



INTERNATIONAL AMATEUR RADIO
UNION

REGION THREE

MONITORING SYSTEM NEWS LETTER



December 2016

Titon Dutono, YB3PET

Reports for December 2016 were received from the ARSI, JARL, NZART and WIA

For period of December there were 8 observations from ARSI, 333 observations from JARL, 17 observations from NZART, and also there were 496 observations from WIA. By this month sampling, there were total 854 observations of intruders made across the Region.

The most prominent intruders are as in the following table,

No.	Band	Class Emission	Administration	Description
1.	40m	AIA	RUS	Beacon
		J3E/U	UNID	SRI LANKAN FISHERMEN IN SINHALA; QRM IS UNDERSTOOD
		A1A	UNID	CONTINUOUS DITS – JAMMING SIGNAL?
		A3E	CHN	Chainesse talk and music
		PXX	unknown	unknown pulse only PXX
		J3E	INS	Indonesian language
		VXX	UNID	CODAR-LIKE SWEEPS
2.	30m	VXX	UNID	CODAR-LIKE SWEEPS
3.	20m	PXX	UNID	OTHR
		PON	UNID	OTHR long bursts
4.	15m	PON	UNID	OTHR bursts, no beep tone
5.	12m	VXX	UNID	CODAR-LIKE SWEEPS
6.	10m	A3E	UNID	Asian country
		F3E	UNID	Asian country

Further, 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 the monitoring coordinator, if you don't have a national monitoring coordinator.

For those who would like a CSV file of data please email me at: titondutono@gmail.com

Just a reminder that reports should be sent to the Monitoring Coordinator by the 14th day of each month.

Thanks for your support.

Titon YB3PET

Attachment of Data Report

ARSI: 8 observations

KHz	BW KHz.	YYYY	MM	DD	UTC	EMM	ADM	ID	DESCRIPTION.	GRID	SOCIETY	EQUIPMENT	ANTENNA
7017	2	2016	11	11	<02010-0220>	J3E/U	CLN	UNID	SRI LANKAN FISHERMEN IN QSO IN SINHALA; QRM IS UNDERSTOOD	MK82	ARSI	FT757GX	INV.VEE; VERT;
10101		2016	11	19	<0225-0240>	J3E/U	CLN	UNID	SRI LANKAN FISHERMEN IN SINHALA; QRM IS UNDERSTOOD	MK82	ARSI	FT757GX	INV.VEE; VERT;
7162		2016	11	25	<0205-0220>	J3E/U	CLN	UNID	SRI LANKAN FISHERMEN IN SINHALA; QRM IS UNDERSTOOD	MK82	ARSI	FT757GX	INV.VEE; VERT;
7011		2016	11	29	<0230-0240>	J3E/U	CLN	UNID	SRI LANKAN FISHERMEN IN SINHALA; QRM IS UNDERSTOOD	MK82	ARSI	FT757GX	INV.VEE; VERT;
7003		2016	12	11	<0215-0230>	J3E/U	CLN	UNID	SRI LANKAN FISHERMEN IN SINHALA; QRM IS UNDERSTOOD	MK82	ARSI	FT757GX	INV.VEE; VERT;
14004		2016	12	12	<0215-0225>	J3E/U	UNID	UNID	SOUTH EAST ASIAN -2 OM CONVERSING WITHOUT CALL SIGNS	MK82	ARSI	FT757GX	INV.VEE; VERT;
7025	2	2016	12	9	<1245-1245>	J3E/L	UNID	UNID	QSO between Many OM One pronouncing MARYEYADHA repeatedly	NL06lu	ARSI	IC-70	Vertical with ATU
14205	2	2016	12	17	<1215-1220>	J3E/U	UNID	UNID	QSO between 3 OM Language like South Indian ; S4 signal	NL06lu	ARSI	IC-70	Vertical with ATU

JARL: 333 observations

kHz	BW	YYYY	MM	DD	UTC	Emm	Bd	Sft	Hdg	ADM	ID		Grid	Society
3500.6	3.0	2016	12	06	12:14	A1A						A series of carriers	PM84XT	JARL
3501.0	3.0	2016	12	06	12:15-12:16	A1A						722636886793 K	PM84XT	JARL
3530.0	0.5	2016	12	20	#REF!	A1A						Signal of rhythm	PM84XT	JARL
3530.0	0.5	2016	12	27	#REF!	A1A						Signal of rhythm	PM84XT	JARL
3533.0	3.0	2016	12	06	12:30	J3E/L						Signal of rhythm	PM84XT	JARL
3533.0	3.0	2016	12	13	12:30	J3E/L						Signal of rhythm	PM84XT	JARL
3536.0	0.5	2016	12	20	#REF!	A1A						74uqtde2016 K	PM84XT	JARL
3536.0	0.5	2016	12	20	#REF!	A1A						RR ~	PM84XT	JARL
3575.0	3.0	2016	12	20	#REF!	Jamming						Signal RS:59	PM84XT	JARL
3779.3	0.5	2016	12	27	#REF!	A1A						r11t36r	PM84XT	JARL
3797.8	0.5	2016	12	27	#REF!	A1A						train of "v m81f m81f m81f de ris9 ris9"	PM84XT	JARL
7015.0	5.0	2016	12	13	12:35	Jamming						Signal RS:59	PM84XT	JARL
7038	1	2016	12	01	1006	PXX			non	non	non	unkown pulse only PXX	PM 97	JARL
7038	1	2016	12	01	1104	PXX			non	non	non	unkown pulse only PXX	PM 97	JARL
7038	1	2016	12	02	1006	PXX			non	non	non	unkown pulse only PXX	PM 97	JARL
7038	1	2016	12	03	1006	PXX			non	non	non	unkown pulse only PXX	PM 97	JARL
7038	1	2016	12	03	1106	PXX			non	non	non	unkown pulse only PXX	PM 97	JARL
7038	1	2016	12	04	1006	PXX			non	non	non	unkown puls only PXX	PM 97	JARL
7038	1	2016	12	05	1104	PXX			non	non	non	unkown puls only PXX	PM 97	JARL
7038	1	2016	12	08	1104	PXX			non	non	non	unkown puls only PXX	PM 97	JARL
7038	1	2016	12	09	1006	PXX			non	non	non	unkown puls only PXX	PM 97	JARL

7038	1	2016	12	09	1104	PXX			non	non	non	unkown puls only PXX	PM 97	JARL
7038	1	2016	12	10	1006	PXX			non	non	non	unkown puls only PXX	PM 97	JARL
7038	1	2016	12	10	1104	PXX			non	non	non	unkown puls only PXX	PM 97	JARL
7038	1	2016	12	11	1004	PXX			non	non	non	unkown puls only PXX	PM 97	JARL
7038	1	2016	12	13	1004	PXX			non	non	non	unkown puls only PXX	PM 97	JARL
7038	1	2016	12	14	1104	PXX			non	non	non	unkown puls only PXX	PM 97	JARL
7038	1	2016	12	15	1006	PXX			non	non	non	unkown puls only PXX	PM 97	JARL
7038	1	2016	12	17	1006	PXX			non	non	non	unkown puls only PXX	PM 97	JARL
7038	1	2016	12	17	1110	PXX			non	non	non	unkown puls only PXX	PM 97	JARL
7038	1	2016	12	18	1006	PXX			non	non	non	unkown puls only PXX	PM 97	JARL
7038	1	2016	12	18	1106	PXX			non	non	non	unkown puls only PXX	PM 97	JARL
7038	1	2016	12	19	1104	PXX			non	non	non	unkown puls only PXX	PM 97	JARL
7038	1	2016	12	20	1104	PXX			non	non	non	unkown puls only PXX	PM 97	JARL
7038	1	2016	12	20	1206	PXX			non	non	non	unkown puls only PXX	PM 97	JARL
7038	1	2016	12	22	1104	PXX			non	non	non	unkown puls only PXX	PM 97	JARL
7038	1	2016	12	22	1206	PXX			non	non	non	unkown puls only PXX	PM 97	JARL
7038	1	2016	12	23	1004	PXX			non	non	non	unkown puls only PXX	PM 97	JARL
7038	1	2016	12	23	1104	PXX			non	non	non	unkown puls only PXX	PM 97	JARL
7038	1	2016	12	24	1006	PXX			non	non	non	unkown puls only PXX	PM 97	JARL
7038	1	2016	12	24	1104	PXX			non	non	non	unkown puls only PXX	PM 97	JARL
7038	1	2016	12	24	1206	PXX			non	non	non	unkown puls only PXX	PM 97	JARL
7038	1	2016	12	25	1004	PXX			non	non	non	unkown puls only PXX	PM 97	JARL
7038	1	2016	12	25	1104	PXX			non	non	non	unkown puls only PXX	PM 97	JARL
7038	1	2016	12	26	1104	PXX			non	non	non	unkown puls only PXX	PM 97	JARL
7038	1	2016	12	26	1204	PXX			non	non	non	unkown puls only PXX	PM 97	JARL
7038	1	2016	12	27	1104	PXX			non	non	non	unkown puls only PXX	PM 97	JARL
7038	1	2016	12	29	1200	PXX			non	non	non	unkown puls only PXX	PM 97	JARL
7038	1	2016	12	30	1204	PXX			non	non	non	unkown puls only PXX	PM 97	JARL
7038	1	2016	12	31	1006	PXX			non	non	non	unkown puls only PXX	PM 97	JARL
7038	1	2016	12	31	1104	PXX			non	non	non	unkown puls only PXX	PM 97	JARL
7039	1	2016	12	06	1004	PXX			non	non	non	unkown puls only PXX	PM 97	JARL
7039	1	2016	12	07	1104	PXX			non	non	non	unkown puls only PXX	PM 97	JARL
7039	4	2016	12	10	1000	A3E			non	CHN	M-- signal	Chainese talk and music no time signal	PM 97	JARL
7039	0.5	2016	12	17	1004	A1A			15	RUS	M-- signal	Beacon	PM 97	JARL
7039	0.5	2016	12	17	1106	A1A			15	RUS	M-- signal	Beacon	PM 97	JARL
7039	0.5	2016	12	18	1004	A1A			15	RUS	M-- signal	Beacon	PM 97	JARL
7039	0.5	2016	12	18	1104	A1A			15	RUS	M-- signal	Beacon	PM 97	JARL
7039	0.5	2016	12	18	1204	A1A			15	RUS	M-- signal	Beacon	PM 97	JARL
7039	0.5	2016	12	18	1304	A1A			15	RUS	M-- signal	Beacon	PM 97	JARL
7200	4	2016	12	01	0950	A3E			non	CHN	non	Chainese talk and music	PM 97	JARL

