



INTERNATIONAL AMATEUR RADIO UNION

REGION THREE

MONITORING SYSTEM NEWS LETTER



January 2014

Peter Young VK3MV

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

This month there were 832 observations of intruders made across the Region as compared to December of 1027. Over the last couple of months there has been enhanced propagation in the higher HF bands that has seen increased numbers of intruders being reported.

NZART reports the arrival on 13996 kHz, of an OFDM -12 tone Military data system - spreading into lower 20 metre Spectrum. Also reported is the use of "man Pack" digital system on 7000 kHz spreading into 40 meters. Further reports would be of assistance.

OHR systems logged on 15 and 20 meters continuing again this month operating in the higher portion of the bands. There were a number of OHR systems operating on 18 and 10 meters. More details in the attached data report.

There is the continual illegal use of 10 meters for local short range communications in a number of Asian countries. More details are 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
3517.0		2014	1	15	1905		A1A						LETTER CIPHER	QG52xi	WIA	VK4TJ
3527.0	1	2014	1	24	1930		F1B		200				CONTINUOUS Non Amateurs Fishing Boats illegimate suspected	QG52xi	WIA	VK4TJ
3547		2014	01	27	0538	0634	J3E/U				NZL	Unid	"Michael" 8 SUBCARRIERS ON 200 HZ INTERVALS DOZENS OF SUBCARRIERS ON SMALL INTERVALS	RF73MF	NZART	ZL1GWE
3551.0	3	2014	1	27	1930		G7D							QG52xi	WIA	VK4TJ
3553.0	5	2014	1	24	1925		G7D							QG52xi	WIA	VK4TJ
3562.0	3	2014	1	27	1930		J3E/U						ASIAN	QG52xi	WIA	VK4TJ
3578.0	1	2014	1	2	1740		F1B		250				CONTINUOUS	QG52xi	WIA	VK4TJ
3585.0	3	2014	1	2	1735		J1C				JPN		FAX	QG52xi	WIA	VK4TJ
3602.0		2014	1	27	1935		A1A						DASHES	QG52xi	WIA	VK4TJ
3619.0	1	2014	1	27	1935		F1B		250				CONTINUOUS	QG52xi	WIA	VK4TJ
3623.0	3	2014	1	2	1735		J1C				JPN		FAX	QG52xi	WIA	VK4TJ
3658.0		2014	1	24	1925		A1A				RUS	V	Russian Navy CW Harbour Beacon	QG52xi	WIA	VK4TJ
3687.5	1	2014	1	2	1735		F1B						SELCALL TONES OTHR.	QG52xi	WIA	VK4TJ
3750.0	100	2014	1	31	1920		P0N						CONTINUOUS	QG52xi	WIA	VK4TJ
3772.0	1	2014	1	27	1940		F1B		250				CONTINUOUS	QG52xi	WIA	VK4TJ
3797.0		2014	1	2	1735		A1A					DRV8	CALLING H2FL	QG52xi	WIA	VK4TJ
3798	0.5	2014	01	02	10:46	19:46	A1A						repeat of " h2fl h2fl h2fl de drvz drvz v"	PM84UQ	JARL	
3798	0.5	2014	01	03	12:02	21:02	A1A						repeat of "h2fl h2fl h2fl de drvz drvz v"	PM84UQ	JARL	
3798	0.5	2014	01	03	12:47	21:47	A1A						repeat of "h2fl h2fl h2fl de drvz drvz v"	PM84UQ	JARL	
3798	0.5	2014	01	05	12:40	21:40	A1A						repeat of "h2fl h2fl h2fl de drvz drvz v"	PM84UQ	JARL	
3798	0.5	2014	01	06	12:18	21:18	A1A						repeat of "h2fl h2fl h2fl de drvz drvz v"	PM84UQ	JARL	
3798	0.5	2014	01	08	12:06	21:06	A1A						repeat of "h2fl h2fl h2fl de drvz drvz v"	PM84UQ	JARL	
3798	0.5	2014	01	09	12:08	20:08	A1A						repeat of "h2fl h2fl h2fl de drvz drvz v"	PM84UQ	JARL	
3798	0.5	2014	01	10	13:04	22:04	A1A						repeat of "h2fl h2fl h2fl de drvz drvz v"	PM84UQ	JARL	
3798	0.5	2014	01	12	10:47	19:47	A1A						repeat of "h2fl h2fl h2fl de drvz drvz v"	PM84UQ	JARL	
3798	0.5	2014	01	13	11:15	20:15	A1A						repeat of "h2fl h2fl h2fl de drvz drvz v"	PM84UQ	JARL	
3798	0.5	2015	01	15	11:00	21:29	A1A						repeat of "h2fl h2fl h2fl de drvz drvz v"	PM84UQ	JARL	

3798	0.5	2014	01	17	10:58	19:58	A1A			repeat of "h2fl h2fl h2fl de drvz drvz V"	PM84UQ	JARL	
3798	0.5	2014	01	18	12:06	21:06	A1A			repeat of " h2fl h2fl h2fl de drvz drvz v "	PM84UQ	JARL	
3798	0.5	2014	01	21	11:03	20:03	A1A			repeat of "h2fl h2fl h2fl de drvz drvz v "	PM84UQ	JARL	
3798	0.5	2014	01	23	11:56	20:56	A1A			repeat of "h2fl h2fl h2fl de drvz drvz v repeat of "h2fl h2fl h2fl de drvz drvz v "	PM84UQ	JARL	
3798	0.5	2014	01	24	13:59	22:59	A1A			repeat of "h2fl h2fl h2fl de drvz drvz v"	PM84UQ	JARL	
3798	0.5	2014	01	29	13:16	22:16	A1A			repeat of "h2fl h2fl h2fl de drvz drvz v"	PM84UQ	JARL	
3798	0.5	2014	01	31	10:33	19:33	A1A			repeat of "h2fl h2fl h2fl de drvz drvz v"	PM84UQ	JARL	
3800.0	100	2014	1	24	1920		P0N			DAILY, OTHR,	QG52xi	WIA	VK4TJ
6970.0	100	2014	1	1	2025		P0N			CONTINUOUS DAILY, OTHR, CONTINUOUS	QG52xi	WIA	Spreading into lower portion of 40 meter band.
7000.0	3	2014	1	4	0815		J3E/U	INS		DAILY, VILLAGE	QG52xi	WIA	VK4TJ
7000		2014	01	02		<1515- 1530>	J3E/L	INS	UNID	INDONESIAN NON AMATEURS WITH CHATTER, LAUGHING, PRAYERS	MK82	ARSI	
7000		2014	01	17		<0215- 0225>	J3E/U	CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY - 2 OM Non-Hams, mainly Spanish & Indonesian Languages - when OTHR is not on.	MK82	ARSI	
7000		2014	01	DY	HX	HX	J3E/L	?	Unid	HF Man Packs 1	RF72LQ	NZART	ZL1BAD
7000		2014	01	DY	HX	HX	G7DE/F	?	Unid	PSK & 8 PSK	RF72LQ	NZART	ZL1BAD
7001.5	3	2014	1	24	1940		J3E/U			ASIAN	QG52xi	WIA	VK4TJ
7005.0	3	2014	1	11	0915		J3E/L	INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7005.0	3	2014	1	4	0815		J3E/U	INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7010.0	3	2014	1	6	0935		J3E/L	INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7010.0	3	2014	1	4	0815		J3E/U	INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ

7010		2014	01	20		<0315-0325>	J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
7010		2014	01	28	<1825>	1825	P0N		CHN	Unid	OTHR Out of Band spreading to 7010 DAILY, VILLAGE RADIO	RF72LQ	NZART	ZL1BAD
7015.0	3	2014	1	2	1740		J3E/L		INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7015.0	3	2014	1	11	0915		J3E/U		INS		RADIO	QG52xi	WIA	VK4TJ
7016		2014	01	06		<0240-0245>	J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
7016		2014	01	06		<0150-0200>	J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
7017		2014	01	09		<0210-0225>	J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
7017		2014	01	15		<2140-2150>	J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
7018.0	5	2014	1	15	1920		G7D				20 SUBCARRIERS ON APPROX 40 HZ INTERVALS	QG52xi	WIA	VK4TJ
7018		2014	01	24		<0030-0040>	J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
7020.0	5	2014	1	31	1145		G7D				8 SUBCARRIERS ON 200 HZ INTERVALS	QG52xi	WIA	VK4TJ
7020.0	5	2014	1	31	1920		G7DF				HF MANPACK DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7020.0	3	2014	1	2	1740		J3E/L		INS		RADIO	QG52xi	WIA	VK4TJ
7020		2014	01	02		<1515-1530>	J3E/L		INS	UNID	INDONESIAN NON AMATEURS WITH CHATTER,	MK82	ARSI	

										LAUGHING, PRAYERS			
7021.0	1	2014	1	31	1920		F1B			ALE	QG52xi	WIA	VK4TJ
7021.0	3	2014	1	23	0855		J3E/U			ASIAN	QG52xi	WIA	VK4TJ
7021		2014	01	29		<0230- 0240>	J3E/U	CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
7023.1	3	2014	1	20	1005		J3E/U			ASIAN	QG52xi	WIA	VK4TJ
7025.0	3	2014	1	9	0935		J3E/L	INS		DAILY, VILLAGE	QG52xi	WIA	VK4TJ
7025		2014	01	06		<0250- 0300>	J3E/U	CLN	UNID	RADIO SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
7025		2014	01	08		<0214- 0218>	J3E/L	CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
7030.0	3	2014	1	18	1005		J3E/L	INS		DAILY, VILLAGE	QG52xi	WIA	VK4TJ
7030.0	3	2014	1	11	0915		J3E/U	INS		RADIO	QG52xi	WIA	VK4TJ
7030		2014	01	02		<1515- 1530>	J3E/L	INS	UNID	INDONESIAN NON AMATEURS WITH CHATTER, LAUGHING, PRAYERS	MK82	ARSI	
7035		2014	01	13		<0250- 0300>	J3E/U	CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
7038.7		2014	1	2	1730		A1A	RUS	D	DAILY, HARBOUR BEACON	QG52xi	WIA	VK4TJ
7038.8		2014	1	2	1730		A1A	RUS	P	DAILY, HARBOUR BEACON	QG52xi	WIA	VK4TJ
7038.8		2014	01	09		<2250- 2300>	A1A	RUS	D, P	RUSSIAN SINGLE LETTER BEACONS “D”, “P”	MK82	ARSI	
7038.8		2014	01	13		<2130- 2140>	A1A	RUS	D, P	RUSSIAN SINGLE LETTER BEACONS “D”, “P”	MK82	ARSI	
7038.9		2014	1	16	2010		A1A	RUS	S	DAILY, HARBOUR BEACON	QG52xi	WIA	VK4TJ
7039		2014	01	DY	<0330>	0330-2200	A1A	RUS	M	Magadan - beacon M RTS	RF72LQ	NZART	ZL1BAD

