	03	23	<0010>	0010-0105	P0N		?	Unid	OTHR 5.2 secs every 30 secs 50 pps	RF72LQ	NZART	ZL2BAD
28000		2015	03	DY	HX	HX	G7DE/F		?	Unid	HF Man Pack 1,6 & 8 PSK	RF72LQ	NZART	ZL2BAD
28070	25	2015	03	04	<0630>	0630	P0N		IRN	Unid	OTHR 870 and 307 pps 2 tones - OTHR Continuous	RF72LQ	NZART	ZL2BAD
28230	160	2015	03	11	<0305>	0305-0325	P0N		?	Unid	OTHR Continuous 110 pps	RF72LQ	NZART	ZL2BAD
28270	50	2015	03	02	<0305>	0305	P0N		IRN	Unid	OTHR 870 and 307 pps 2 tones - OTHR Continuous	RF72LQ	NZART	ZL2BAD
28270	50	2015	03	03	<0335>	0335	P0N		IRN	Unid	OTHR 870 and 307 pps 2 tones - OTHR Continuous	RF72LQ	NZART	ZL2BAD
28270	50	2015	03	04	<0300>	0300-0630	P0N		IRN	Unid	OTHR 870 and 307 pps 2 tones - OTHR Continuous	RF72LQ	NZART	ZL2BAD
28270	50	2015	03	05	<0255>	0255-0530	P0N		IRN	Unid	OTHR 870 and 307 pps 2 tones - OTHR Continuous	RF72LQ	NZART	ZL2BAD
28270	50	2015	03	06	<0345>	0345	P0N		IRN	Unid	OTHR 870 and 307 pps 2 tones - OTHR Continuous	RF72LQ	NZART	ZL2BAD
28270	50	2015	03	07	<0540>	0540	P0N		IRN	Unid	OTHR 870 and 307 pps 2 tones - OTHR Continuous	RF72LQ	NZART	ZL2BAD
28270	50	2015	02	08	<0340>	0340-0640	P0N		IRN	Unid	OTHR 870 and 307 pps 2 tones - OTHR Continuous	RF72LQ	NZART	ZL2BAD
28270	50	2015	03	09	<0455>	0455	P0N		IRN	Unid	OTHR 870 and 307 pps 2 tones - OTHR Continuous	RF72LQ	NZART	ZL2BAD
28270	50	2015	03	10	<0250>	0250-0730	P0N		IRN	Unid	OTHR Continuous 30 pps	RF72LQ	NZART	ZL2BAD
28450		2015	03	08	<1435>	1435	A3E		CHN	Unid	Non Amateurs Asian language playing Music S3	RE66IM	NZART	ZL3AB
28560		2015	03	22	<0642>	0642	G7DF	330	Unid	Unid	HF Man Pack 8-PSK S3	RF73MF	NZART	ZL1GWE
28590	50	2015	03	16	<0615>	0615	P0N		IRN	Unid	OTHR 870 and 307 pps 2 tones - OTHR Continuous	RF72LQ	NZART	ZL2BAD
28630	20	2015	03	22	<0631.	0631	P0N	330	CYP	Unid	OTHR Cyprus 25 pps S6 continuous	RF73MF	NZART	ZL1GWE
28650	50	2015	03	14	<0400>	0400	P0N		IRN	Unid	OTHR 870 and 307 pps 2 tones - OTHR Continuous	RF72LQ	NZART	ZL2BAD
28720	20	2015	03	20	<0640>	0640	P0N		?	Unid	OTHR Continuous 30 pps	RF72LQ	NZART	ZL2BAD
28875	50	2015	03	20	<0345>	0345-0645	P0N		IRN	Unid	OTHR 870 and 307 pps 2 tones - OTHR Continuous	RF72LQ	NZART	ZL2BAD
28875	50	2015	03	21	<0245>	0245	P0N		IRN	Unid	OTHR 870 and 307 pps 2 tones - OTHR Continuous	RF72LQ	NZART	ZL2BAD
28875	50	2015	03	22	<0455>	0455	P0N		IRN	Unid	OTHR 870 and 307 pps 2 tones - OTHR Continuous	RF72LQ	NZART	ZL2BAD
28875	50	2015	03	23	<0320>	0320	P0N		IRN	Unid	OTHR 870 and 307 pps 2 tones - OTHR Continuous	RF72LQ	NZART	ZL2BAD

28875	50	2015	03	24	<0350>	0350	P0N		IRN	Unid	OTHR 870 and 307 pps 2 tones - OTHR Continuous	RF72LQ	NZART	ZL2BAD
28875.5	66	2015	03	22	<0548>	0548	P0N	330	IRN	Unid	OTHR Iranian 868 pps S2 309 pps S4 continuous repeats	RF73MF	NZART	ZL1GWE
28925		2015	03	22	<0551>	0551	F3E	330	CHN	?	Non Amateurs FM S4 Chinese speaking	RF73MF	NZART	ZL1GWE
28950		2015	03	22	<0554>	0554	F3E	330	CHN	?	Non Amatgeurs FM S3 Chinese Speaking	RF73MF	NZART	ZL1GWE
29000		2015	03	22	<0552>	0552	F3E	330	CHN	?	Non Amateurs FM S3 Chinese speaking	RF73Mf	NZART	ZL1GWE
29110	50	2015	03	14	<0515>	0515	P0N		IRN	Unid	OTHR 870 and 307 pps 2 tones - OTHR Continuous	RF72LQ	NZART	ZL2BAD
29143	20	2015	03	25	<0625>	0625-0715	P0N		?	Unid	OTHR Continuous 50 pps	RF72LQ	NZART	ZL2BAD
29325	50	2015	03	14	<0635>	0635	P0N		IRN	Unid	OTHR 870 and 307 pps 2 tones - OTHR Continuous	RF72LQ	NZART	ZL2BAD