7200	5	2016	12	01	1000	A3E			non	CHN	non	Chainese talk and music Time signal 5+1	PM 97	JARL
7200	4	2016	12	01	1000	A3E			non	CHN	non	Chainese talk and music Time signal 3+1	PM 97	JARL
7200	5	2016	12	01	1100	A3E			non	CHN	non	Chainese talk and music Time signal 5+1	PM 97	JARL
7200	4	2016	12	01	1100	A3E			non	CHN	non	Chainese talk and music Time signal 3+1	PM 97	JARL
7200	5	2016	12	01	1200	A3E			non	CHN	non	Chainese talk and music Time signal 5+1 after QRT	PM 97	JARL
7200	4	2016	12	01	1200	A3E			non	CHN	non	Chainese talk and music no time signsl	PM 97	JARL
7200	3	2016	12	01	1200	A3E			non	CHN	M-- signal	Chainese talk and music	PM 97	JARL
7200	4	2016	12	01	1200	A3E			non	CHN	non	Chainese talk and music	PM 97	JARL
7200	3	2016	12	01	1200	A3E			non	CHN	non	Chainese talk and music Time signal 5+1 2 sec late after QRT	PM 97	JARL
7200	4	2016	12	01	1300	A3E			non	CHN	non	Chainese talk and music Time signal 5+1	PM 97	JARL
7200	3	2016	12	01	1300	A3E			non	CHN	non	Chainese talk and music no time signal	PM 97	JARL
7200	4	2016	12	02	0950	A3E			non	RUS	non	Chainese talk and music	PM 97	JARL
7200	5	2016	12	02	1000	A3E			non	CHN	non	Chainese talk and music Time siganl 5+1	PM 97	JARL
7200	4	2016	12	02	1000	A3E			non	CHN	non	Chainese talk and music Time signal 0+1	PM 97	JARL
7200	5	2016	12	02	1100	A3E			non	CHN	non	Chainese talk and music Time signal 5+1	PM 97	JARL
7200	4	2016	12	02	1100	A3E			non	CHN	non	Chainese talk and music Time signal 3+1	PM 97	JARL
7200	5	2016	12	02	1200	A3E			non	CHN	non	Chainese talk and music Time signal 5+1 after QRT	PM 97	JARL
7200	4	2016	12	02	1200	A3E			non	CHN	non	Chainese talk and music Time signal 3+1 after QRT	PM 97	JARL
7200	4	2016	12	02	1200	A3E			non	CHN	non	Chainese talk and music	PM 97	JARL
7200	3	2016	12	02	1200	A3E			non	CHN	non	Chainese talk and music	PM 97	JARL
7200	4	2016	12	02	1300	A3E			non	CHN	non	Chainese talk and music Time signal 5+1	PM 97	JARL
7200	3	2016	12	02	1300	A3E			non	CHN	non	Chainese talk and music no time signal	PM 97	JARL
7200	4	2016	12	03	0950	A3E			non	CHN	non	Chainese talk and music	PM 97	JARL
7200	5	2016	12	03	1000	A3E			non	CHN	non	Chainese talk and music Time signal 5+1	PM 97	JARL
7200	4	2016	12	03	1000	A3E			non	CHN	non	Chainese talk and music no time signal	PM 97	JARL
7200	5	2016	12	03	1100	A3E			non	CHN	non	Chainese talk and music Time signal 5+1	PM 97	JARL

7200	4	2016	12	03	1100	A3E			non	CHN	non	Chainese talk and music Time signal 3+1	PM 97	JARL
7200	5	2016	12	03	1200	A3E			non	CHN	non	Chainese talk and music Time signal 5+1 after QRT	PM 97	JARL
7200	4	2016	12	03	1200	A3E			non	CHN	non	Chainese talk and music Time signal 3+1 after QRT	PM 97	JARL
7200	4	2016	12	03	1200	A3E			non	CHN	non	Chainese talk and music	PM 97	JARL
7200	3	2016	12	03	1200	A3E			non	CHN	non	Chainese talk and music	PM 97	JARL
7200	4	2016	12	03	1300	A3E			non	CHN	non	Chainese talk and music	PM 97	JARL
7200	3	2016	12	03	1300	A3E			non	CHN	non	Chainese talk and music	PM 97	JARL
7200	4	2016	12	04	0950	A3E			non	CHN	non	Chainese talk and music	PM 97	JARL
7200	5	2016	12	04	1000	A3E			non	CHN	non	Chainese talk and music Time signal 5+1	PM 97	JARL
7200	4	2016	12	04	1000	A3E			non	CHN	non	Chainese talk and music Time signal 3+1	PM 97	JARL
7200	5	2016	12	04	1100	A3E			non	CHN	non	Chainese talk and music Time signal 5+1	PM 97	JARL
7200	4	2016	12	04	1100	A3E			non	CHN	non	Chainese talk and music Time signal 3+1	PM 97	JARL
7200	5	2016	12	04	1200	A3E			non	CHN	non	Chainese talk and music Time signal 5+1 after QRT	PM 97	JARL
7200	4	2016	12	04	1200	A3E			non	CHN	non	Chainese talk and music Time signal 3+1 after QRT	PM 97	JARL
7200	4	2016	12	04	1200	A3E			non	CHN	non	Chainese talk and music	PM 97	JARL
7200	3	2016	12	04	1200	A3E			non	CHN	non	Chainese talk and music	PM 97	JARL
7200	4	2016	12	04	1300	A3E			non	CHN	non	Chainese talk and music Time signal 5+1	PM 97	JARL
7200	3	2016	12	04	1300	A3E			non	CHN	non	Chainese talk and music no time signal	PM 97	JARL
7200	5	2016	12	05	1100	A3E			non	CHN	non	Chainese talk and music Time signal 5+1	PM 97	JARL
7200	3	2016	12	05	1100	A3E			non	CHN	non	Chainese talk and music Time signal 3+1	PM 97	JARL
7200	5	2016	12	05	1200	A3E			non	CHN	non	Chainese talk and music Time signal 5+1 after QRT	PM 97	JARL
7200	4	2016	12	05	1200	A3E			non	CHN	non	Chainese talk and music Time signal 3+1 after QRT	PM 97	JARL
7200	4	2016	12	05	1200	A3E			non	CHN	non	Chainese talk and music	PM 97	JARL
7200	3	2016	12	05	1200	A3E			non	CHN	non	Chainese talk and music	PM 97	JARL
7200	4	2016	12	05	1300	A3E			non	CHN	non	Chainese talk and music Time signal 5+1	PM 97	JARL
7200	3	2016	12	05	1300	A3E			non	CHN	non	Chainese talk and music no time shigal	PM 97	JARL
7200	5	2016	12	06	1000	A3E			non	CHN	non	Chainese talk and music Time signal 5+1	PM 97	JARL