7039		2014	01	DY	<0330>	0330-2200	A1A		RUS	F	Vladivostok - beacon F RJS	RF72LQ	NZART	ZL1BAD
7039		2014	01	DY	<0330>	0330-2200	A1A		RUS	P	Kaliningrad - beacon P RMP	RF72LQ	NZART	ZL1BAD
7039		2014	01	DY	<0330>	0330-2200	A1A		RUS	K	Petropavlovsk - beacon K RCC	RF72LQ	NZART	ZL1BAD
7039	0.5	2014	01	01	0810	H24	A1A	15	RUS	M--signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	01	01	2020	H24	A1A	15	RUS	M--signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	01	01	2240	H24	A1A	15	RUS	M--signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	01	02	0830	H24	A1A	15	RUS	M--signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	01	02	2306	H24	A1A	15	RUS	M--signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	01	03	0840	H24	A1A	15	RUS	M--signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	01	03	2030	H24	A1A	15	RUS	M--signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	01	03	2306	H24	A1A	15	RUS	M--signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	01	04	0840	H24	A1A	15	RUS	M--signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	01	04	2020	H24	A1A	15	RUS	M--signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	01	04	2240	H24	A1A	15	RUS	M--signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	01	05	0750	H24	A1A	15	RUS	M--signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	01	05	1910	H24	A1A	15	RUS	M--signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	01	05	2306	H24	A1A	15	RUS	M--signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	01	06	0810	H24	A1A	15	RUS	M--signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	01	06	1850	H24	A1A	15	RUS	M--signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	01	06	2218	H24	A1A	15	RUS	M--signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	01	07	0820	H24	A1A	15	RUS	M--signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	01	07	1830	H24	A1A	15	RUS	M--signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	01	07	2234	H24	A1A	15	RUS	M--signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	01	08	0840	H24	A1A	15	RUS	M--signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	01	08	2050	H24	A1A	15	RUS	M--signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	01	08	2210	H24	A1A	15	RUS	M--signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	01	09	1850	H24	A1A	15	RUS	M--signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	01	10	2050	H24	A1A	15	RUS	M--signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	01	10	2210	H24	A1A	15	RUS	M--signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	01	11	2046	H24	A1A	15	RUS	M--signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	01	11	2240	H24	A1A	15	RUS	M--signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	01	12	2130	H24	A1A	15	RUS	M--signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	01	12	2310	H24	A1A	15	RUS	M--signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	01	13	2120	H24	A1A	15	RUS	M--signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	01	13	2220	H24	A1A	15	RUS	M--signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	01	14	2040	H24	A1A	15	RUS	M--signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	01	14	2210	H24	A1A	15	RUS	M--signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	01	15	0810	H24	A1A	15	RUS	M--signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	01	15	1820	H24	A1A	15	RUS	M--signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	01	15	2214	H24	A1A	15	RUS	M--signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	01	16	0810	H24	A1A	15	RUS	M--signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	01	16	1940	H24	A1A	15	RUS	M--signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	01	16	2210	H24	A1A	15	RUS	M--signal	Beacon	PM 97	JARL	Magadan

7039	0.5	2014	01	17	0830	H24	A1A	15	RUS	M--signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	01	17	1820	H24	A1A	15	RUS	M--signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	01	17	2220	H24	A1A	15	RUS	M--signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	01	18	0830	H24	A1A	15	RUS	M--signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	01	18	1840	H24	A1A	15	RUS	M--signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	01	18	2234	H24	A1A	15	RUS	M--signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	01	19	0810	H24	A1A	15	RUS	M--signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	01	19	1830	H24	A1A	15	RUS	M--signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	01	19	2210	H24	A1A	15	RUS	M--signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	01	20	0840	H24	A1A	15	RUS	M--signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	01	20	1610	H24	A1A	15	RUS	M--signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	01	20	1950	H24	A1A	15	RUS	M--signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	01	20	2220	H24	A1A	15	RUS	M--signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	01	21	0820	H24	A1A	15	RUS	M--signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	01	21	1210	H24	A1A	15	RUS	M--signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	01	21	1720	H24	A1A	15	RUS	M--signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	01	21	1916	H24	A1A	15	RUS	M--signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	01	21	2224	H24	A1A	15	RUS	M--signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	01	22	0820	H24	A1A	15	RUS	M--signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	01	22	1640	H24	A1A	15	RUS	M--signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	01	22	1820	H24	A1A	15	RUS	M--signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	01	22	2220	H24	A1A	15	RUS	M--signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	01	23	0810	H24	A1A	15	RUS	M--signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	01	23	1810	H24	A1A	15	RUS	M--signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	01	23	2030	H24	A1A	15	RUS	M--signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	01	23	2220	H24	A1A	15	RUS	M--signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	01	24	0810	H24	A1A	15	RUS	M--signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	01	24	1206	H24	A1A	15	RUS	M--signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	01	24	1840	H24	A1A	15	RUS	M--signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	01	24	2220	H24	A1A	15	RUS	M--signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	01	25	0820	H24	A1A	15	RUS	M--signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	01	25	1950	H24	A1A	15	RUS	M--signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	01	25	2214	H24	A1A	15	RUS	M--signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	01	26	0920	H24	A1A	15	RUS	M--signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	01	26	1220	H24	A1A	15	RUS	M--signal	Beacon	PM 97	JARL	Magadan

7039	0.5	2014	01	29	0830	H24	A1A	321	RUS	F--signal	Beacon	PM 97	JARL	Vladivostok
7039	0.5	2014	01	29	1210	H24	A1A	321	RUS	F--signal	Beacon	PM 97	JARL	Vladivostok
7039	0.5	2014	01	29	1830	H24	A1A	321	RUS	F--signal	Beacon	PM 97	JARL	Vladivostok
7039	0.5	2014	01	29	1834	H24	A1A	15	RUS	M--signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	01	29	2216	H24	A1A	321	RUS	F--signal	Beacon	PM 97	JARL	Vladivostok
7039	0.5	2014	01	29	2218	H24	A1A	15	RUS	M--signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	01	30	0810	H24	A1A	321	RUS	F--signal	Beacon	PM 97	JARL	Vladivostok
7039	0.5	2014	01	30	0812	H24	A1A	15	RUS	M--signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	01	30	1206	H24	A1A	321	RUS	F--signal	Beacon	PM 97	JARL	Vladivostok
7039	0.5	2014	01	30	1208	H24	A1A	15	RUS	M--signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	01	30	1610	H24	A1A	15	RUS	M--signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	01	30	1830	H24	A1A	15	RUS	M--signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	01	30	2210	H24	A1A	321	RUS	F--signal	Beacon	PM 97	JARL	Vladivostok
7039	0.5	2014	01	30	2212	H24	A1A	15	RUS	M--signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	01	31	0820	H24	A1A	321	RUS	F--signal	Beacon	PM 97	JARL	Vladivostok
7039	0.5	2014	01	31	0830	H24	A1A	15	RUS	M--signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	01	31	1940	H24	A1A	15	RUS	M--signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	01	31	2216	H24	A1A	321	RUS	F--signal	Beacon	PM 97	JARL	Vladivostok
7039	0.5	2014	01	31	2220	H24	A1A	15	RUS	M--signal	Beacon	PM 97	JARL	Magadan
7039.2		2014	1	29	1930		A1A		RUS	F	DAILY, HARBOUR BEACON	QG52xi	WIA	VK4TJ
7039.2		2014	1	11	1930		A1A		RUS	K	DAILY, HARBOUR BEACON	QG52xi	WIA	VK4TJ
7039.3		2014	1	2	1730		A1A		RUS	M	DAILY, HARBOUR BEACON	QG52xi	WIA	VK4TJ
7039.3		2014	01	DY	<0330>	0330-2200	A1A		RUS	S	Severomorsk beacon S RIT	RF72LQ	NZART	ZL1BAD
7039.4		2014	01	DY	<0330>	0330-2200	A1A		RUS	C	Moscow beacon C RIW	RF72LQ	NZART	ZL1BAD
7039.9		2014	01	DY	<0330>	0330-2200	A1A		RUS	A	Astrakhan - No call sign Beacon A	RF72LQ	NZART	ZL1BAD
7040.0	5	2014	1	30	2000		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
7040		2014	01	20		<0315-0325>	J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY - 2 OM	MK82	ARSI	
7040	0.5	2014	01	02	10:48	19:48	A1A				train of " M "	PM84UQ	JARL	
7040	0.5	2014	01	03	12:04	21:04	A1A				train of " M "	PM84UQ	JARL	
7040	0.5	2014	01	06	12:22	21:22	A1A				train of " M "	PM84UQ	JARL	
7040	0.5	2014	01	10	13:06	22:06	A1A				train of " M "	PM84UQ	JARL	
7040	0.5	2014	01	12	10:40	19:40	A1A		####		train of " M " , " K "	PM84UQ	JARL	
7040	0.5	2014	01	12	23:25	08:25	A1A				train of " M "	PM84UQ	JARL	
7040	0.5	2014	01	13	11:18	20:18	A1A				train of " M "	PM84UQ	JARL	
7040	0.5	2014	01	15	11:30	21:30	A1A				train of " M " , " K "	PM84UQ	JARL	
7040	0.5	2014	01	17	10:59	19:59	A1A				train of " M "	PM84UQ	JARL	
7040	0.5	2014	01	21	11:04	20:04	A1A				train of " M "	PM84UQ	JARL	

7040	0.5	2014	01	23	11:59	20:59	A1A					train of "M"	PM84UQ	JARL	
7040	0.5	2014	01	29	13:18	22:18	A1A					train of " M " , " F "	PM84UQ	JARL	
7040	0.5	2014	01	31	10:35	19:35	A1A					train of " M "	PM84UQ	JARL	
7050		2014	01	29		<0220-0230>	J3E/U		CLN		UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
7065	3	2014	01	27	1816		H24	non	non		non	white noise	PM 97	JARL	non
7070.0	20	2014	1	30	2000		P0N					OTHR, BURSTS	QG52xi	WIA	VK4TJ
7070.0	40	2014	1	11	1935		VXX					CODAR	QG52xi	WIA	VK4TJ
7080.0	20	2014	1	23	2020		P0N					OTHR, BURSTS MIXED	QG52xi	WIA	VK4TJ
7085.0		2014	1	31	1150		A1A					NUMBER/LETTER CIPHER	QG52xi	WIA	VK4TJ
7090.0	5	2014	1	27	1940		G7DF					HF MANPACK	QG52xi	WIA	VK4TJ
7092.0		2014	1	8	1005		A1A					NUMBER CIPHER	QG52xi	WIA	VK4TJ
7093.0	3	2014	1	27	1945		G1D					IDLING, WITH BEEP TONE	QG52xi	WIA	VK4TJ
7095.3		2014	1	16	2010		A1A				E	BEACON?	QG52xi	WIA	VK4TJ
7102.0	1	2014	1	18	1010		F1B	200					QG52xi	WIA	VK4TJ
7102.0	1	2014	1	18	1010		F1B					ALE	QG52xi	WIA	VK4TJ
7114.5	3	2014	1	22	1945		J3E/U					ASIAN, NOT CHINESE MIXED	QG52xi	WIA	VK4TJ
7116.0		2014	1	18	1020		A1A					NUMBER/LETTER CIPHER	QG52xi	WIA	VK4TJ
7117.0	1	2014	1	30	1145		F1B	200				CONTINUOUS MIXED	QG52xi	WIA	VK4TJ
7119.0		2014	1	31	1150		A1A					NUMBER/LETTER CIPHER	QG52xi	WIA	VK4TJ
7120.0	8	2014	1	2	1730		A3E		SOM			RADIO HARGEISA POSSIBLY	QG52xi	WIA	VK4TJ
7120.0	5	2014	1	23	0900		G1D					SWEEPING A FIXED RANGE	QG52xi	WIA	VK4TJ
7120.0	100	2014	1	2	1730		P0N					OTHR, CONTINUOUS Broadcast station	QG52xi	WIA	VK4TJ
7120		2014	01	19	<1700>	1700-1845	A3E		SOM	Radio Hargaysa		S9 -73dbm	RF72LQ	NZART	ZL1BAD
7120	3.3	2014	01	17	<0855>	0855	M7B		?	Unid		Multi-chnl	RF72LQ	NZART	ZL1BAD
7124		2014	01	17	<0845>	0845	XXX		?	Unid		Unknown system	RF72LQ	NZART	ZL1BAD
7132.0	3	2014	1	8	1005		J3E/U					ASIAN	QG52xi	WIA	VK4TJ
7140.0	20	2014	1	2	1745		P0N					OTHR, BURSTS	QG52xi	WIA	VK4TJ
7140.0	40	2014	1	2	1745		VXX					CODAR	QG52xi	WIA	VK4TJ
7149		2014	01	29		<0225-0235>	J3E/U		CLN		UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA	MK82	ARSI	

											LANGUAGE ONLY - 2 OM			
7150.0	20	2014	1	16	2005		P0N				OTHR, BURSTS	QG52xi	WIA	VK4TJ
7155.0	3	2014	1	2	1745		J3E/U				ASIAN CONTEMPORARY MUSIC	QG52xi	WIA	VK4TJ
7165.4	3	2014	1	27	1945		G1D				IDLING, PULSED	QG52xi	WIA	VK4TJ
7166.0		2014	1	15	1920		A1A				LETTER CIPHER	QG52xi	WIA	VK4TJ
7166.6	3	2014	1	18	1950		J3E/U				ASIAN	QG52xi	WIA	VK4TJ
7170.0	50	2014	1	8	1010		P0N				OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
7173.5	3	2014	1	18	1015		J3E/U		PHI		TAGALOG SPEAKERS	QG52xi	WIA	VK4TJ
7175.0	8	2014	1	28	2000		A3E				SW BROADCAST, ASIAN MUSIC	QG52xi	WIA	VK4TJ
7175.0	5	2014	1	27	1945		G7D				100'S OF SUBCARRIERS VERY CLOSE SPACED	QG52xi	WIA	VK4TJ
7184	20	2014	01	17	<1145>	1145	P0N		?	Unid	OTHR 50 pps Continuous	RF72LQ	NZART	ZL1BAD
7190.0	5	2014	1	25	1955		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
7193.4	3	2014	1	23	2020		J3E/U				DAILY, ASIAN, FISHBOATS, ENGINE NOISE	QG52xi	WIA	VK4TJ
7195.0	8	2014	1	28	2024		A3E				SW BROADCAST	QG52xi	WIA	VK4TJ
7196.5	5	2014	1	18	1015		G1D				BROAD PSK	QG52xi	WIA	VK4TJ
7197.0	1	2014	1	2	2040		F1B				SELCALL TONES	QG52xi	WIA	VK4TJ
7200.0	3	2014	1	15	1920		F1B				ALE	QG52xi	WIA	VK4TJ
7200	5	2014	01	01	2228	H24	A3E	non	CHN	non	Chinese talk and music	PM 97	JARL	non
7200	3	2014	01	01	2234	H24	A3E	non	CHN	non	Chinese talk and music	PM 97	JARL	non
7200	5	2014	01	01	2258	H24	A3E	non	CHN	non	Chinese talk and music	PM 97	JARL	non
7200	5	2014	01	02	2210	H24	A3E	non	CHN	non	23:00 UTC Time signal 5+1 on time Chinese talk and music	PM 97	JARL	non
7200	3	2014	01	02	2214	H24	A3E	non	CHN	non	Chinese talk and music	PM 97	JARL	non
7200	5	2014	01	02	2258	H24	A3E	non	CHN	non	Chinese talk and music	PM 97	JARL	non
7200	5	2014	01	03	2220	H24	A3E	non	CHN	non	23:00 UTC Time signal 5+1 on time Chinese talk and music	PM 97	JARL	non
7200	3	2014	01	03	2224	H24	A3E	non	CHN	non	Chinese talk and music	PM 97	JARL	non
7200	5	2014	01	03	2258	H24	A3E	non	CHN	non	Chinese talk and music	PM 97	JARL	non

signal 5+1 on time

7200	5	2014	01	04	2230	H24	A3E	non	CHN	non	Chinese talk and music	PM 97	JARL	non
7200	3	2014	01	04	2234	H24	A3E	non	CHN	non	Chinese talk and music	PM 97	JARL	non
7200	5	2014	01	04	2258	H24	A3E	non	CHN	non	Chinese talk and music	PM 97	JARL	non
7200	5	2014	01	05	2220	H24	A3E	non	CHN	non	23:00 UTC Time signal 5+1 on time	PM 97	JARL	non
7200	3	2014	01	05	2224	H24	A3E	non	CHN	non	Chinese talk and music	PM 97	JARL	non
7200	5	2014	01	05	2258	H24	A3E	non	CHN	non	Chinese talk and music	PM 97	JARL	non
7200	5	2014	01	06	2210	H24	A3E	non	CHN	non	23:00 UTC Time signal 5+1 on time	PM 97	JARL	non
7200	3	2014	01	06	2214	H24	A3E	non	CHN	non	Chinese talk and music	PM 97	JARL	non
7200	5	2014	01	06	2258	H24	A3E	non	CHN	non	Chinese talk and music	PM 97	JARL	non
7200	5	2014	01	07	2226	H24	A3E	non	CHN	non	23:00 UTC Time signal 5+1 on time	PM 97	JARL	non
7200	3	2014	01	07	2230	H24	A3E	non	CHN	non	Chinese talk and music	PM 97	JARL	non
7200	5	2014	01	07	2258	H24	A3E	non	CHN	non	Chinese talk and music	PM 97	JARL	non
7200	1	2014	01	08	2155	H24	A0N	non	CHN	non	23:00 UTC Time signal 5+1 on time	PM 97	JARL	non
7200	5	2014	01	08	2200	H24	A3E	non	CHN	non	no mod	PM 97	JARL	non
7200	3	2014	01	08	2206	H24	A3E	non	CHN	non	Chinese talk and music	PM 97	JARL	non
7200	5	2014	01	08	2258	H24	A3E	non	CHN	non	22:00 UTC Time signal 5+1 2sec late	PM 97	JARL	non
7200	5	2014	01	09	2230	H24	A3E	non	CHN	non	Chinese talk and music	PM 97	JARL	non
7200	3	2014	01	09	2234	H24	A3E	non	CHN	non	Chinese talk and music	PM 97	JARL	non
7200	5	2014	01	09	2258	H24	A3E	non	CHN	non	23:00 UTC Time	PM 97	JARL	non

signal 5+1 on time

7200	1	2014	01	10	2155	H24	A0N	non	CHN	non	no mod Chinese talk and music	PM 97	JARL	non
7200	5	2014	01	10	2200	H24	A3E	non	CHN	non	22:00 UTC Time signal 5+1 on time	PM 97	JARL	non
7200	2	2014	01	10	2204	H24	A3E	non	CHN	non	Chinese talk and music	PM 97	JARL	non
7200	5	2014	01	10	2258	H24	A3E	non	CHN	non	Chinese talk and music	PM 97	JARL	non
7200	5	2014	01	11	2220	H24	A3E	non	CHN	non	23:00 UTC Time signal 5+1 on time	PM 97	JARL	non
7200	3	2014	01	11	2234	H24	A3E	non	CHN	non	Chinese talk and music	PM 97	JARL	non
7200	5	2014	01	11	2258	H24	A3E	non	CHN	non	Chinese talk and music	PM 97	JARL	non
7200	5	2014	01	12	2224	H24	A3E	non	CHN	non	23:00 UTC Time signal 5+1 2sec late	PM 97	JARL	non
7200	3	2014	01	12	2230	H24	A3E	non	CHN	non	Chinese talk and music	PM 97	JARL	non
7200	5	2014	01	12	2258	H24	A3E	non	CHN	non	Chinese talk and music	PM 97	JARL	non
7200	5	2014	01	13	2210	H24	A3E	non	CHN	non	23:00 UTC Time signal 5+1 on time	PM 97	JARL	non
7200	3	2014	01	13	2214	H24	A3E	non	CHN	non	Chinese talk and music	PM 97	JARL	non
7200	5	2014	01	13	2258	H24	A3E	non	CHN	non	Chinese talk and music	PM 97	JARL	non
7200	1	2014	01	14	2155	H24	A0N	non	CHN	non	23:00 UTC Time signal 5+1 on time	PM 97	JARL	non
7200	5	2014	01	14	2200	H24	A3E	non	CHN	non	no mod Chinese talk and music	PM 97	JARL	non
7200	3	2014	01	14	2204	H24	A3E	non	CHN	non	22:00 UTC Time signal 5+1 2sec late	PM 97	JARL	non
7200	5	2014	01	14	2258	H24	A3E	non	CHN	non	Chinese talk and music	PM 97	JARL	non
7200	5	2014	01	15	2206	H24	A3E	non	CHN	non	Chinese talk and music	PM 97	JARL	non

7200	3	2014	01	15	2210	H24	A3E	non	CHN	non	music	PM 97	JARL	non
7200	1	2014	01	16	2155	H24	A0N	non	CHN	non	Chinese talk and music	PM 97	JARL	non
7200	5	2014	01	16	2200	H24	A3E	non	CHN	non	no mod Chinese talk and music	PM 97	JARL	non
7200	3	2014	01	16	2204	H24	A3E	non	CHN	non	22:00 UTC Time signal 5+1 on time	PM 97	JARL	non
7200	5	2014	01	16	2258	H24	A3E	non	CHN	non	Chinese talk and music	PM 97	JARL	non
7200	5	2014	01	17	2212	H24	A3E	non	CHN	non	Chinese talk and music	PM 97	JARL	non
7200	3	2014	01	17	2216	H24	A3E	non	CHN	non	23:00 UTC Time signal 5+1 on time	PM 97	JARL	non
7200	5	2014	01	17	2258	H24	A3E	non	CHN	non	Chinese talk and music	PM 97	JARL	non
7200	5	2014	01	18	2226	H24	A3E	non	CHN	non	Chinese talk and music	PM 97	JARL	non
7200	3	2014	01	18	2230	H24	A3E	non	CHN	non	23:00 UTC Time signal 5+1 2sec late	PM 97	JARL	non
7200	3	2014	01	18	2258	H24	A3E	15	CHN	non	Chinese talk and music 23:00 UTC Time signal 3+1 0.5sec late	PM 97	JARL	non
7200	1	2014	01	19	2155	H24	A0N	non	CHN	non	no mod Chinese talk and music	PM 97	JARL	non
7200	5	2014	01	19	2200	H24	A3E	non	CHN	non	22:00 UTC Time signal 5+1 on time	PM 97	JARL	non
7200	3	2014	01	19	2204	H24	A3E	non	CHN	non	Chinese talk and music	PM 97	JARL	non
7200	3	2014	01	19	2258	H24	A3E	non	CHN	non	Chinese talk and music	PM 97	JARL	non
7200	5	2014	01	20	2212	H24	A3E	non	CHN	non	23:00 UTC Time signal 5+1 on time	PM 97	JARL	non
7200	3	2014	01	20	2216	H24	A3E	non	CHN	non	Chinese talk and music	PM 97	JARL	non
7200	5	2014	01	20	2258	H24	A3E	non	CHN	non	Chinese talk and music	PM 97	JARL	non