7200	4	2016	12	06	1000	A3E			non	CHN	non	Chainese talk and music Time signal 3+1	PM 97	JARL
7200	5	2016	12	06	1100	A3E			non	CHN	non	Chainese talk and music Time signal 5+1	PM 97	JARL
7200	4	2016	12	06	1100	A3E			non	CHN	non	Chainese talk and music Time signal 3+1	PM 97	JARL
7200	5	2016	12	06	1200	A3E			non	CHN	non	Chainese talk and music Time signal 5+1 after QRT	PM 97	JARL
7200	4	2016	12	06	1200	A3E			non	CHN	non	Chainese talk and music Time signal 3+1 after QRT	PM 97	JARL
7200	4	2016	12	06	1200	A3E			non	CHN	non	Chainese talk and music	PM 97	JARL
7200	3	2016	12	06	1200	A3E			non	CHN	non	Chainese talk and music	PM 97	JARL
7200	4	2016	12	06	1300	A3E			non	CHN	non	Chainese talk and music Time signal 5+1	PM 97	JARL
7200	3	2016	12	06	1300	A3E			non	CHN	non	Chainese talk and music no time signal	PM 97	JARL
7200	5	2016	12	07	1100	A3E			non	CHN	non	Chainese talk and music Time signal 5+1	PM 97	JARL
7200	3	2016	12	07	1100	A3E			non	CHN	non	Chainese talk and music Time signal 3+1	PM 97	JARL
7200	5	2016	12	07	1200	A3E			non	CHN	non	Chainese talk and music Time signal 5+1 after QRT	PM 97	JARL
7200	4	2016	12	07	1200	A3E			non	CHN	non	Chainese talk and music no time signal after QRT	PM 97	JARL
7200	4	2016	12	07	1200	A3E			non	CHN	non	Chainese talk and music	PM 97	JARL
7200	3	2016	12	07	1200	A3E			non	CHN	non	Chainese talk and music	PM 97	JARL
7200	4	2016	12	07	1300	A3E			non	CHN	non	Chainese talk and music Time signal 5+1 after QRT	PM 97	JARL
7200	3	2016	12	07	1300	A3E			non	CHN	non	Chainese talk and music no time signal after QRT	PM 97	JARL
7200	5	2016	12	08	1100	A3E			non	CHN	non	Chainese talk and music Time signal 5+1	PM 97	JARL
7200	4	2016	12	08	1100	A3E			non	CHN	non	Chainese talk and music Time signal 3+1	PM 97	JARL
7200	5	2016	12	08	1200	A3E			non	CHN	non	Chainese talk and music Time signal 5+1 after QRT	PM 97	JARL
7200	4	2016	12	08	1200	A3E			non	CHN	non	Chainese talk and music Time signal 3+1 after QRT	PM 97	JARL
7200	4	2016	12	08	1200	A3E			non	CHN	non	Chainese talk and music	PM 97	JARL
7200	3	2016	12	08	1200	A3E			non	CHN	non	Chainese talk and music	PM 97	JARL
7200	4	2016	12	08	1300	A3E			non	CHN	non	Chainese talk and music Time signal 5+1 after QRT	PM 97	JARL
7200	3	2016	12	08	1300	A3E			non	CHN	non	Chainese talk and music no time signal after QRT	PM 97	JARL
7200	4	2016	12	09	0950	A3E			non	CHN	non	Chainese talk and music	PM 97	JARL

7200	5	2016	12	09	1000	A3E			non	CHN	non	Chainese talk and music Time signal 5+1	PM 97	JARL
7200	4	2016	12	09	1000	A3E			non	CHN	non	Chainese talk and music Time signal 3+1	PM 97	JARL
7200	5	2016	12	09	1100	A3E			non	CHN	non	Chainese talk and music Time signal 5+1	PM 97	JARL
7200	4	2016	12	09	1100	A3E			non	CHN	non	Chainese talk and music Time signal 3+1	PM 97	JARL
7200	5	2016	12	09	1200	A3E			non	CHN	non	Chainese talk and music Time signal 5+1 after QRT	PM 97	JARL
7200	4	2016	12	09	1200	A3E			non	CHN	M-- signal	Chainese talk and music Time signal 3+1 after QRT	PM 97	JARL
7200	4	2016	12	09	1200	A3E			non	CHN	M-- signal	Chainese talk and music	PM 97	JARL
7200	3	2016	12	09	1200	A3E			non	CHN	non	Chainese talk and music	PM 97	JARL
7200	4	2016	12	09	1300	A3E			non	CHN	non	Chainese talk and music Time signal 5+1 after QRT	PM 97	JARL
7200	3	2016	12	09	1300	A3E			non	CHN	M-- signal	Chainese talk and music no time signal after QRT	PM 97	JARL
7200	4	2016	12	10	0950	A3E			non	CHN	non	Chainese talk and music	PM 97	JARL
7200	5	2016	12	10	1000	A3E			non	CHN	non	Chainese talk and music Time signal 5+1	PM 97	JARL
7200	5	2016	12	10	1100	A3E			non	CHN	non	Chainese talk and music Time signal 5+1	PM 97	JARL
7200	4	2016	12	10	1100	A3E			non	CHN	non	Chainese talk and music Time signal 3+1	PM 97	JARL
7200	5	2016	12	10	1200	A3E			non	CHN	non	Chainese talk and music Time signal 5+1 after QRT	PM 97	JARL
7200	4	2016	12	10	1200	A3E			non	CHN	non	Chainese talk and music Time signal 5+1 16 sec late after QRT	PM 97	JARL
7200	4	2016	12	10	1200	A3E			non	CHN	non	Chainese talk and music	PM 97	JARL
7200	3	2016	12	10	1200	A3E			non	CHN	non	Chainese talk and music	PM 97	JARL
7200	4	2016	12	10	1300	A3E			non	CHN	non	Chainese talk and music Time signal 5+1 after QRT	PM 97	JARL
7200	3	2016	12	10	1300	A3E			non	CHN	non	Chainese talk and music no time signal after QRT	PM 97	JARL
7200	5	2016	12	11	1000	A3E			non	CHN	non	Chainese talk and music Time signal 5+1	PM 97	JARL
7200	4	2016	12	11	1000	A3E			non	CHN	non	Chainese talk and music Time signal 3+1	PM 97	JARL
7200	5	2016	12	11	1100	A3E			non	CHN	non	Chainese talk and music Time signal 5+1	PM 97	JARL
7200	4	2016	12	11	1100	A3E			non	CHN	non	Chainese talk and music no time signal	PM 97	JARL

7200	5	2016	12	11	1200	A3E			non	CHN	non	Chainese talk and music Time signal 5+1 after QRT	PM 97	JARL
7200	4	2016	12	11	1200	A3E			non	CHN	non	Chainese talk and music Time signal 5+1 16 sec late after QRT	PM 97	JARL
7200	4	2016	12	11	1200	A3E			non	CHN	non	Chainese talk and music	PM 97	JARL
7200	3	2016	12	11	1200	A3E			non	CHN	non	Chainese talk and music	PM 97	JARL
7200	4	2016	12	11	1300	A3E			non	CHN	non	Chainese talk and music Time signal 5+1 after QET	PM 97	JARL
7200	3	2016	12	11	1300	A3E			non	CHN	non	Chainese talk and music no time signal after QRT	PM 97	JARL
7200	5	2016	12	12	1100	A3E			non	CHN	non	Chainese talk and music Time signal 5+1	PM 97	JARL
7200	4	2016	12	12	1100	A3E			non	CHN	non	Chainese talk and music Time signal 0+1 ?	PM 97	JARL
7200	5	2016	12	12	1200	A3E			non	CHN	non	Chainese talk and music Time signal 5+1 after QRT	PM 97	JARL
7200	4	2016	12	12	1200	A3E			non	CHN	non	Chainese talk and music Time signal 3+1 after QRT	PM 97	JARL
7200	4	2016	12	12	1200	A3E			non	CHN	non		PM 97	JARL
7200	3	2016	12	12	1200	A3E			non	CHN	non		PM 97	JARL
7200	4	2016	12	12	1300	A3E			non	CHN	non	Chainese talk and music Time signal 5+1 after QRT	PM 97	JARL
7200	3	2016	12	12	1300	A3E			non	CHN	non	Chainese talk and music no time signal	PM 97	JARL
7200	5	2016	12	13	1000	A3E			non	CHN	non	Chainese talk and music Time signal 5+1	PM 97	JARL
7200	4	2016	12	13	1000	A3E			non	CHN	non	Chainese talk and music no time signal	PM 97	JARL
7200	5	2016	12	13	1100	A3E			non	non	non	Chainese talk and music Time signal 5+1	PM 97	JARL
7200	4	2016	12	13	1100	A3E			non	CHN	non	Chainese talk and music Time signal 3+1	PM 97	JARL
7200	5	2016	12	13	1200	A3E			non	CHN	non	Chainese talk and music Time signal 5+1 after QRT	PM 97	JARL
7200	4	2016	12	13	1200	A3E			non	CHN	non	Chainese talk and music Time signal 3+1 after QRT	PM 97	JARL
7200	4	2016	12	13	1200	A3E			non	CHN	non	Chainese talk and music	PM 97	JARL
7200	3	2016	12	13	1200	A3E			non	CHN	non	Chainese talk and music	PM 97	JARL
7200	4	2016	12	13	1300	A3E			non	CHN	non	Chainese talk and music Time signal 3+1 after QRT	PM 97	JARL
7200	3	2016	12	13	1300	A3E			non	CHN	non	Chainese talk and music	PM 97	JARL