7200	5	2014	01	21	2214	H24	A3E	non	CHN	non	Chinese talk and music	PM 97	JARL	non
7200	3	2014	01	21	2220	H24	A3E	non	CHN	non	Chinese talk and music	PM 97	JARL	non
7200	5	2014	01	21	2258	H24	A3E	non	CHN	non	Chinese talk and music	PM 97	JARL	non
7200	5	2014	01	22	2210	H24	A3E	non	CHN	non	23:00 UTC Time signal 5+1 on time Chinese talk and music	PM 97	JARL	non
7200	3	2014	01	22	2214	H24	A3E	non	CHN	non	Chinese talk and music	PM 97	JARL	non
7200	3	2014	01	22	2258	H24	A3E	non	CHN	non	Chinese talk and music	PM 97	JARL	non
7200	5	2014	01	23	2210	H24	A3E	non	CHN	non	23:00 UTC Time signal 5+1 on time Chinese talk and music	PM 97	JARL	non
7200	3	2014	01	23	2214	H24	A3E	non	CHN	non	Chinese talk and music	PM 97	JARL	non
7200	5	2014	01	23	2258	H24	A3E	non	CHN	non	Chinese talk and music	PM 97	JARL	non
7200	5	2014	01	24	2212	H24	A3E	non	CHN	non	23:00 UTC Time signal 5+1 2sec late Chinese talk and music	PM 97	JARL	non
7200	3	2014	01	24	2216	H24	A3E	non	CHN	non	Chinese talk and music	PM 97	JARL	non
7200	5	2014	01	24	2258	H24	A3E	non	CHN	non	Chinese talk and music	PM 97	JARL	non
7200	5	2014	01	25	2206	H24	A3E	non	CHN	non	23:00 UTC Time signal 5+1 on time Chinese talk and music	PM 97	JARL	non
7200	3	2014	01	25	2210	H24	A3E	non	CHN	non	Chinese talk and music	PM 97	JARL	non
7200	5	2014	01	26	2206	H24	A3E	non	CHN	non	Chinese talk and music	PM 97	JARL	non
7200	3	2014	01	26	2210	H24	A3E	non	CHN	non	Chinese talk and music	PM 97	JARL	non
7200	5	2014	01	27	2208	H24	A3E	non	CHN	non	Chinese talk and music	PM 97	JARL	non
7200	3	2014	01	27	2212	H24	A3E	non	CHN	non	Chinese talk and music	PM 97	JARL	non
7200	5	2014	01	28	2206	H24	A3E	non	CHN	non	Chinese talk and music	PM 97	JARL	non
7200	3	2014	01	28	2210	H24	A3E	non	CHN	non	Chinese talk and music	PM 97	JARL	non
7200	5	2014	01	29	2210	H24	A3E	non	CHN	non	Chinese talk and music	PM 97	JARL	non
7200	3	2014	01	29	2214	H24	A3E	non	CHN	non	Chinese talk and music	PM 97	JARL	non
7200	1	2014	01	30	2154	H24	A0N	non	CHN	non	no mod	PM 97	JARL	non

7200	5	2014	01	30	2200	H24	A3E		non	CHN	non	Chinese talk and music 22:00 UTC Time signal 5+1 on time	PM 97	JARL	non
7200	5	2014	01	30	2258	H24	A3E		non	CHN	non	Chinese talk and music 23:00 UTC Time signal 5+1 on time	PM 97	JARL	non
7200	5	2014	01	31	2210	H24	A3E		non	CHN	non	Chinese talk and music	PM 97	JARL	non
7200	5	2014	01	31	2258	H24	A3E		non	CHN	non	Chinese talk and music 23:00 UTC Time signal 5+1 on time	PM 97	JARL	non
7200.1	8	2014	1	8	1010		A3E			BUR		SW BROADCAST	QG52xi	WIA	VK4TJ
7231.0	1	2015	1	11	1940		F1B	250				CONTINUOUS	QG52xi	WIA	VK4TJ
10125.0	5	2014	1	30	0800		G7DF					HF MANPACK	QG52xi	WIA	VK4TJ
10125.0	100	2014	1	19	0725		P0N					OTHR, BURSTS	QG52xi	WIA	VK4TJ
10125		2014	01	19	<0647>	0647	P0N			?	Unid	OTHR Suspected SuperDARN 415 pps with 10 pps S4	RF73MF	NZART	ZL1GWE
10130.0	100	2014	1	11	1920		P0N					OTHR, BURSTS	QG52xi	WIA	VK4TJ
10130.0	100	2014	1	23	2020		P0N					OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
10134.5	19	2014	01	18	<0742>	0742	P0N			?	Unid	OTHR Suspected SuperDARN Radar system S4	RF73MF	NZART	ZL1GWE
10135.0	100	2014	1	15	1925		P0N					OTHR, BURSTS	QG52xi	WIA	VK4TJ
10140.0	6	2014	1	18	1005		A3E			NKR		SW BROADCAST	QG52xi	WIA	VK4TJ
10150.0	50	2014	1	18	1005		P0N					OTHR, BURSTS 8 SUBCARRIERS ON 200 HZ INTERVALS	QG52xi	WIA	VK4TJ
13998.0	5	2014	1	13	0855		G7D					HF MANPACK	QG52xi	WIA	VK4TJ
14000.0	5	2014	1	16	0910		G7DF					OTHR, LONG BURSTS, SLOW PULSE RATE	QG52xi	WIA	VK4TJ
14000.0	20	2014	1	17	0700		P0N					OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
14000.0	50	2014	1	7	1000		P0N					CHINESE FISHERMEN IN CHINESE DIALECTS	QG52xi MK82	WIA ARSI	VK4TJ
14000		2014	01	DY	HX	HX	G7DE			?	Unid	HF Man Pack 1 PSK DAILY, ASIAN, SOUNDS TAGALOG	RF72LQ	NZART	ZL1BAD
14000.1	3	2014	1	5	0840		J3E/U					SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY	QG52xi MK82	WIA ARSI	VK4TJ
14001		2014	01	03		<0200-0210>	J3E/U			CLN	UNID				

														– 2 OM		
14001		2014	01	04		<0205-0215>	J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI			
14001		2014	01	05		<0205-0215>	J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI			
14001		2014	01	08		<0214-0218>	J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI			
14002		2014	01	23		<0400-0420>	J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI			
14005.0	3	2014	1	12	0855		J3E/U		CLN	UNID	SOUNDS SPANISH	QG52xi	WIA	VK4TJ		
14005		2014	01	06		<0325-0335>	J3E/L				SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI			
14005		2014	01	11		<0240-0255>	J3E/L		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI			
14005.1	3	2014	1	13	0940		J3E/L		PHI		ASIAN	QG52xi	WIA	VK4TJ		
14010.0	5	2014	1	31	0635		G7DF				HF MANPACK TAGALOG SPEAKERS	QG52xi	WIA	VK4TJ		
14011.0	3	2014	1	15	0920		J3E/L		CLN	UNID	ASIAN	QG52xi	WIA	VK4TJ		
14011.6	3	2014	1	16	0920		J3E/L				SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	QG52xi	WIA	VK4TJ		
14012		2014	01	23		<0400-0420>	J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI			
14014		2014	01	05		<0200-0210>	J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN	MK82	ARSI			

14014	2014	01	05	<0200-0210>	J3E/U	CLN	UNID	SINHALA LANGUAGE ONLY – 2 OM SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY	MK82	ARSI
14014	2014	01	06	<1240-1250>	J3E/U	CLN	UNID	SINHALA LANGUAGE ONLY – 2 OM SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY	MK82	ARSI
14014	2014	01	08	<0215-0220>	J3E/U	CLN	UNID	SINHALA LANGUAGE ONLY – 2 OM SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY	MK82	ARSI
14014	2014	01	10	<1310-1320>	J3E/U	CLN	UNID	SINHALA LANGUAGE ONLY – 2 OM SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY	MK82	ARSI
14014	2014	01	11	<0240-0255>	J3E/U	CLN	UNID	SINHALA LANGUAGE ONLY – 2 OM SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY	MK82	ARSI
14014	2014	01	12	<0250-0310>	J3E/U	CLN	UNID	SINHALA LANGUAGE ONLY – 2 OM SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY	MK82	ARSI
14014	2014	01	16	<0230-0240>	J3E/U	CLN	UNID	SINHALA LANGUAGE ONLY – 2 OM SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY	MK82	ARSI
14014	2014	01	20	<0325-0335>	J3E/U	CLN	UNID	SINHALA LANGUAGE ONLY – 2 OM SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY	MK82	ARSI
14014.5	2014	01	14	<0220-0230>	J3E/U	CHN	UNID	CHINESE FISHERMEN IN CHINESE DIALECTS	MK82	ARSI

14015.0	3	2014	1	26	0845		F1B				ALE	QG52xi	WIA	VK4TJ
14023.6		2014	01	05		<0220-0230>	J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
14024		2014	01	06		<1240-1250>	J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
14024		2014	01	12		<1140-1155>	J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
14024		2014	01	16		<0310-0330>	J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
14024.1	3	2014	1	6	0925		J3E/U				ASIAN Chinese 4=4 DQPSK S4 idling and traffic modes	QG52xi	WIA	VK4TJ
14033		2014	01	12	<0255>	0255	J7D	330	CHN	Unid		RF73MF	NZART	ZL1GWE
14033.7	3	2014	1	23	0905		J3E/U				ASIAN	QG52xi	WIA	VK4TJ
14034.9	3	2014	1	6	0925		J3E/U				DAILY, ASIAN	QG52xi	WIA	VK4TJ
14035		2014	01	03		<1420-1425>	J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
14035		2014	01	05		<0200-0210>	J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
14035		2014	01	05		<0200-0210>	J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
14044		2014	01	15		<1310-1320>	J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY	MK82	ARSI	

– 2 OM

14045.0	5	2014	1	13	0825	G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
14045.1	3	2014	1	26	2130	J3E/U				ASIAN	QG52xi	WIA	VK4TJ
14045.8	3	2014	1	2	1230	J3E/U				ASIAN	QG52xi	WIA	VK4TJ
14048.0	3	2014	1	3	0055	J3E/U		PHI		TAGALOG SPEAKERS	QG52xi	WIA	VK4TJ
14049.0	3	2014	1	23	0945	J3E/U				ASIAN	QG52xi	WIA	VK4TJ
14049.8	3	2014	1	24	1020	J3E/L				ASIAN	QG52xi	WIA	VK4TJ
14050.0	5	2014	1	16	1025	G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
14050		2014	01	06		J3E/U	<1115-1125>	CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
14055.0	5	2014	1	16	0935	G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
14055.1	3	2014	1	31	2000	J3E/U				ASIAN	QG52xi	WIA	VK4TJ
14056.8	3	2014	1	8	0930	J3E/U				DAILY, ASIAN 100'S OF SUBCARRIERS VERY CLOSE SPACED	QG52xi	WIA	VK4TJ
14058.0	5	2014	1	28	0820	G7D				HF MANPACK	QG52xi	WIA	VK4TJ
14060.0	5	2014	1	5	1150	G7DF				OTHR, LONG BURSTS, SLOW PULSE RATE	QG52xi	WIA	VK4TJ
14060.0	40	2014	1	14	0630	P0N				HF MANPACK	QG52xi	WIA	VK4TJ
14065.0	5	2014	1	10	2150	G7DF				ASIAN	QG52xi	WIA	VK4TJ
14066.7	3	2014	1	31	2310	J3E/L				INDONESIAN NON AMATEURS WITH CHATTER DAILY, ASIAN, SOUNDS CHINESE MIXED NUMBER/LETTER CIPHER	QG52xi	WIA	VK4TJ
14100		2014	01	16		J3E/U	<0250-0310>	INS	UNID	OTHR, LONG BURSTS, SLOW PULSE RATE	MK82	ARSI	
14101.3	3	2014	1	13	0905	J3E/U				NUMBER CIPHER VERY BROAD PSK	QG52xi	WIA	VK4TJ
14103.0		2014	1	4	0805	A1A				2 SUBCARRIERS ON 750 HZ SPACING, BURSTS OTHR,	QG52xi	WIA	VK4TJ
14110.0	3	2014	1	11	1010	J3E/U				CONTINUOUS	QG52xi	WIA	VK4TJ
14114.1	3	2014	1	13	0905	J3E/L				CONTINUOUS	QG52xi	WIA	VK4TJ
14120.0		2014	1	15	0935	A1A				OTHER 3.8 every	QG52xi	WIA	VK4TJ
14123.0	5	2014	1	27	0030	G1D		300			RF72LQ	NZART	ZL1BAD
14127.5	3	2014	1	6	0925	G7D							
14140.0	20	2014	1	2	1010	P0N							
14141.0	1	2014	1	14	1020	F1B		200					
14165	10	2014	01	31	<2335>	P0N	2335		?	Unid			

14178	10	2014	01	31	<2335>	2335	P0N		?	Unid	30 secs 70 pps OTHR 3.8 every 30 secs 70 pps DOZENS OF SUBCARRIERS ON SMALL INTERVALS	RF72LQ	NZART	ZL1BAD
14194.0	5	2014	1	19	0735		G7D					QG52xi	WIA	VK4TJ
14195	10	2014	01	25	<2340>	2340	P0N		?	Unid	OTHR 3.8 every 35 secs 70 pps OTHR 3.8 every 40 secs 70 pps	RF72LQ	NZART	ZL1BAD
14195	10	2014	01	30	<2350>	2350	P0N		?	Unid	ASIAN	RF72LQ	NZART	ZL1BAD
14196.8	3	2014	1	18	1000		J3E/L					QG52xi	WIA	VK4TJ
14198	12	2014	01	15	<0003>	0003	P0N	330	?	Unid	OTHR 66 pps S5 OTHR 3.8 every 35 secs 70 pps OTHR 3.8 every 35 secs 70 pps	RF73MF	NZART	ZL1GWE
14200	10	2014	01	22	<0001>	0001	P0N		?	Unid	OTHR 3.8 every 35 secs 70 pps	RF72LQ	NZART	ZL1BAD
14200	10	2014	01	25	<2335>	2335	P0N		?	Unid	OTHR 3.8 every 35 secs 70 pps	RF72LQ	NZART	ZL1BAD
14210.0	20	2014	1	11	0700		P0N				OTHR, BURSTS	QG52xi	WIA	VK4TJ
14210	10	2014	01	25	<2330>	2330	P0N		?	Unid	OTHR 3.8 EVERY 35 secs 70 pps OTHR 70 pps	RF72LQ	NZART	ZL1BAD
14211.5	17	2014	01	11	<0625>	0625	P0N	330	?	Unid	bursts S5 OTHR S5 67 pps	RF73MF	NZART	ZL1GWE
14218.5	11	2014	01	15	<0003>	0003	P0N	330	?	Unid	Bursts OTHR 5.3 every 30 secs 70 pps	RF73MF	NZART	ZL1GWE
14220	10	2014	01	27	<2345>	2345	P0N		?	Unid	OTHR 10.8 secs every 20 secs. 50 pps	RF72LQ	NZART	ZL1BAD
14225	10	2014	01	14	<2310>	2310	P0N		?	Unid	OTHR S5 67 pps Bursts	RF72LQ	NZART	ZL1BAD
14229.1	10.4	2014	01	15	<0003?	0003	P0N	330	?	Unid	OTHR 3.8 every 30 secs 70 pps OTHR 5.3 every 30 secs 50 pps	RF73MF	NZART	ZL1GWE
14230	10	2014	01	07	<2330>	2330	P0N		?	Unid	OTHR 5.3 every 30 secs 50 pps	RF72LQ	NZART	ZL1BAD
14230	10	2014	01	10	<2330>	2330	P0N		?	Unid	OTHR 5.3 every 30 secs 50 pps	RF72LQ	NZART	ZL1BAD
14230	10	2014	01	14	<0003>	0003	P0N		?	Unid	OTHR 6 secs every 35 secs 50 pps	RF72LQ	NZART	ZL1BAD
14230	10	2014	01	17	<2335>	2335	P0N		?	Unid	OTHR 6 secs every 30 secs 70 pps	RF72LQ	NZART	ZL1BAD
14230	10	2014	01	24	<0200>	0200	P0N		?	Unid	OTHR HFSWR 18 secs 7 pps	RF72LQ	NZART	ZL1BAD
14230	20	2014	01	31	<2133>	2133	P0N		?	Unid	OTHR 5.3 every 40 secs 500 pps	RF72LQ	NZART	ZL1BAD
14230	10	2014	01	31	<2305>	2305	P0N		?	Unid	OTHR .8 every 35 secs 70 pps	RF72LQ	NZART	ZL1BAD
14233	10	2014	01	22	<2330>	2330	P0N		?	Unid	OTHR 3.8 every 30secs	RF72LQ	NZART	ZL1BAD
14235	10	2014	01	04	<2330>	2330-2345	P0N		?	Unid	OTHR 3.8 every 30 secs 70 pps	RF72LQ	NZART	ZL1BAD
14235	10	2014	01	13	<0135>	0135	P0N		?	Unid	OTHR 3.8 every	RF72LQ	NZART	ZL1BAD
14235	10	2014	01	30	<2335>	2335	P0N		?	Unid	OTHR 3.8 every	RF72LQ	NZART	ZL1BAD

14240	20	2014	01	29	<0645>	0645	P0N		?	Unid	35 secs 70 pps OTHR HFSWR 18 secs 7 pps	RF72LQ	NZART	ZL1BAD
14240	20	2014	01	21	<0405>	0405	P0N		?	Unid	OTHR HFSWR 18 secs 7 pps	RF72LQ	NZART	ZL1BAD
14240	20	2014	01	21	<0405>	0405	P0N		?	Unid	OTHR HFSWR 18 secs 7 pps	RF72LQ	NZART	ZL1BAD
14245	20	2014	01	30	<2355<	2355	P0N		?	Unid	OTHR HFSWR 18 secs 7 pps	RF72LQ	NZART	ZL1BAD
14245	20	2014	01	31	<0001>	0001	P0N		?	Unid	OTHR HFSWR 18 secs 7 pps	RF72LQ	NZART	ZL1BAD
14250	10	2014	01	16	<0605>	0605	P0N		?	Unid	OTHR 3.8 every 35 secs 70 pps	RF72LQ	NZART	ZL1BAD
14250	10	2014	01	16	<0605>	0605	P0N		?	Unid	OTHR 3.8 every 35 secs 70 pps	RF72LQ	NZART	ZL1BAD
14254	5	2014	01	27		<1145- 1150>	A3E		UNID	UNID	Two way transmission	NL06lu	ARSI	
14268	10	2014	01	29	<2300>	2300	P0N		?	Unid	OTHR 5.3 every 35 secs 50 pps OTHR 3.8 every 35 secs 70 pps (2 sigs, same freq, 1 strong 1 weak)	RF72LQ	NZART	ZL1BAD
14270	10	2014	01	25	<2350>	2350 <1130- 1145>	P0N		?	Unid	Flutter of above programme	RF72LQ	NZART	ZL1BAD
14276	.5	2014	01	27			A3E		UNID	UNID		NL06lu	ARSI	
14293.0	3	2014	1	31	0840		F1B	HIGH 400			CONTINUOUS Announcement of Broadcast programme in two language, one is russian language	QG52xi	WIA	VK4TJ
14295	.5	2014	01	27		<1130- 1145>	A3E		UNID	UNID	OTHR 5.3 every 30 secs 50 pps OTHR 3.8 every 30 secs 70 pps OTHR 5.3 every 30 secs 50 pps OTHR 3.8 every 30 secs 70 pps OTHR 3.8 every 35 secs 70 pps	NL06lu	ARSI	
14295	10	2014	01	22	<0001>	0001-0045	P0N		?	Unid	ASIAN	RF72LQ	NZART	ZL1BAD
14295	10	2014	01	31	<2335>	2335	P0N		?	Unid	OTHR 3.8 every 30 secs 70 pps	RF72LQ	NZART	ZL1BAD
14295	10	2014	01	21	<2335>	2335-2359	P0N		?	Unid	OTHR 5.3 every 30 secs 50 pps	RF72LQ	NZART	ZL1BAD
14295	10	2014	01	29	<2315>	2315	P0N		?	Unid	OTHR 3.8 every 30 secs 70 pps	RF72LQ	NZART	ZL1BAD
14295	10	2014	01	25	<2345>	2345	P0N		?	Unid	OTHR 3.8 every 35 secs 70 pps	RF72LQ	NZART	ZL1BAD
14305.5	3	2014	1	18	1000		J3E/U				ASIAN	QG52xi	WIA	VK4TJ
14313	10	2014	01	23	<1000>	1000	P0N		?	Unid	OTHR 3.8 every 30 secs 70 pps	RF72LQ	NZART	ZL1BAD
14320.0	5	2014	1	30	2105		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
14330.0	3	2014	1	27	0735		J3E/L				ASIAN	QG52xi	WIA	VK4TJ
14330	10	2014	01	30	<2340>	2340	P0N		?	Unid	OTHR 7.7 every 3 secs 70 pps DOZENS OF SUBCARRIERS ON SMALL INTERVALS	RF72LQ	NZART	ZL1BAD
14337.0	5	2014	1	15	0935		G7D					QG52xi	WIA	VK4TJ

14337.0	3	2014	1	15	0935		J3E/U				ASIAN, SOUNDS CHINESE. RELATED TO G7D, BELOW ABOUT 12 CARRIERS ON 100 HZ	QG52xi	WIA	VK4TJ
14344.0	5	2014	1	4	0155		G7D				INTERVALS C/W BEEP - ARQ? OTHR 3.8 every	QG52xi	WIA	VK4TJ
14345	10	2014	01	22	<0100>	0100	P0N		?	Unid	40 secs 70 pps HF Man Pack 1	RF72LQ	NZART	ZL1BAD
18068		2014	01	DY	HX	HX	G7DE/F		?	Unid	PSK	RF72LQ	NZART	ZL1BAD
18092		2014	01	26	<0554>	0554	A3E	330	TWN	Sound of Hope	Broadcast Sound of Hope S4 QSB Broadcast Sound of Hope S3 Arabic	RF73MF	NZART	ZL1GWE
18092		2014	01	27	<0518>	0518	A3E	330	TWN	Sound of Hope	version confirmed with EIBI achedule	RF73MF	NZART	ZL1GWE
18092.1	8	2014	1	23	0820		A3E		TWN		SOUND OF HOPE OTHR Continuous	QG52xi	WIA	VK4TJ
18100	20	2014	01	22	<0450>	0450	P0N		?	Unid	50 pps	RF72LQ	NZART	ZL1BAD
21000.0	5	2014	1	18	0325		G7DF				HF MANPACK HF Man Pack 1, 6	QG52xi	WIA	VK4TJ
21000		2014	01	DY	HX24	HX24	G7DE		?	Unid	& 8 PSK OTHR,	RF72LQ	NZART	ZL1BAD
21010.0	20	2014	1	10	1000		P0N				CONTINUOUS	QG52xi	WIA	VK4TJ
21015.0	5	2014	1	19	2340		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
21020.0	5	2014	1	17	1140		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
21021.0	3	2014	1	19	0035		J3E/U				ASIAN, NOT CHINESE	QG52xi	WIA	VK4TJ
21025.0	5	2014	1	17	1135		G7DF				HF MANPACK DAILY, 8 SUBCARRIERS ON 300 HZ	QG52xi	WIA	VK4TJ
21032.0	5	2014	1	11	1020		G7D				INTERVALS 3 SUBCARRIERS ON 300 HZ	QG52xi	WIA	VK4TJ
21034.0	5	2014	1	26	0955		G7D				INTERVALS	QG52xi	WIA	VK4TJ
21035.0	5	2014	1	26	0725		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
21050.0	5	2014	1	7	1155		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
21050.0	40	2014	1	14	1200		P0N				OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
21055.0	3	2014	1	11	1015		J3E/L				ASIAN, NOT CHINESE	QG52xi	WIA	VK4TJ
21055.0	3	2014	1	8	0915		J3E/U				ASIAN, NOT CHINESE	QG52xi	WIA	VK4TJ
21065.0	5	2014	1	26	0010		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
21110.0	20	2014	1	3	0420		P0N				OTHR, BURSTS OTHR 5.3 every	QG52xi	WIA	VK4TJ
21120	10	2014	01	27	<0355>	0355	P0N		?	Unid	30 secs 50 pps	RF72LQ	NZART	ZL1BAD
21129.0	3	2014	1	6	0915		J3E/U				ASIAN	QG52xi	WIA	VK4TJ
21135.0	5	2014	1	1	0130		G7D				2 TRIOS OF	QG52xi	WIA	VK4TJ