7200	5	2016	12	14	1100	A3E			non	CHN	non	Chainese talk and music Time signal 5+1	PM 97	JARL
7200	4	2016	12	14	1100	A3E			non	CHN	non	Chainese talk and music Time signal 3+1	PM 97	JARL
7200	5	2016	12	14	1200	A3E			non	CHN	non	Chainese talk and music Time signal 5+1 after QRT	PM 97	JARL
7200	4	2016	12	14	1200	A3E			non	non	non	Chainese talk and music Time signal 3+1 after QRT	PM 97	JARL
7200	4	2016	12	14	1200	A3E			non	CHN	non	Chainese talk and music	PM 97	JARL
7200	3	2016	12	14	1200	A3E			non	CHN	non	Chainese talk and music	PM 97	JARL
7200	5	2016	12	15	1000	A3E			non	CHN	non	Chainese talk and music Time signal 5+1	PM 97	JARL
7200	3	2016	12	15	1000	A3E			non	CHN	non	Chainese talk and music no time signal	PM 97	JARL
7200	5	2016	12	15	1100	A3E			non	CHN	non	Chainese talk and music Time signal 5+1	PM 97	JARL
7200	4	2016	12	15	1100	A3E			non	CHN	non	Chainese talk and music Time signal 3+1	PM 97	JARL
7200	5	2016	12	15	1200	A3E			non	CHN	non	Chainese talk and music Time signal 5+1 after QRT	PM 97	JARL
7200	4	2016	12	15	1200	A3E			non	non	non	Chainese talk and music no time signal after QRT	PM 97	JARL
7200	4	2016	12	15	1200	A3E			non	CHN	non	Chainese talk and music Time signal 5+1 after QRT	PM 97	JARL
7200	3	2016	12	15	1200	A3E			non	CHN	non	Chainese talk and music Time signal 5+1	PM 97	JARL
7200	5	2016	12	16	1200	A3E			non	CHN	non	Chainese talk and music Time signal 5+1 after QRT	PM 97	JARL
7200	4	2016	12	16	1200	A3E			non	CHN	non	Chainese talk and music Time signal 3+1 after QRT	PM 97	JARL
7200	4	2016	12	16	1200	A3E			non	CHN	non	Chainese talk and music	PM 97	JARL
7200	3	2016	12	16	1200	A3E			non	CHN	non	Chainese talk and music	PM 97	JARL
7200	4	2016	12	16	1300	A3E			non	CHN	non	Chainese talk and music Time signal 5+1 after QRT	PM 97	JARL
7200	3	2016	12	16	1300	A3E			non	CHN	non	Chainese talk and music no time signal after QRT	PM 97	JARL
7200	5	2016	12	17	1000	A3E			non	CHN	non	Chainese talk and music Time signal 5+1	PM 97	JARL
7200	3	2016	12	17	1000	A3E			non	CHN	non	Chainese talk and music no time signal	PM 97	JARL
7200	5	2016	12	17	1100	A3E			non	CHN	non	Chainese talk and music Time signal 5+1	PM 97	JARL

7200	4	2016	12	17	1100	A3E			non	CHN	non	Chainese talk and music Time signal 3+1	PM 97	JARL
7200	5	2016	12	17	1200	A3E			non	CHN	non	Chainese talk and music Time signal 5+1 after QRT	PM 97	JARL
7200	4	2016	12	17	1200	A3E			non	CHN	non	Chainese talk and music no time signal after QRT	PM 97	JARL
7200	4	2016	12	17	1200	A3E			non	CHN	non	Chainese talk and music	PM 97	JARL
7200	3	2016	12	17	1200	A3E			non	CHN	non	Chainese talk and music	PM 97	JARL
7200	4	2016	12	17	1300	A3E			non	CHN	non	Chainese talk and music Time signal 5+1 after QRT	PM 97	JARL
7200	3	2016	12	17	1300	A3E			non	CHN	non	Chainese talk and music no time signal after QRT	PM 97	JARL
7200	5	2016	12	18	1000	A3E			non	CHN	non	Chainese talk and music Time signal 5+1	PM 97	JARL
7200	3	2016	12	18	1000	A3E			non	CHN	non	Chainese talk and music Time signal 3+1	PM 97	JARL
7200	5	2016	12	18	1100	A3E			non	CHN	non	Chainese talk and music Time signal 5+1	PM 97	JARL
7200	4	2016	12	18	1100	A3E			non	CHN	non	Chainese talk and music Time signal 3+1	PM 97	JARL
7200	5	2016	12	18	1200	A3E			non	CHN	non	Chainese talk and music Time signal 5+1 after QRT	PM 97	JARL
7200	4	2016	12	18	1200	A3E			non	CHN	non	Chainese talk and music Time signal 3+1 after QRT	PM 97	JARL
7200	4	2016	12	18	1200	A3E			non	CHN	non	Chainese talk and music	PM 97	JARL
7200	3	2016	12	18	1200	A3E			non	CHN	non	Chainese talk and music	PM 97	JARL
7200	4	2016	12	18	1300	A3E			non	CHN	non	Chainese talk and music Time signal 5+1 after QRT	PM 97	JARL
7200	3	2016	12	18	1300	A3E			non	CHN	non	Chainese talk and music no time signal after QRT	PM 97	JARL
7200	5	2016	12	19	1100	A3E			non	CHN	non	Chainese talk and music Time signal 5+1	PM 97	JARL
7200	4	2016	12	19	1100	A3E			non	CHN	non	Chainese talk and music Time signal 3+1	PM 97	JARL
7200	5	2016	12	19	1200	A3E			non	CHN	non	Chainese talk and music Time signal 5+1 after QRT	PM 97	JARL
7200	4	2016	12	19	1200	A3E			non	CHN	non	Chainese talk and music Time signal 3+1 sfter QRT	PM 97	JARL
7200	4	2016	12	19	1200	A3E			non	CHN	non	Chainese talk and music	PM 97	JARL
7200	3	2016	12	19	1200	A3E			non	CHN	non	Chainese talk and music	PM 97	JARL

7200	4	2016	12	19	1300	A3E			non	CHN	non	Chainese talk and music Time signal 5+1 after QRT	PM 97	JARL
7200	3	2016	12	19	1300	A3E			non	CHN	non	Chainese talk and music no time signal after QRT	PM 97	JARL
7200	5	2016	12	20	1100	A3E			non	CHN	non	Chainese talk and music Time signal 5+1	PM 97	JARL
7200	4	2016	12	20	1100	A3E			non	CHN	non	Chainese talk and music Time signal 3+1	PM 97	JARL
7200	5	2016	12	20	1200	A3E			non	CHN	non	Chainese talk and music Time signal 5+1 after QRT	PM 97	JARL
7200	4	2016	12	20	1200	A3E			non	CHN	non	Chainese talk and music Time signal 3+1 after QRT	PM 97	JARL
7200	4	2016	12	20	1200	A3E			non	CHN	non	Chainese talk and music	PM 97	JARL
7200	3	2016	12	20	1200	A3E			non	CHN	non	Chainese talk and music	PM 97	JARL
7200	4	2016	12	20	1300	A3E			non	CHN	non	Chainese talk and music Time signal 5+1 afte QRT	PM 97	JARL
7200	3	2016	12	20	1300	A3E			non	CHN	non	Chainese talk and music no time signal after QRT	PM 97	JARL
7200	5	2016	12	21	1200	A3E			non	CHN	non	Chainese talk and music Time signal 5+1 after QRT	PM 97	JARL
7200	4	2016	12	21	1200	A3E			non	CHN	non	Chainese talk and music Time signal 3+1 after QRT	PM 97	JARL
7200	4	2016	12	21	1200	A3E			non	CHN	non	Chainese talk and music	PM 97	JARL
7200	3	2016	12	21	1200	A3E			non	CHN	non	Chainese talk and music	PM 97	JARL
7200	4	2016	12	21	1300	A3E			non	CHN	non	Chainese talk and music Time signal 5+1	PM 97	JARL
7200	3	2016	12	21	1300	A3E			non	CHN	non	Chainese talk and music no time signal	PM 97	JARL
7200	5	2016	12	22	1100	A3E			non	CHN	non	Chainese talk and music Time signal 5+1	PM 97	JARL
7200	4	2016	12	22	1100	A3E			non	CHN	non	Chainese talk and music Time signal 3+1	PM 97	JARL
7200	5	2016	12	22	1200	A3E			non	CHN	non	Chainese talk and music Time signal 5+1 after QRT	PM 97	JARL
7200	4	2016	12	22	1200	A3E			non	CHN	non	Chainese talk and music Time signal 3+1 after QRT	PM 97	JARL
7200	4	2016	12	22	1200	A3E			non	CHN	non	Chainese talk and music	PM 97	JARL
7200	3	2016	12	22	1200	A3E			non	CHN	non	Chainese talk and music	PM 97	JARL
7200	4	2016	12	22	1300	A3E			non	CHN	non	Chainese talk and music Time signal 5+1 after QRT	PM 97	JARL

7200	3	2016	12	22	1300	A3E			non	CHN	non	Chainese talk and music no time signal after QRT	PM 97	JARL
7200	5	2016	12	23	1000	A3E			non	CHN	non	Chainese talk and music Time signal 5+1	PM 97	JARL
7200	4	2016	12	23	1000	A3E			non	CHN	non	Chainese talk and music Time signal 3+1	PM 97	JARL
7200	5	2016	12	23	1100	A3E			non	CHN	non	Chainese talka nd music Time signal 5+1	PM 97	JARL
7200	4	2016	12	23	1100	A3E			non	CHN	non	Chainese talk and music Time signal 3+1	PM 97	JARL
7200	5	2016	12	23	1200	A3E			non	CHN	non	Chainese talk and music Time signal 5+1 after QRT	PM 97	JARL
7200	4	2016	12	23	1200	A3E			non	CHN	non	Chainese talk and music Time signal 3+1 after QRT	PM 97	JARL
7200	4	2016	12	23	1200	A3E			non	CHN	non	Chainese talk and music	PM 97	JARL
7200	3	2016	12	23	1200	A3E			non	CHN	non	Chainese talk and music	PM 97	JARL
7200	4	2016	12	23	1300	A3E			non	CHN	non	Chainese talk and music Time signal 5+1 after QRT	PM 97	JARL
7200	3	2016	12	23	1300	A3E			non	CHN	non	Chainese talk and music no time signal after QRT	PM 97	JARL
7200	4	2016	12	24	0956	A3E			non	CHN	non	Chainese talk and music	PM 97	JARL
7200	5	2016	12	24	1000	A3E			non	CHN	non	Chainese talk and music Time signal 5+1	PM 97	JARL
7200	4	2016	12	24	1000	A3E			non	CHN	non	Chainese talk and music no time signal	PM 97	JARL
7200	5	2016	12	24	1100	A3E			non	CHN	non	Chainese talk and music Time signal 5+1	PM 97	JARL
7200	4	2016	12	24	1100	A3E			non	CHN	non	Chainese talk and music Time signal 3+1	PM 97	JARL
7200	5	2016	12	24	1200	A3E			non	CHN	non	Chainese talk and music Time signal 5+1 after QRT	PM 97	JARL
7200	4	2016	12	24	1200	A3E			non	CHN	non	Chainese talk and music Time signal 3+1 after QRT	PM 97	JARL
7200	4	2016	12	24	1200	A3E			non	CHN	non	Chainese talk and music	PM 97	JARL
7200	3	2016	12	24	1200	A3E			non	CHN	non	Chainese talk and music	PM 97	JARL
7200	4	2016	12	24	1300	A3E			non	CHN	non	Chainese talk and music Time signal 5+1 after QRT	PM 97	JARL
7200	3	2016	12	24	1300	A3E			non	CHN	non	Chainese talk and music no time signal after QRT	PM 97	JARL
7200	5	2016	12	25	1000	A3E			non	CHN	non	Chainese talk and music Time signal 5+1	PM 97	JARL