21135.0	5	2014	1	31	0940		G7DF			SUBCARRIERS, SPACING 150 HZ HF MANPACK OTHR, CONTINUOUS, SLOW PULSE RATE	QG52xi	WIA	VK4TJ
21140.0	20	2014	1	9	1005		P0N			OTHR 3.8 every 40 secs 70 pps	QG52xi	WIA	VK4TJ
21140	10	2014	01	30	<0255>	0255	P0N	?	Unid	OTHR, BURSTS OTHR 5.3 every 30 secs 50 pps	RF72LQ	NZART	ZL1BAD
21150.0	20	2014	1	4	0755		P0N			ASIAN	QG52xi	WIA	VK4TJ
21155	10	2014	01	30	<0025>	0025	P0N	?	Unid	OTHR, CONTINUOUS CODAR-LIKE SWEEPS, PRECURSOR TO OTHR	QG52xi	WIA	VK4TJ
21157.0	3	2014	1	27	0955		J3E/U						
21190.0	20	2014	1	27	1005		P0N						
21200.0	20	2014	1	4	0755		VXX						
21205	20	2014	01	26	<0120>	0120	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21205	20	2014	01	28	<2135>	2135	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps OTHR 1.3 AT VARIABLE TIMES 50 pps	RF72LQ	NZART	ZL1BAD
21205	10	2014	01	30	<0025>	0025-0235	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21205	20	2014	01	30	<2233>	2233	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21205	20	2014	01	31	<2133>	2133	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21213	20	2014	01	30	<2333>	2333	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21225	20	2014	01	30	<2330>	2330	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21228	20	2014	01	21	<0402>	0402	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21230	20	2014	01	14	<0028>	0028	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21236	10	2014	01	19	<0320>	0320-0350	P0N	?	Unid	OTHR 5.3 every 30 secs 50 pps CODAR-LIKE SWEEPS, PRECURSOR TO OTHR	RF72LQ	NZART	ZL1BAD
21240.0	20	2014	1	24	1000		VXX				QG52xi	WIA	VK4TJ
21245	20	2014	01	21	<0402>	0402	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21245	20	2014	01	28	<0523>	0523	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21245	20	2014	01	31	<0348>	0348	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21245	20	2014	01	21	<0402>	0402	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21249.9	3	2014	1	2	0105		J3E/L			ASIAN	QG52xi	WIA	VK4TJ

21428	10	2014	01	26	<0140>	0140	P0N	?	Unid	OTHR 5.4 every			
21438.0		2014	1	15	0920		A1A	UKR	RCV	30 secs 50 pps	RF72LQ	NZART	ZL1BAD
21444.3	3	2014	1	24	1000		J3E/L			LETTER CIPHER	QG52xi	WIA	VK4TJ
24900.0	8	2014	1	1	0130		F3E			ASIAN, NOT			
										CHINESE	QG52xi	WIA	VK4TJ
24900		2014	01	DY	HX	HX	G7DE/F	?	Unid	ASIAN	QG52xi	WIA	VK4TJ
24915.0	6	2014	1	1	0125		A3E			HF Man Pack 1			
										PSK	RF72LQ	NZART	ZL1BAD
24920.0	20	2014	1	27	1020		P0N			ASIAN	QG52xi	WIA	VK4TJ
24925.0	8	2014	1	4	0125		F3E			OTHR,			
24935.0	6	2014	1	27	0040		A3E			CONTINUOUS	QG52xi	WIA	VK4TJ
24937.5	6	2014	1	13	0925		A3E			ASIAN	QG52xi	WIA	VK4TJ
										ASIAN	QG52xi	WIA	VK4TJ
24944	10	2014	01	30	<0310>	0310	P0N	?	Unid	OTHR 5.3 every			
24950.0	6	2014	1	4	0125		A3E			30 secs 50 pps	RF72LQ	NZART	ZL1BAD
										ASIAN	QG52xi	WIA	VK4TJ
24950	25	2014	01	20	<0635>	0635-0653	P0N	?	Unid	OTHR Continuous,			
24962.5	6	2014	1	1	0125		A3E			50 pps. Stopped	RF72LQ	NZART	ZL1BAD
24975.0	6	2014	1	1	0125		A3E			at 0653.			
										ASIAN	QG52xi	WIA	VK4TJ
24990.0	20	2014	1	13	0925		P0N			ASIAN	QG52xi	WIA	VK4TJ
										OTHR,			
24990.0	40	2014	1	1	0125		VXX			CONTINUOUS	QG52xi	WIA	VK4TJ
28000.0	8	2014	1	1	2320		F3E			DAILY, CODAR-			
										LIKE SWEEPS	QG52xi	WIA	VK4TJ
28000		2014	01	12	<0613>	0613	A3E	330	CHN	ASIAN	QG52xi	WIA	VK4TJ
28000		2014	01	DY	HX	HX	G7DE/F	?	Unid	Non Amateurs			
28000		2014	01	DY	HX	HX	G7DE	?	Unid	Chinese AM S3	RF73MF	NZART	ZL1GWE
28005.0	6	2014	1	1	0055		A3E			HF Man Pack 6 &			
										8 PSK	RF72LQ	NZART	ZL1BAD
										HF Man Pack PSK	RF72LQ	NZART	ZL1BAD
										ASIAN	QG52xi	WIA	VK4TJ
										SPANISH			
28007.0	3	2014	1	2	0010		J3E/U			LANGUAGE,			
28010.0	100	2014	1	17	0930		P0N			BAND OPEN TO			
28012.5	6	2014	1	2	0525		A3E			CENTRAL/SOUTH			
28015.0	6	2014	1	1	0055		A3E			AMERICA	QG52xi	WIA	VK4TJ
28025.0	8	2014	1	1	0055		F3E			IRANIAN OTHR	QG52xi	WIA	VK4TJ
28030.0	100	2014	1	3	0420		P0N			ASIAN	QG52xi	WIA	VK4TJ
28032.5	6	2014	1	17	0935		A3E			ASIAN	QG52xi	WIA	VK4TJ
										IRANIAN OTHR	QG52xi	WIA	VK4TJ
										ASIAN	QG52xi	WIA	VK4TJ
										OTHR S2 25 pps			
										20 KHZ bandwidth			
										with residual			
										sidebands not			
28034.5	51.5	2014	01	11	<0743>	0743	P0N	330	CYP	clean	RF73MF	NZART	ZL1GWE
28035.0	6	2014	1	2	0525		A3E			ASIAN	QG52xi	WIA	VK4TJ
28040.0	6	2014	1	18	0900		A3E			ASIAN	QG52xi	WIA	VK4TJ

28050.0	8	2014	1	1	0055		F3E				ASIAN	QG52xi	WIA	VK4TJ
28055.0	6	2014	1	2	0530		A3E				ASIAN	QG52xi	WIA	VK4TJ
28060.0	1	2014	1	2	0030		F1B	300			BURSTS	QG52xi	WIA	VK4TJ
28062.5	6	2014	1	17	0950		A3E				ASIAN	QG52xi	WIA	VK4TJ
28065.0	6	2014	1	1	0055		A3E				ASIAN	QG52xi	WIA	VK4TJ
28067.0	6	2014	1	26	0330		A3E				ASIAN	QG52xi	WIA	VK4TJ
											SPANISH LANGUAGE, ROGER BEEPS			
28075.0	6	2014	1	1	0055		A3E					QG52xi	WIA	VK4TJ
28075.0	6	2014	1	4	0130		A3E				ASIAN	QG52xi	WIA	VK4TJ
28085.0	6	2014	1	1	0055		A3E				ASIAN	QG52xi	WIA	VK4TJ
28090.0	6	2014	1	26	0330		A3E				ASIAN	QG52xi	WIA	VK4TJ
28100.0	8	2014	1	2	0540		F3E				ASIAN	QG52xi	WIA	VK4TJ
28105.0	6	2014	1	1	0055		A3E				ASIAN	QG52xi	WIA	VK4TJ
28112.5	6	2014	1	1	0055		A3E				ASIAN	QG52xi	WIA	VK4TJ
28115.0	6	2014	1	1	0055		A3E				ASIAN	QG52xi	WIA	VK4TJ
28125.0	8	2014	1	1	0055		F3E				ASIAN	QG52xi	WIA	VK4TJ
28130.0	6	2014	1	2	0545		A3E				ASIAN	QG52xi	WIA	VK4TJ
28135.0	6	2014	1	1	0055		A3E				ASIAN	QG52xi	WIA	VK4TJ
28137.5	6	2014	1	17	0950		A3E				ASIAN	QG52xi	WIA	VK4TJ
28145.0	6	2014	1	1	0055		A3E				ASIAN	QG52xi	WIA	VK4TJ
28145		2014	01	08		<0225- 0235>	A3E		CHN	UNID	CONVERSATION BETWEEN 2-OMs CHINESE DIALECT.	MK82	ARSI	
28150.0	6	2014	1	2	0550		A3E				ASIAN	QG52xi	WIA	VK4TJ
											OTHR 50 pps Cyprus S*			
28150	44	2014	01	25	<0526>	0526-0547	P0N	330	CYP	Unid	continuous	RF73Mf	NZART	ZL1GWE
28155.0	6	2014	1	1	0100		A3E				ASIAN	QG52xi	WIA	VK4TJ
28162.5	6	2014	1	2	0555		A3E				ASIAN	QG52xi	WIA	VK4TJ
28165.0	6	2014	1	1	0100		A3E				ASIAN	QG52xi	WIA	VK4TJ
28175.0	8	2014	1	1	0100		F3E				ASIAN	QG52xi	WIA	VK4TJ
28180.0	8	2014	1	1	0100		A3E				ASIAN	QG52xi	WIA	VK4TJ
28180.0	100	2014	1	26	0330		P0N		IRI		IRANIAN OTHR	QG52xi	WIA	VK4TJ
28182.0	8	2014	1	26	0330		A3E				ASIAN	QG52xi	WIA	VK4TJ
28185.0	8	2014	1	1	0100		F3E				ASIAN	QG52xi	WIA	VK4TJ
28187.5	8	2014	1	11	1025		F3E				ASIAN	QG52xi	WIA	VK4TJ
											OTHR S6 continuous Cyprus 20 kHz signal improved to S7 at			
28191.5	33	2014	01	27	<0624>	0624-0634	P0N	330	CYP	Unid	0629z	RF73MF	NZART	ZL1GWE
28195.0	6	2014	1	1	0100		A3E				ASIAN	QG52xi	WIA	VK4TJ
28200.0	8	2014	1	4	1010		F3E				ASIAN	QG52xi	WIA	VK4TJ
28205.0	6	2014	1	1	0100		A3E				ASIAN	QG52xi	WIA	VK4TJ
28212.5	6	2014	1	11	1025		A3E				ASIAN	QG52xi	WIA	VK4TJ
28215.0	6	2014	1	1	0100		A3E				ASIAN	QG52xi	WIA	VK4TJ