7200	4	2016	12	25	1000	A3E			non	CHN	non	Chainese talk and music Time signal 0+1 ?	PM 97	JARL
7200	5	2016	12	25	1100	A3E			non	CHN	non	Chainese talk and music Time signal 5+1	PM 97	JARL
7200	4	2016	12	25	1100	A3E			non	CHN	non	Chainese talk and music Time signal 3+1	PM 97	JARL
7200	5	2016	12	25	1200	A3E			non	CHN	non	Chainese talk and music Time signal 5+1 after QRT	PM 97	JARL
7200	4	2016	12	25	1200	A3E			non	CHN	non	Chainese talk and music Time signal 3+1 after QRT	PM 97	JARL
7200	4	2016	12	25	1200	A3E			non	CHN	non	Chainese talk and music	PM 97	JARL
7200	3	2016	12	25	1200	A3E			non	CHN	non	Chainese talk and music	PM 97	JARL
7200	4	2016	12	25	1300	A3E			non	CHN	non	Chainese talk and music Time signal 5+1 after QRT	PM 97	JARL
7200	3	2016	12	25	1300	A3E			non	CHN	non	Chainese talk and music no time signal	PM 97	JARL
7200	5	2016	12	26	1100	A3E			non	CHN	non	Chainese talk and music Time signal 5+1	PM 97	JARL
7200	4	2016	12	26	1100	A3E			non	CHN	non	Chainese talk and music Time signal 3+1	PM 97	JARL
7200	5	2016	12	26	1200	A3E			non	CHN	non	Chainese talk and music Time signal 5+1 after QRT	PM 97	JARL
7200	4	2016	12	26	1200	A3E			non	CHN	non	Chainese talk and music Time signal 3+1 after QRT	PM 97	JARL
7200	4	2016	12	26	1200	A3E			non	CHN	non	Chainese talk and music	PM 97	JARL
7200	3	2016	12	26	1200	A3E			non	CHN	non	Chainese talk and music	PM 97	JARL
7200	4	2016	12	26	1300	A3E			non	CHN	non	Chainese talk and music Time signal 5+1 after QRT	PM 97	JARL
7200	3	2016	12	26	1300	A3E			non	CHN	non	Chainese talk and music no time signal after QRT	PM 97	JARL
7200	5	2016	12	27	1100	A3E			non	CHN	non	Chainese talk and music Time signal 5+1	PM 97	JARL
7200	4	2016	12	27	1100	A3E			non	CHN	non	Chainese talk and music Time signal 3+1	PM 97	JARL
7200	5	2016	12	27	1200	A3E			non	CHN	non	Chainese talk and music Time signal 5+1 after QRT	PM 97	JARL
7200	4	2016	12	27	1200	A3E			non	CHN	non	Chainese talk and music Time signal 3+1 after QRT	PM 97	JARL
7200	4	2016	12	27	1200	A3E			non	CHN	non	Chainese talk and music	PM 97	JARL
7200	3	2016	12	27	1200	A3E			non	CHN	non	Chainese talk and music	PM 97	JARL

7200	4	2016	12	27	1300	A3E			non	CHN	non	Chainese talk and music Time signal 5+1 after QRT	PM 97	JARL
7200	3	2016	12	27	1300	A3E			non	CHN	non	Chainese talk and music no time signal after QRT	PM 97	JARL
7200	5	2016	12	28	1200	A3E			non	CHN	non	Chainese talk and music Time signal 5+1 after QRT	PM 97	JARL
7200	4	2016	12	28	1200	A3E			non	CHN	non	Chainese talk and music Time signal 3+1 after QRT	PM 97	JARL
7200	4	2016	12	28	1200	A3E			non	CHN	non	Chainese talk and music	PM 97	JARL
7200	3	2016	12	28	1200	A3E			non	CHN	non	Chainese talk and music	PM 97	JARL
7200	4	2016	12	28	1300	A3E			non	CHN	non	Chainese talk and music Time signal 5+1 after QRT	PM 97	JARL
7200	3	2016	12	28	1300	A3E			non	CHN	non	Chainese talk and music no time signal after QRT	PM 97	JARL
7200	5	2016	12	29	1200	A3E			non	CHN	non	Chainese talk and music Time signal 5+1 after QRT	PM 97	JARL
7200	4	2016	12	29	1200	A3E			non	CHN	non	Chainese talk and music Time signal 3+1 after QRT	PM 97	JARL
7200	4	2016	12	29	1200	A3E			non	CHN	non	Chainese talk and music	PM 97	JARL
7200	3	2016	12	29	1200	A3E			non	CHN	non	Chainese talk and music	PM 97	JARL
7200	4	2016	12	29	1300	A3E			non	CHN	non	Chainese talk and music Time signal 5+1 after QRT	PM 97	JARL
7200	3	2016	12	29	1300	A3E			non	CHN	non	Chainese talk and music no time signal after QRT	PM 97	JARL
7200	5	2016	12	30	1200	A3E			non	CHN	non	Chainese talk and music Time signal 5+1 after QRT	PM 97	JARL
7200	4	2016	12	30	1200	A3E			non	CHN	non	Chainese talk and music Time signal 3+1 after QRT	PM 97	JARL
7200	4	2016	12	30	1200	A3E			non	CHN	non	Chainese talk and music	PM 97	JARL
7200	3	2016	12	30	1200	A3E			non	CHN	non	Chainese talk and music	PM 97	JARL
7200	4	2016	12	30	1300	A3E			non	CHN	non	Chainese talk and music Time signal 5+1 after QRT	PM 97	JARL
7200	3	2016	12	30	1300	A3E			non	CHN	non	Chainese talk and music no time signal after QRT	PM 97	JARL
7200	5	2016	12	31	1000	A3E			non	CHN	non	Chainese talk ans music Time signal 5+1	PM 97	JARL

7200	4	2016	12	31	1000	A3E			non	CHN	non	Chainese talk and music no time signal	PM 97	JARL
7200	5	2016	12	31	1100	A3E			non	CHN	non	Chainese talk and music Time signal 5+1	PM 97	JARL
7200	4	2016	12	31	1100	A3E			non	CHN	non	Chainese talk and music Time signal 3+1	PM 97	JARL
7200	5	2016	12	31	1200	A3E			non	CHN	non	Chainese talk and music Time signal 5+1 after QRT	PM 97	JARL
7200	4	2016	12	31	1200	A3E			non	CHN	non	Chainese talk and music no time signal after QRT	PM 97	JARL
7200	4	2016	12	31	1200	A3E			non	CHN	non	Chainese and and music	PM 97	JARL
7200	3	2016	12	31	1200	A3E			non	CHN	non	Chainese talk and music	PM 97	JARL
7200	4	2016	12	31	1300	A3E			non	CHN	non	Chainese talk and music Time signal 5+1 after QRT	PM 97	JARL
7200	3	2016	12	31	1300	A3E			non	CHN	non	Chainese talk and music no time signal after QRT	PM 97	JARL