28225.0	8	2014	1	1	0100		F3E				ASIAN	QG52xi	WIA	VK4TJ
28230.0	100	2014	1	3	0435		P0N	IRI			IRANIAN OTHR	QG52xi	WIA	VK4TJ
											OTHR S2 309 pps and 810 pps frequency hopping across the band			
28232	42	2014	01	19	<0410>	0410	P0N	330	IRN	Unid		RF73MF	NZART	ZL1GWE
28235.0	6	2014	1	1	0100		A3E				ASIAN	QG52xi	WIA	VK4TJ
28237.5	6	2014	1	4	0135		A3E				ASIAN	QG52xi	WIA	VK4TJ
28245.0	6	2014	1	1	0100		A3E				ASIAN	QG52xi	WIA	VK4TJ
28250.0	8	2014	1	1	0100		F3E				ASIAN	QG52xi	WIA	VK4TJ
		2014	1	25	0815		A1A			FL1	DRIFTNET BEACON	QG52xi	WIA	VK4TJ
28255.0	6	2014	1	3	0435		A3E				ASIAN	QG52xi	WIA	VK4TJ
28262.5	6	2014	1	11	1030		A3E				ASIAN	QG52xi	WIA	VK4TJ
28265.0	6	2014	1	1	0100		A3E				ASIAN	QG52xi	WIA	VK4TJ
28275.0	6	2014	1	1	0100		A3E				ASIAN	QG52xi	WIA	VK4TJ
28285.0	6	2014	1	1	0100		A3E				ASIAN	QG52xi	WIA	VK4TJ
28285.0	5	2014	1	25	0825		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
28287.5	6	2014	1	25	0820		A3E				ASIAN	QG52xi	WIA	VK4TJ
28295.0	8	2014	1	1	0100		F3E				ASIAN	QG52xi	WIA	VK4TJ
28300.0	8	2014	1	4	2310		F3E				ASIAN	QG52xi	WIA	VK4TJ
		2014	1	25	0825		A1A			SS	DRIFTNET BEACON	QG52xi	WIA	VK4TJ
28305.0	6	2014	1	1	0100		A3E				ASIAN	QG52xi	WIA	VK4TJ
28315.0	6	2014	1	1	0100		A3E				ASIAN	QG52xi	WIA	VK4TJ
28325.0	8	2014	1	1	0100		F3E				ASIAN	QG52xi	WIA	VK4TJ
28335.0	6	2014	1	1	0100		A3E				ASIAN	QG52xi	WIA	VK4TJ
											OTHR 308 pps bursts S1 Iranian			
28339.5	65	2014	01	27	<0454>	0454>	P0N	33-	IRN	Unid		RF73MF	NZART	ZL1GWE
28350.0	8	2014	1	3	0440		F3E				ASIAN	QG52xi	WIA	VK4TJ
		2014	1	6	0950		A1A			RT02	DRIFTNET BEACON	QG52xi	WIA	VK4TJ
28355.0	6	2014	1	1	0100		A3E				ASIAN	QG52xi	WIA	VK4TJ
28362.5	6	2014	1	1	0100		A3E				ASIAN	QG52xi	WIA	VK4TJ
28365.0	6	2014	1	1	0100		A3E				ASIAN	QG52xi	WIA	VK4TJ
28375.0	8	2014	1	1	0100		F3E				ASIAN	QG52xi	WIA	VK4TJ
28385.0	6	2014	1	1	0100		A3E				ASIAN	QG52xi	WIA	VK4TJ
28387.5	6	2014	1	17	0955		A3E				ASIAN	QG52xi	WIA	VK4TJ
28390.0	6	2014	1	27	0200		A3E				ASIAN	QG52xi	WIA	VK4TJ
28390.0	100	2014	1	3	0440		P0N		IRI		OTHR	QG52xi	WIA	VK4TJ
28395.0	5	2014	1	9	1030		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
28400.0	6	2014	1	4	0725		A3E				ASIAN	QG52xi	WIA	VK4TJ
28400.0	100	2014	1	18	0905		P0N		IRI		OTHR	QG52xi	WIA	VK4TJ
28405.0	6	2014	1	1	0105		A3E				ASIAN	QG52xi	WIA	VK4TJ
28412.5	6	2014	1	4	2310		A3E				ASIAN	QG52xi	WIA	VK4TJ
28415.0	6	2014	1	1	0105		A3E				ASIAN	QG52xi	WIA	VK4TJ
28425.0	8	2014	1	1	0105		F3E				ASIAN	QG52xi	WIA	VK4TJ

28430.0	100	2014	1	26	0335	P0N		IRI		OTHR	QG52xi	WIA	VK4TJ	
28435.0	6	2014	1	1	0105	A3E				ASIAN	QG52xi	WIA	VK4TJ	
28437.5	8	2014	1	4	2300	F3E				ASIAN	QG52xi	WIA	VK4TJ	
28440.0	6	2014	1	3	0440	A3E				ASIAN	QG52xi	WIA	VK4TJ	
28445.0	6	2014	1	18	0905	A3E				ASIAN	QG52xi	WIA	VK4TJ	
28450.0	6	2014	1	3	0440	A3E				ASIAN	QG52xi	WIA	VK4TJ	
28455.0	6	2014	1	1	0105	A3E				ASIAN	QG52xi	WIA	VK4TJ	
28462.5	6	2014	1	4	0140	A3E				ASIAN	QG52xi	WIA	VK4TJ	
28465.0	6	2014	1	1	0105	A3E				ASIAN	QG52xi	WIA	VK4TJ	
28475.0	8	2014	1	1	0105	F3E				ASIAN	QG52xi	WIA	VK4TJ	
28480.0	6	2014	1	4	2315	A3E				ASIAN	QG52xi	WIA	VK4TJ	
28485.0	6	2014	1	3	0440	A3E				ASIAN	QG52xi	WIA	VK4TJ	
28500.0	6	2014	1	9	1030	A3E				ASIAN	QG52xi	WIA	VK4TJ	
28505.0	6	2014	1	3	0440	A3E				ASIAN	QG52xi	WIA	VK4TJ	
28510.0	100	2014	1	15	1005	P0N		IRI		OTHR	QG52xi	WIA	VK4TJ	
28512.5	6	2014	1	27	0200	A3E				ASIAN	QG52xi	WIA	VK4TJ	
28515.0	6	2014	1	1	0105	A3E				ASIAN	QG52xi	WIA	VK4TJ	
28525.0	8	2014	1	1	0105	F3E				ASIAN	QG52xi	WIA	VK4TJ	
28530.0	6	2014	1	1	0105	A3E				ASIAN	QG52xi	WIA	VK4TJ	
28535.0	6	2014	1	1	0105	A3E				ASIAN	QG52xi	WIA	VK4TJ	
28550.0	8	2014	1	6	0950	F3E				ASIAN	QG52xi	WIA	VK4TJ	
28555.0	6	2014	1	1	0105	A3E				ASIAN	QG52xi	WIA	VK4TJ	
28560.0	6	2014	1	26	0340	A3E				ASIAN	QG52xi	WIA	VK4TJ	
28562.5	6	2014	1	1	0105	A3E				ASIAN	QG52xi	WIA	VK4TJ	
28565.0	6	2014	1	1	0105	A3E				ASIAN	QG52xi	WIA	VK4TJ	
28575.0	6	2014	1	1	0105	A3E				ASIAN	QG52xi	WIA	VK4TJ	
Non Amateurs AM S2 Two males														
28576		2014	01	27	<0633>	0633	A3E	330	CHN	Unid	talking	RF73MF	NZART	ZL1GWE
28580.0	100	2014	1	25	0835	P0N		IRI		OTHR	QG52xi	WIA	VK4TJ	
28585.0	6	2014	1	3	0440	A3E				ASIAN	QG52xi	WIA	VK4TJ	
28587.5	8	2014	1	1	0105	F3E				ASIAN	QG52xi	WIA	VK4TJ	
28595.0	6	2014	1	1	0105	A3E				ASIAN	QG52xi	WIA	VK4TJ	
OTHR S1 Iranian 301 pps 6 seconds long and 874 pps														
28598.5	55	2014	01	11	<0725>	0725	P0N	330	IRN	Unid	3.5 seconds long	RF73MF	NZART	ZL1GWE
OTHR Iranian S2 307 pps 6 seconds and 371 pps 4 seconds														
28599	60	2014	01	12	<0632>	0632	P0N	330	IRN	Unid	alternating	RF73MF	NZART	ZL1GWE
28600.0	6	2014	1	3	0455	A3E				ASIAN	QG52xi	WIA	VK4TJ	
28605.0	6	2014	1	1	0105	A3E				ASIAN	QG52xi	WIA	VK4TJ	
28610.0	100	2014	1	9	1035	P0N		IRI		OTHR	QG52xi	WIA	VK4TJ	
28612.5	6	2014	1	3	0455	A3E				ASIAN	QG52xi	WIA	VK4TJ	
28615.0	6	2014	1	1	0105	A3E				ASIAN	QG52xi	WIA	VK4TJ	

28620.0	100	2014	1	11	1025	P0N		IRI	OTHR	QG52xi	WIA	VK4TJ		
28625.0	6	2014	1	1	0105	A3E			ASIAN	QG52xi	WIA	VK4TJ		
28635.0	6	2014	1	1	0105	A3E			ASIAN	QG52xi	WIA	VK4TJ		
28645.0	6	2014	1	1	0105	A3E			ASIAN	QG52xi	WIA	VK4TJ		
28650.0	6	2014	1	9	1035	A3E			ASIAN	QG52xi	WIA	VK4TJ		
28655.0	6	2014	1	1	0105	A3E			ASIAN	QG52xi	WIA	VK4TJ		
28660.0	100	2014	1	3	0510	P0N		IRI	OTHR	QG52xi	WIA	VK4TJ		
28662.5	6	2014	1	3	0515	A3E			ASIAN	QG52xi	WIA	VK4TJ		
28665.0	6	2014	1	1	0110	A3E			ASIAN	QG52xi	WIA	VK4TJ		
Non Amateurs Chinese AM S3 QSO party increasing to S4 Macaw HK														
28665		2014	01	12	<0634>	0634-0656	A3E	330	CHN	Unid	RF73MF	NZART	ZL1GWE	
Non Amateurs Chinese AM S3 QSO party														
28665		2014	01	14	<2343>	2343	A3E	330	CHN	Unid	RF73MF	NZART	ZL1GWE	
28670.0	100	2014	1	8	0855	P0N		IRI	OTHR	QG52xi	WIA	VK4TJ		
HF Man Pack 8-														
28674		2014	01	12	<0650>	0650	G7DF	330	?	Unid	PSK S2	RF73MF	NZART	ZL1GWE
28675.0	8	2014	1	1	0110	F3E			ASIAN	QG52xi	WIA	VK4TJ		
28685.0	6	2014	1	1	0110	A3E			ASIAN	QG52xi	WIA	VK4TJ		
28687.5	6	2014	1	1	1025	A3E			ASIAN	QG52xi	WIA	VK4TJ		
28695.0	6	2014	1	1	0110	A3E			ASIAN	QG52xi	WIA	VK4TJ		
OTHR Iranian S2 307 pps 5.8 seconds and 867 pps 3.4 seconds														
28696	286	2014	01	12	<0640>	0540	P0N	330	IRN	Unid	RF73MF	NZART	ZL1GWE	
28700.0	8	2014	1	1	0110	F3E			ASIAN	QG52xi	WIA	VK4TJ		
28705.0	8	2014	1	1	0110	F3E			ASIAN	QG52xi	WIA	VK4TJ		
28712.5	6	2014	1	1	1025	A3E			ASIAN	QG52xi	WIA	VK4TJ		
28715.0	6	2014	1	3	0515	A3E			ASIAN	QG52xi	WIA	VK4TJ		
28725.0	8	2014	1	1	0110	F3E			ASIAN	QG52xi	WIA	VK4TJ		
28735.0	6	2014	1	1	0110	A3E			ASIAN	QG52xi	WIA	VK4TJ		
28737.5	6	2014	1	3	0520	A3E			ASIAN	QG52xi	WIA	VK4TJ		
28740.0	6	2014	1	1	0110	A3E			ASIAN	QG52xi	WIA	VK4TJ		
28745.0	6	2014	1	1	0110	A3E			ASIAN	QG52xi	WIA	VK4TJ		
28750.0	8	2014	1	1	1020	F3E			ASIAN	QG52xi	WIA	VK4TJ		
28755.0	6	2014	1	1	0110	A3E			ASIAN	QG52xi	WIA	VK4TJ		
28762.5	6	2014	1	1	1020	A3E			ASIAN	QG52xi	WIA	VK4TJ		
28765.0	6	2014	1	3	0520	A3E			ASIAN	QG52xi	WIA	VK4TJ		
28775.0	8	2014	1	1	0110	F3E			ASIAN	QG52xi	WIA	VK4TJ		
Non Amateurs Chinese AM S3														
28775		2014	01	12	<0623>	0623	A3E	330	CHN	Unid	RF73MF	NZART	ZL1GWE	
28785.0	6	2014	1	3	0530	A3E			ASIAN	QG52xi	WIA	VK4TJ		
28787.5	6	2014	1	1	0110	A3E			ASIAN	QG52xi	WIA	VK4TJ		
28800.0	8	2014	1	1	0110	F3E			ASIAN	QG52xi	WIA	VK4TJ		
28825.0	8	2014	1	1	1005	F3E			ASIAN	QG52xi	WIA	VK4TJ		