NZART: 17 observations

kHz	BW	YYYY	Mon	DD	GMT	UTC	Emm	Bd	Sft	Hdg	ADM	ID	Description	Grid	Society
10125	20	2016	12	17	<0634>	0634	PXX				CYP	?	OTHR 40 metres Cyprus continuous	RF70BW	ZL2APV
14071	80	2016	12	24	<0526>	0526-0649	PXX				Unid	?	OTHR continous 24 pps S4	RF73MF	ZL1GWE
14094.5	161	2016	12	18	<0658>	0658	PXX				Unid	?	OTHR S6 47 second bursts 11 pps large bandwidth taken up	RF73MF	ZL1GWE
14106	156	2016	12	23	<0520>	0520	PXX				Unid	?	OTHR S5 10 pps 52 second bursts overlapping Cyprus OYHER	Rf73MF	ZL1GWE
14176.5	156	2016	12	23	<0520>	0520	PXX				Unid	?	OTHR S5 10 pps 52 second bursts moving up and down the band	RF73MF	ZL1GWE
14184	10	2016	12	23	<0617>	0617	PXX				Unid	?	OTHR S5 10 pps 64 second bursts	RF73MF	ZL1GWE
14190	100	2016	12	23	<0515>	0515	PXX				Unid	?	OTHR S5 continuous 25 pps 100 kHz wide overlapping 10 pps going as well	RF73MF	ZL1GWE
14292	10	2016	12	24	<0530>	0530	PXX				CHN	?	OTHR S7 3.7 second bursts 66 pps or 66.66 pps 1 min 28 second btw bursts	RF73MF	ZL1GWE
14295		2016	12	22	<0407>	0407	A3E				TJK	Radio Tadjikistan	BC Stn 3rd harmonic of Radio Tadjikistan Music playing - 4765 kHz	RF74BR	ZL1PWM
14345	12	2016	12	04	<0711>	0711	G7D	2400			Unid	?	NATO Stanag 4285 8-PSK 2400 Baud S7 continuous	RF73MF	ZL1GWE
14345	12	2016	12	05	<0739>	0739	G7D	2400			Unid	?	NATO Stanag 4285 8-PSK 2400 Baud S8 continuous	RF73MF	ZL1GWE
18064.5	21	2016	12	24	<0516>	0516	PXX				CYP	?	OTHR Cyprus 50 pps S5 very clean signal continous	RF73MF	ZL1GWE
21092.5	11	2016	12	25	<0342>	0342	PXX				RUS	?	OTHR S7 5 second bursts 50 pps with wide side bands	RF73MF	ZL1GWE

21236.5	90	2016	12	25	<0349>	0349	PXX				Unid	?	OTHR S7 44 pps 6 second bursts wide residual sidebands	RF73MF	ZL1GWE
21287.5	10	2016	12	20	<0548>	0548	PXX				Unid	?	OTHR S7 5.4 second bursts 48 pps	RF73MF	ZL1GWE
21290	20	2016	12	27	<0649>	0649-0558	PXX				CYP	?	OTHR 50 pps S5 Nice clean signal - Cyprus	RF73MF	ZL1GWE
21365	10	2016	12	20	<0355>	0355	PXX				Unid	?	OTHR S6 6.4 second bursts 38 pps	RF73MF	ZL1GWE

WIA: 496 observations

Freq kHz	BW	YYYY	MM	DD	GMT	UTC	Emm	Bd	Sft	Hdg	ADM	ID	Description	Grid	Society	Notes
3500,0	3	2016	12	24	1935		J3E/U						ASIAN	QG62an	WIA	VK4TJ
3500,5	1	2016	12	2	1935		F1A						DAILY	QG62an	WIA	VK4TJ
3500,5		2016	12	16	1945		A1A						NUMBER CIPHER	QG62an	WIA	VK4TJ
3501,0		2016	12	23	1825		N0N						DAILY	QG62an	WIA	VK4TJ
3508,0	3	2016	12	29	1930		J3E/U						GERMAN SPEAKER	QG62an	WIA	VK4TJ
3516,0	3	2016	12	11	0955		J3E/U				JPN		JAPANESE FISHBOATS, ENGINE NOISE	QG62an	WIA	VK4TJ
3517,0	3	2016	12	11	0955		J3E/U						ASIAN	QG62an	WIA	VK4TJ
3524,0	5	2016	12	23	1825		G7D						CHANGED TO N0N AT 1828Z	QG62an	WIA	VK4TJ
3525,0	2	2016	12	1	2010		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
3532,0	5	2016	12	14	1915		G7D						BURSTS	QG62an	WIA	VK4TJ
3535,0	50	2016	12	24	1950		P0N						OTHR	QG62an	WIA	VK4TJ
3543,0	5	2016	12	12	1935		G1D						BROAD PSK WITH BREAKS	QG62an	WIA	VK4TJ
3550,0	50	2016	12	29	1945		P0N						OTHR	QG62an	WIA	VK4TJ
3550,0		2016	12	12	1935		N0N							QG62an	WIA	VK4TJ
3551,0	5	2016	12	12	1935		G1D						BROAD PSK & FSK	QG62an	WIA	VK4TJ
3554,0	5	2016	12	27	1915		G1D						BROAD PSK	QG62an	WIA	VK4TJ
3555,5	5	2016	12	15	1925		G7D						DOZENS OF SUBCARRIERS ON CLOSE-SPACED INTERVALS	QG62an	WIA	VK4TJ
3561,0	5	2016	12	27	1915		G7D						1 SECOND PULSES, DATA BURSTS	QG62an	WIA	VK4TJ
3562,0	5	2016	12	23	1915		G7D						DOZENS OF SUBCARRIERS ON CLOSE-SPACED INTERVALS	QG62an	WIA	VK4TJ
3568,0	1	2016	12	25	1940		F1B		250				DAILY, CONTINUOUS	QG62an	WIA	VK4TJ
3568,0	5	2016	12	20	1935		G1D						RHYTHMIC BURSTS	QG62an	WIA	VK4TJ
3571,0	5	2016	12	23	1915		G7D						DOZENS OF SUBCARRIERS ON CLOSE-SPACED INTERVALS	QG62an	WIA	VK4TJ

3574,0	5	2016	12	27	1915		G7D						DOZENS OF SUBCARRIERS ON CLOSE-SPACED INTERVALS	QG62an	WIA	VK4TJ
3575,0	5	2016	12	28	1935		G7D						DOZENS OF SUBCARRIERS ON CLOSE-SPACED INTERVALS	QG62an	WIA	VK4TJ
3575,0	3	2016	12	20	1935		J1C						FAX	QG62an	WIA	VK4TJ
3585,0	3	2016	12	1	0950		J1C				KOR	HLL2	FAX	QG62an	WIA	VK4TJ
3600,0	1	2016	12	20	1940		F1B		250				CONTINUOUS	QG62an	WIA	VK4TJ
3601,0	5	2016	12	30	1925		G7D						DOZENS OF SUBCARRIERS ON CLOSE-SPACED INTERVALS	QG62an	WIA	VK4TJ
3605,0	3	2016	12	21	1900		G7D						DOZENS OF SUBCARRIERS ON CLOSE-SPACED INTERVALS	QG62an	WIA	VK4TJ
3614,8	1	2016	12	23	1915		F1B						CONTINUOUS	QG62an	WIA	VK4TJ
3619,0	1	2016	12	25	1940		F1B		250				CONTINUOUS	QG62an	WIA	VK4TJ
3622,5	3	2016	12	1	0950		J1C				JPN	JMH	DAILY, FAX	QG62an	WIA	VK4TJ
3634,0	1	2016	12	29	1930		A1A						MIXED NUMBER/LETTER CIPHER	QG62an	WIA	VK4TJ
3635,0	5	2016	12	25	1945		G1D						RHYTHMIC BURSTS	QG62an	WIA	VK4TJ
3640,0	1	2016	12	30	1925		A1A						MIXED NUMBER/LETTER CIPHER	QG62an	WIA	VK4TJ
3642,0		2016	12	1	1940		A1A					3A7D	CALLING DKG6	QG62an	WIA	VK4TJ
3643,0	3	2016	12	30	1925		G7D						8 TONE SELCALL TONES	QG62an	WIA	VK4TJ
3645,4	3	2016	12	2	1835		J3E/U						ASIAN	QG62an	WIA	VK4TJ
3645,4		2016	12	21	1905		A1A						MIXED NUMBER/LETTER CIPHER	QG62an	WIA	VK4TJ
3648,0	3	2016	12	19	0910		J3E/U						ASIAN, SOUNDS KOREAN	QG62an	WIA	VK4TJ
3658,0		2016	12	15	1930		A1A				RUS	V	BEACON	QG62an	WIA	VK4TJ
3675,0	60	2016	12	9	1840		P0N						OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
3677,0	3	2016	12	2	1835		J3E/U						ASIAN	QG62an	WIA	VK4TJ
3677,0	1	2016	12	20	1940		F1B		250				CONTINUOUS	QG62an	WIA	VK4TJ
3685,0	50	2016	12	24	1950		P0N						OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
3690,0	50	2016	12	29	1945		P0N						OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
3694,0	5	2016	12	29	1935		G7D						SHORT BURSTS	QG62an	WIA	VK4TJ
3697,0	1	2016	12	2	1835		F1B	HIGH					CONTINUOUS	QG62an	WIA	VK4TJ
3700,0	100	2016	12	12	1940		P0N						OTHR, CONTINUOUS	QG62an	WIA	VK4TJ

3777,0		2016	12	15	1935		A1A					RIS9	MIXED NUMBER/LETTER CIPHER	QG62an	WIA	VK4TJ
3781,0	5	2016	12	19	0915		G7D						DOZENS OF SUBCARRIERS ON CLOSE-SPACED INTERVALS	QG62an	WIA	VK4TJ
3782,0	5	2016	12	21	1905		G7D						DOZENS OF SUBCARRIERS ON CLOSE-SPACED INTERVALS	QG62an	WIA	VK4TJ
3786,0		2016	12	29	1935		A1A					RIS9	MIXED NUMBER/LETTER CIPHER	QG62an	WIA	VK4TJ
3791,2		2016	12	19	0915		A1A						MIXED NUMBER/LETTER CIPHER	QG62an	WIA	VK4TJ
3792,0	5	2016	12	19	0915		G1D						BROAD PSK	QG62an	WIA	VK4TJ
3792,0	1	2016	12	21	1905		F1B						IDLING	QG62an	WIA	VK4TJ
3797,0		2016	12	27	1920		A1A						MIXED NUMBER/LETTER CIPHER	QG62an	WIA	VK4TJ
3800,0	50	2016	12	21	1910		P0N						OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
6930,0	150	2016	12	1	1945		P0N						OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
7000,0	50	2016	12	11	0905		P0N						OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
7000,0		2016	12	8	0935		A1A				RUS	K	BEACON	QG62an	WIA	VK4TJ
7000,0	3	2016	12	1	0940		J3E/U				INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7003,0	5	2016	12	16	0830		G7D						DOZENS OF SUBCARRIERS ON CLOSE-SPACED INTERVALS	QG62an	WIA	VK4TJ
7005,0	3	2016	12	1	1000		J3E/U				INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7005,0	3	2016	12	1	0955		J3E/L				INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7010,0	3	2016	12	1	0945		J3E/L				INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7010,0	3	2016	12	1	1005		J3E/U				INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7015,0	3	2016	12	1	0945		J3E/L				INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7015,0	3	2016	12	1	0945		J3E/U				INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7017,0	5	2016	12	10	1935		G7D						RHYTHMIC BURSTS	QG62an	WIA	VK4TJ
7020,0	3	2016	12	1	1005		J3E/L				INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7020,0	3	2016	12	1	1005		J3E/U				INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7021,0	5	2016	12	23	1920		G1D						BROAD PSK	QG62an	WIA	VK4TJ
7025,0	2	2016	12	1	1945		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
7025,0	50	2016	12	1	1945		P0N						OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
7025,0	3	2016	12	1	1010		J3E/L				INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7025,0	3	2016	12	8	0935		J3E/U				INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7027,5	3	2016	12	21	1910		J3E/L				INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7030,0	3	2016	12	1	1015		J3E/L				INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7030,0	3	2016	12	2	0940		J3E/U				INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7033,0	5	2016	12	2	1840		G1D						BROAD PSK	QG62an	WIA	VK4TJ

7035,0	3	2016	12	1	0945		J3E/L				INS		DAILY, VILLAGE RADIO, CHANTING	QG62an	WIA	VK4TJ
7035,0	3	2016	12	2	0940		J3E/U				INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7036,4	3	2016	12	29	1955		J3E/U						ASIAN	QG62an	WIA	VK4TJ
7039,2		2016	12	2	0955		A1A				RUS	F	DAILY, BEACON	QG62an	WIA	VK4TJ
7039,4		2016	12	1	0945		A1A				RUS	M	DAILY, BEACON	QG62an	WIA	VK4TJ
7039,5		2016	12	1	0945		A1A				RUS	K	DAILY, BEACON	QG62an	WIA	VK4TJ
7040,0	8	2016	12	28	2010		A3E						ASIAN SW BROADCAST	QG62an	WIA	VK4TJ
7060,0	10	2016	12	1	2025		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
7064,0	5	2016	12	2	0955		G7D						DOZENS OF SUBCARRIERS ON CLOSE-SPACED INTERVALS	QG62an	WIA	VK4TJ
7070,0	5	2016	12	17	1935		G7D						DOZENS OF SUBCARRIERS ON CLOSE-SPACED INTERVALS	QG62an	WIA	VK4TJ
7078,6		2016	12	8	0935		A1A				RUS	K	DAILY, BEACON	QG62an	WIA	VK4TJ
7098,0	1	2016	12	13	2120		F1B	HIGH	250				CONTINUOUS	QG62an	WIA	VK4TJ
7105,0	10	2016	12	21	1915		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
7110,0	2	2016	12	25	1950		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
7111,0	5	2016	12	27	1925		G7D						SIMILAR SOUND TO IRANIAN RADAR	QG62an	WIA	VK4TJ
7114,0	1	2016	12	2	1840		F1B		250				DAILY, BURSTS	QG62an	WIA	VK4TJ
7118,0	1	2016	12	23	1920		F1B						IDLING	QG62an	WIA	VK4TJ
7120,0	8	2016	12	2	1830		A3E				SOM		RADIO HARGEISA	QG62an	WIA	VK4TJ
7123,0		2016	12	26	1930		A1A						MIXED NUMBER/LETTER CIPHER	QG62an	WIA	VK4TJ
7125,0	50	2016	12	17	1015		P0N						OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
7134,0	1	2016	12	24	2000		F1B				RDL		DAILY, CONTINUOUS	QG62an	WIA	VK4TJ
7146,5	8	2016	12	14	2025		A3E						RADIO ERITREA	QG62an	WIA	VK4TJ
7150,0	40	2016	12	8	0940		VXX						CODAR-LIKE SWEEPS	QG62an	WIA	VK4TJ
7150,0	50	2016	12	1	0950		P0N						OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
7164,7	3	2016	12	2	1010		J3E/U				CHN		CHINESE	QG62an	WIA	VK4TJ
7171,0	3	2016	12	15	1940		J3E/U						ASIAN, BAHASA OR TAGALOG	QG62an	WIA	VK4TJ
7175,0	50	2016	12	7	0900		P0N						OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
7175,0	8	2016	12	16	2005		A3E				ERI		VOICE OF THE BROAD MASSES	QG62an	WIA	VK4TJ
7177,3	3	2016	12	21	1915		J3E/U						ASIAN, NOT CHINESE	QG62an	WIA	VK4TJ
7177,5	3	2016	12	16	2005		J3E/U						ASIAN, NOT CHINESE	QG62an	WIA	VK4TJ
7178,6		2016	12	17	1015		A1A						CONTINUOUS DITS – JAMMING SIGNAL?	QG62an	WIA	VK4TJ
7182,0		2016	12	21	1925		A1A						CONTINUOUS DITS – JAMMING SIGNAL?	QG62an	WIA	VK4TJ

7182,4	3	2016	12	27	1925		J3E/U						ASIAN, NOT CHINESE	QG62an	WIA	VK4TJ
7185,0		2016	12	21	1915		A1A						CONTINUOUS DITS – JAMMING SIGNAL?	QG62an	WIA	VK4TJ
7185,0	8	2016	12	21	1915		A3E				ERI		VOICE OF THE BROAD MASSES	QG62an	WIA	VK4TJ
7188,3		2016	12	21	1925		A1A						CONTINUOUS DITS – JAMMING SIGNAL?	QG62an	WIA	VK4TJ
7190,0		2016	12	21	1915		A1A						CONTINUOUS DITS – JAMMING SIGNAL?	QG62an	WIA	VK4TJ
7191,8		2016	12	21	1920		A1A						CONTINUOUS DITS – JAMMING SIGNAL?	QG62an	WIA	VK4TJ
7193,0	5	2016	12	21	1920		G7D						DOZENS OF SUBCARRIERS ON CLOSE-SPACED INTERVALS	QG62an	WIA	VK4TJ
7194,0		2016	12	21	1920		A1A						MIXED NUMBER/LETTER CIPHER	QG62an	WIA	VK4TJ
7195,0	5	2016	12	21	1920		G1D						BROAD PSK	QG62an	WIA	VK4TJ
7198,0		2016	12	21	1920		A1A						CONTINUOUS DITS – JAMMING SIGNAL?	QG62an	WIA	VK4TJ
7199,8		2016	12	21	1920		A1A						CONTINUOUS DITS – JAMMING SIGNAL?	QG62an	WIA	VK4TJ
7200,0	8	2016	12	20	1950		A3E						DAILY, SW BROADCAST, (2 STATIONS) CHINESE LANGUAGE	QG62an	WIA	VK4TJ
7200,0	10	2016	12	21	1920		P0N						JAMMING SIGNAL	QG62an	WIA	VK4TJ
7204,5		2016	12	21	1920		A1A						CONTINUOUS DITS – JAMMING SIGNAL?	QG62an	WIA	VK4TJ
7208,2		2016	12	21	1920		A1A						CONTINUOUS DITS – JAMMING SIGNAL?	QG62an	WIA	VK4TJ
7211,7		2016	12	1	0950		A1A						CONTINUOUS DITS – JAMMING SIGNAL?	QG62an	WIA	VK4TJ
7227,0	1	2016	12	27	1930		F1B		250				BURSTS	QG62an	WIA	VK4TJ
7227,0	3	2016	12	27	1930		G7D						8 TONE SELCALL TONES	QG62an	WIA	VK4TJ
7262,1		2016	12	1	0950		A1A						CONTINUOUS DITS – JAMMING SIGNAL?	QG62an	WIA	VK4TJ
7265,0	10	2016	12	31	2000		P0N						JAMMING SIGNAL	QG62an	WIA	VK4TJ
7265,5		2016	12	1	0950		A1A						CONTINUOUS DITS – JAMMING SIGNAL?	QG62an	WIA	VK4TJ
7268,7		2016	12	1	0950		A1A						CONTINUOUS DITS – JAMMING SIGNAL?	QG62an	WIA	VK4TJ
7269,3		2016	12	1	0950		A1A						CONTINUOUS DITS – JAMMING SIGNAL?	QG62an	WIA	VK4TJ
7270,0	10	2016	12	27	1930		P0N						JAMMING SIGNAL	QG62an	WIA	VK4TJ