28830.0	6	2014	1	1	0110	A3E		ASIAN	QG52xi	WIA	VK4TJ
28835.0	6	2014	1	1	0110	A3E		ASIAN	QG52xi	WIA	VK4TJ
28837.5	8	2014	1	1	1000	F3E		ASIAN	QG52xi	WIA	VK4TJ
28845.0	6	2014	1	3	0610	A3E		ASIAN	QG52xi	WIA	VK4TJ
28850.0	8	2014	1	1	0110	F3E		ASIAN	QG52xi	WIA	VK4TJ
28855.0	6	2014	1	3	0610	A3E		ASIAN	QG52xi	WIA	VK4TJ
28862.5	8	2014	1	1	0110	F3E		ASIAN	QG52xi	WIA	VK4TJ
28865.0	6	2014	1	25	0840	A3E		ASIAN	QG52xi	WIA	VK4TJ
28875.0	8	2014	1	1	0110	F3E		ASIAN	QG52xi	WIA	VK4TJ
28885.0	6	2014	1	27	0215	A3E		ASIAN	QG52xi	WIA	VK4TJ
28887.5	8	2014	1	1	0110	F3E		ASIAN	QG52xi	WIA	VK4TJ
28890.0	6	2014	1	20	0205	A3E		ASIAN	QG52xi	WIA	VK4TJ
28900.0	8	2014	1	1	0110	F3E		ASIAN	QG52xi	WIA	VK4TJ
28912.5	6	2014	1	1	0110	A3E		ASIAN	QG52xi	WIA	VK4TJ
28915.0	6	2014	1	1	0110	A3E		ASIAN	QG52xi	WIA	VK4TJ
28925.0	8	2014	1	1	0115	F3E		ASIAN	QG52xi	WIA	VK4TJ
28930.0	100	2014	1	3	0615	P0N	IRI	OTHR	QG52xi	WIA	VK4TJ
28937.5	8	2014	1	1	0955	F3E		ASIAN	QG52xi	WIA	VK4TJ
28940.0	6	2014	1	8	0900	A3E		ASIAN	QG52xi	WIA	VK4TJ
28945.0	6	2014	1	1	0115	A3E		ASIAN	QG52xi	WIA	VK4TJ
28950.0	100	2014	1	27	0615	0550	IRI	OTHR	QG52xi	WIA	VK4TJ
28950.0	6	2014	1	1	0950	A3E		ASIAN	QG52xi	WIA	VK4TJ
28962.5	6	2014	1	1	0950	A3E		ASIAN	QG52xi	WIA	VK4TJ
28975.0	8	2014	1	1	0945	F3E		ASIAN	QG52xi	WIA	VK4TJ
28985.0	6	2014	1	1	0115	A3E		ASIAN	QG52xi	WIA	VK4TJ
28987.5	6	2014	1	1	0945	A3E		ASIAN	QG52xi	WIA	VK4TJ
29000.0	8	2014	1	1	0115	F3E		ASIAN	QG52xi	WIA	VK4TJ
29005.0	6	2014	1	8	0900	A3E		ASIAN	QG52xi	WIA	VK4TJ
29012.5	8	2014	1	1	0945	F3E		ASIAN	QG52xi	WIA	VK4TJ
29015.0	6	2014	1	3	0635	A3E		ASIAN	QG52xi	WIA	VK4TJ
29025.0	8	2014	1	1	0115	F3E		ASIAN	QG52xi	WIA	VK4TJ
29035.0	6	2014	1	8	0635	A3E		ASIAN	QG52xi	WIA	VK4TJ
29037.5	8	2014	1	1	0940	F3E		ASIAN	QG52xi	WIA	VK4TJ
29040.0	6	2014	1	3	0945	A3E		ASIAN	QG52xi	WIA	VK4TJ
29045.0	6	2014	1	4	2330	A3E		ASIAN	QG52xi	WIA	VK4TJ
29050.0	8	2014	1	1	0115	F3E		ASIAN	QG52xi	WIA	VK4TJ
29062.5	8	2014	1	1	0940	F3E		ASIAN	QG52xi	WIA	VK4TJ
29065.0	6	2014	1	1	0115	A3E		ASIAN	QG52xi	WIA	VK4TJ
29075.0	8	2014	1	1	0115	F3E		ASIAN	QG52xi	WIA	VK4TJ
29087.5	8	2014	1	3	0710	F3E		ASIAN	QG52xi	WIA	VK4TJ
29100.0	8	2014	1	1	0115	F3E		ASIAN	QG52xi	WIA	VK4TJ
29110.0	100	2014	1	3	0720	P0N	IRI	OTHR	QG52xi	WIA	VK4TJ
29112.5	6	2014	1	1	0115	A3E		ASIAN	QG52xi	WIA	VK4TJ
29125.0	8	2014	1	1	0115	F3E		ASIAN	QG52xi	WIA	VK4TJ
29137.5	8	2014	1	1	0940	F3E		ASIAN	QG52xi	WIA	VK4TJ

29145.0	6	2014	1	3	0730	A3E				ASIAN	QG52xi	WIA	VK4TJ	
29150.0	6	2014	1	1	0935	A3E				ASIAN	QG52xi	WIA	VK4TJ	
29162.5	6	2014	1	1	0930	A3E				ASIAN	QG52xi	WIA	VK4TJ	
29175.0	8	2014	1	1	0115	F3E				ASIAN	QG52xi	WIA	VK4TJ	
29187.5	6	2014	1	1	0115	A3E				ASIAN	QG52xi	WIA	VK4TJ	
29190.0	40	2014	1	3	0945	P0N				OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ	
29200.0	6	2014	1	1	0115	A3E				ASIAN	QG52xi	WIA	VK4TJ	
29212.5	6	2014	1	1	0910	A3E				ASIAN	QG52xi	WIA	VK4TJ	
29215.0	6	2014	1	6	1025	A3E				ASIAN	QG52xi	WIA	VK4TJ	
29225.0	6	2014	1	1	0115	A3E				ASIAN	QG52xi	WIA	VK4TJ	
29235.0	6	2014	1	1	0115	A3E				ASIAN	QG52xi	WIA	VK4TJ	
29237.5	6	2014	1	2	0025	A3E				ASIAN	QG52xi	WIA	VK4TJ	
29250.0	6	2014	1	1	0905	A3E				ASIAN	QG52xi	WIA	VK4TJ	
29262.5	6	2014	1	4	0150	A3E				ASIAN	QG52xi	WIA	VK4TJ	
29275.0	6	2014	1	1	0855	F3E				ASIAN	QG52xi	WIA	VK4TJ	
29285.0	6	2014	1	4	0150	A3E				ASIAN	QG52xi	WIA	VK4TJ	
29287.5	6	2014	1	1	0120	A3E				ASIAN	QG52xi	WIA	VK4TJ	
29300.0	6	2014	1	1	0120	A3E				ASIAN	QG52xi	WIA	VK4TJ	
29325.0	6	2014	1	1	0120	A3E				ASIAN	QG52xi	WIA	VK4TJ	
29337.5	6	2014	1	1	0850	A3E				ASIAN	QG52xi	WIA	VK4TJ	
29350.0	6	2014	1	1	0845	A3E				ASIAN	QG52xi	WIA	VK4TJ	
29350		2014	01	14	<2340>	2340	F3E	330	CHN	Unid	Non Amateurs Chinese FM S3 two men in QSO	RF73MF	NZART	ZL1GWE
29362.5	6	2014	1	1	0120	A3E				ASIAN	QG52xi	WIA	VK4TJ	
29375.0	6	2014	1	1	0845	A3E				ASIAN	QG52xi	WIA	VK4TJ	
29387.5	6	2014	1	1	0120	A3E				ASIAN	QG52xi	WIA	VK4TJ	
29400.0	6	2014	1	1	0120	A3E				ASIAN	QG52xi	WIA	VK4TJ	
29425.0	6	2014	1	1	0835	A3E				ASIAN	QG52xi	WIA	VK4TJ	
29435.0	6	2014	1	3	0905	A3E				ASIAN	QG52xi	WIA	VK4TJ	
29437.5	6	2014	1	1	0835	A3E				ASIAN	QG52xi	WIA	VK4TJ	
29450.0	6	2014	1	1	0120	A3E				ASIAN	QG52xi	WIA	VK4TJ	
29455.0	6	2014	1	4	0740	A3E				ASIAN	QG52xi	WIA	VK4TJ	
29462.5	6	2014	1	3	0900	A3E				ASIAN	QG52xi	WIA	VK4TJ	
29465.0	6	2014	1	3	0900	A3E				ASIAN	QG52xi	WIA	VK4TJ	
29475.0	6	2014	1	1	0830	A3E				ASIAN	QG52xi	WIA	VK4TJ	
29500.0	6	2014	1	1	0120	A3E				ASIAN	QG52xi	WIA	VK4TJ	
29512.5	6	2014	1	1	0240	A3E				ASIAN	QG52xi	WIA	VK4TJ	
29525.0	8	2014	1	1	0240	F3E				ASIAN	QG52xi	WIA	VK4TJ	
29537.5	6	2014	1	1	0825	A3E				ASIAN	QG52xi	WIA	VK4TJ	
29550.0	6	2014	1	1	0120	A3E				ASIAN	QG52xi	WIA	VK4TJ	
29550		2014	01	DY	<0001- 2200>	0001-2200	F1B	150	?	Unid	RTTY Continuous 150 shift Unknown Baud rate - Unprintable	RF72LQ	NZART	ZL1BAD

29555.0	6	2014	1	3	0845		A3E					ASIAN	QG52xi	WIA	VK4TJ	
29575.0	6	2014	1	1	0120		A3E					ASIAN	QG52xi	WIA	VK4TJ	
29587.5	6	2014	1	6	1025		A3E					ASIAN OTHR, CONTINUOUS, SLOW PULSE RATE	QG52xi	WIA	VK4TJ	
29590.0	20	2014	1	24	1145		P0N						QG52xi	WIA	VK4TJ	
29600.0	6	2014	1	1	0120		A3E					ASIAN	QG52xi	WIA	VK4TJ	
29612.5	6	2014	1	1	0230		A3E					ASIAN	QG52xi	WIA	VK4TJ	
29615.0	6	2014	1	25	0850		A3E					ASIAN AM VK Defence Force working various Maritime Agencies.	QG52xi	WIA	VK4TJ	
29620		2014	01	DY	HX	HX	A2?				?	Unid	RF72LQ	NZART	ZL1BAD	
29625.0	6	2014	1	1	0205		A3E						QG52xi	WIA	VK4TJ	
29637.5	8	2014	1	1	0120		F3E						QG52xi	WIA	VK4TJ	
29650.0	6	2014	1	1	0205		A3E						QG52xi	WIA	VK4TJ	
29650		2014	01	DY	<2025-2200>	2025-2200	F1B	150			?	Unid	RTTY Unknown Baud rate - unprintable RTTY Unknown Baud rate - unprintable	RF72LQ	NZART	ZL1BAD
29650		2014	01	DY	<0001-0600>	0001-0600	F1B	150			?	Unid	Non Amateur transmission RTTY F1B S1-S1 with QSB encrypted	RF72LQ	NZART	ZL1BAD
29650		2014	01	14	<0538>	0538-0559	F1B	82	140	330	?	Unid	ITA2	RF73MF	NZART	ZL1GWE
29655.0	6	2014	1	6	1030		A3E						QG52xi	WIA	VK4TJ	
29662.5	6	2014	1	1	0225		A3E						QG52xi	WIA	VK4TJ	
29675.0	8	2014	1	1	0120		F3E						QG52xi	WIA	VK4TJ	
29678		2014	01	14	<0358>	0358	F1B	82	140	330	?	Unid	Non Amateur transmission RTTY F1B S1-S1 with QSB encrypted ITA2	RF73MF	NZART	ZL1GWE
29687.5	8	2014	1	1	0120		F3E						QG52xi	WIA	VK4TJ	
29700.0	8	2014	1	1	0120		F3E						QG52xi	WIA	VK4TJ	