7273,4		2016	12	1	0950		A1A						CONTINUOUS DITS – JAMMING SIGNAL?	QG62an	WIA	VK4TJ
7276,6		2016	12	1	0950		A1A						CONTINUOUS DITS – JAMMING SIGNAL?	QG62an	WIA	VK4TJ
7279,6		2016	12	1	0950		A1A						CONTINUOUS DITS – JAMMING SIGNAL?	QG62an	WIA	VK4TJ
7280,0		2016	12	1	0950		A1A						CONTINUOUS DITS – JAMMING SIGNAL?	QG62an	WIA	VK4TJ
7281,5		2016	12	1	0950		A1A						CONTINUOUS DITS – JAMMING SIGNAL?	QG62an	WIA	VK4TJ
7284,7		2016	12	1	0950		A1A						CONTINUOUS DITS – JAMMING SIGNAL?	QG62an	WIA	VK4TJ
7287,5		2016	12	1	0950		A1A						CONTINUOUS DITS – JAMMING SIGNAL?	QG62an	WIA	VK4TJ
7290,8		2016	12	1	0950		A1A						CONTINUOUS DITS – JAMMING SIGNAL?	QG62an	WIA	VK4TJ
7292,4		2016	12	1	0950		A1A						CONTINUOUS DITS – JAMMING SIGNAL?	QG62an	WIA	VK4TJ
7294,2		2016	12	1	0950		A1A						CONTINUOUS DITS – JAMMING SIGNAL?	QG62an	WIA	VK4TJ
7295,7		2016	12	1	0950		A1A						CONTINUOUS DITS – JAMMING SIGNAL?	QG62an	WIA	VK4TJ
7298,9		2016	12	1	0950		A1A						CONTINUOUS DITS – JAMMING SIGNAL?	QG62an	WIA	VK4TJ
7300,0	10	2016	12	27	1930		P0N						JAMMING SIGNAL	QG62an	WIA	VK4TJ
10130,0	20	2016	12	22	2005		VXX						CODAR-LIKE SWEEPS	QG62an	WIA	VK4TJ
10140,0	8	2016	12	11	0955		A3E				NKR		RADIO PYONGYANG	QG62an	WIA	VK4TJ
10150,0	100	2016	12	8	0930		P0N						OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
14000,0	3	2016	12	26	0645		J3E/U						ASIAN	QG62an	WIA	VK4TJ
14005,0	10	2016	12	23	0940		P0N						OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
14008,8	3	2016	12	4	1025		J3E/U						ASIAN	QG62an	WIA	VK4TJ
14024,0	3	2016	12	16	0835		J3E/U						ASIAN	QG62an	WIA	VK4TJ
14035,0	20	2016	12	25	0715		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14040,0	3	2016	12	17	1025		J3E/U						ASIAN	QG62an	WIA	VK4TJ
14040,0	20	2016	12	22	0550		P0N						OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
14043,0		2016	12	9	0725		A1A						MIXED NUMBER/LETTER CIPHER	QG62an	WIA	VK4TJ
14045,0	1	2016	12	7	0945		F1B						BURSTS	QG62an	WIA	VK4TJ
14045,0	3	2016	12	22	0905		J3E/L						CHINESE	QG62an	WIA	VK4TJ
14046,8	3	2016	12	7	2340		J3E/U						DAILY, ASIAN	QG62an	WIA	VK4TJ
14048,0	3	2016	12	7	0005		J3E/U				PHL		DAILY, TAGALOG SPEAKERS	QG62an	WIA	VK4TJ
14050,5	3	2016	12	14	2135		J3E/U				PHL		TAGALOG SPEAKERS	QG62an	WIA	VK4TJ
14055,0	20	2016	12	28	0330		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14055,0	20	2016	12	28	0325		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ

14055,0	3	2016	12	5	1020		J3E/U						ASIAN	QG62an	WIA	VK4TJ
14070,0	70	2016	12	24	0700		P0N						OTHR, SLOW PULSE RATE	QG62an	WIA	VK4TJ
14075,0	2	2016	12	27	2235		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
14090 - 14250	160	2016	12	23	<0400 - 0500>		P0N			300			OHR been opertional for last week	QG62ni	WIA	VK4CC
14100,0	10	2016	12	13	0345		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14100,0	3	2016	12	13	0345		J3E/U						ASIAN	QG62an	WIA	VK4TJ
14100,0	10	2016	12	18	0815		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14101,0	3	2016	12	24	0940		J3E/L						ASIAN	QG62an	WIA	VK4TJ
14105,0	160	2016	12	23	0440 - >		P0N						Wideband OHR 50 pps, alternating with 14105 kHz radar	QF22md	WIA	VK3MV
14106,0	3	2016	12	12	0855		J3E/U						DAILY, ASIAN	QG62an	WIA	VK4TJ
14127,5	1	2016	12	1	0655		F1B						BURSTS	QG62an	WIA	VK4TJ
14130,0	15	2016	12	4	0610		P0N						OTHR, BURSTS, NO BEEP TONE	QG62an	WIA	VK4TJ
14135,0	2	2016	12	28	0620		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
14137,0	5	2016	12	20	2135		G1D						CONTINUOUS	QG62an	WIA	VK4TJ
14138,0		2016	12	9	0725		A1A						MIXED NUMBER/LETTER CIPHER	QG62an	WIA	VK4TJ
14140,0	20	2016	12	7	2345		P0N						OTHR, BURSTS, NO BEEP TONE	QG62an	WIA	VK4TJ
14157,8	3	2016	12	14	0005		J3E/U						ASIAN FISHBOATS, ENGINE NOISE	QG62an	WIA	VK4TJ
14170,0	10	2016	12	25	0720		P0N						OTHR, BURSTS, NO BEEP TONE	QG62an	WIA	VK4TJ
14180,0	160	2016	12	27	0520		P0N						OTHR, BURSTS, SLOW PULSE RATE	QG62an	WIA	VK4TJ
14182,5	3	2016	12	20	0445		J3E/L						ASIAN	QG62an	WIA	VK4TJ
14183,0	160	2016	12	23	<0500 - 0530>		P0N			N			OHR	QF44mo	WIA	VK1TX
14183,0	160	2016	12	23	<0500 - 060>		P0N			NNW			OHR across band	PH29tv	WIA	VK4SWE
14185,0	160	2016	12	23	0400-0440		P0N						Wideband OHR 50 pps, alternating with 14105 kHz radar	QF22md	WIA	VK3MV
14185,0	20	2016	12	16	0835		P0N						OTHR, SLOW PULSE RATE	QG62an	WIA	VK4TJ
14185,0	10	2016	12	24	0510		P0N						OTHR, SLOW PULSE RATE	QG62an	WIA	VK4TJ
14190,0	20	2016	12	16	0550		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14192,0	1	2016	12	13	0530		F1B						CONTINUOUS	QG62an	WIA	VK4TJ
14195,0	20	2016	12	5	0400		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14200,0	20	2016	12	7	2345		P0N						OTHR, BURSTS, NO BEEP TONE	QG62an	WIA	VK4TJ

14201,5	5	2016	12	5	0920		G7D						DAILY	QG62an	WIA	VK4TJ
14205,0	10	2016	12	25	0810		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14225,0	10	2016	12	19	0450		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14250,0	20	2016	12	13	0535		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14250,0	160	2016	12	13	0535		P0N						OTHR, BURSTS, SLOW PULSE RATE	QG62an	WIA	VK4TJ
14250,0	3	2016	12	23	0705		J3E/L						ASIAN	QG62an	WIA	VK4TJ
14268,0	1	2016	12	1	0940		F1B						CONTINUOUS	QG62an	WIA	VK4TJ
14275,0	10	2016	12	25	0720		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14295,0	8	2016	12	16	0840		A3E				TJK		3RD HARMONIC RADIO TADJIKISTAN	QG62an	WIA	VK4TJ
14300,0	10	2016	12	7	0145		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14305,0	10	2016	12	1	0010		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14308,0	1	2016	12	6	0845		F1B						CONTINUOUS	QG62an	WIA	VK4TJ
14314,2	3	2016	12	27	0830		J3E/L						ASIAN	QG62an	WIA	VK4TJ
14315,0	10	2016	12	25	0720		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14315,0	2	2016	12	20	0525		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
14317,0	10	2016	12	24	<0600 -		P0N						OHR 66pps every 1m-30 sec	QF22md	WIA	VK3MV
14318,7	3	2016	12	15	0745		J3E/U						CHINESE FAMILY NET	QG62an	WIA	VK4TJ
14329,0	5	2016	12	20	0450		G7D						DOZENS OF SUBCARRIERS ON CLOSE-SPACED INTERVALS	QG62an	WIA	VK4TJ
14340,0	2	2016	12	15	0810		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
14340,0	3	2016	12	24	0245		J3E/U						ASIAN	QG62an	WIA	VK4TJ
14345,0	5	2016	12	4	0835		G7D						STANAG 4285 8 TONE BPSK	QG62an	WIA	VK4TJ
14346,0	3	2016	12	23	0955		J3E/L						ASIAN	QG62an	WIA	VK4TJ
14348,0	5	2016	12	5	1020		G7D						RHYTHMIC BURSTS	QG62an	WIA	VK4TJ
14350,0	3	2016	12	5	<0500-1000>		P0N						OHR	QF22md	WIA	VK3MV
14370,0	100	2016	12	19	0200		A3E				TWN		SOUND OF HOPE – SEVERE TX PROBLEM	QG62an	WIA	VK4TJ
18065,0	20	2016	12	19	0250		P0N						OTHR, CONTINUOUS. SLOW PULSE RATE	QG62an	WIA	VK4TJ
18070,0	20	2016	12	5	0350		P0N						OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
18081,4	3	2016	12	5	0940		J3E/U						ASIAN, SOUNDS TAGALOG	QG62an	WIA	VK4TJ
18090,0	20	2016	12	10	1025		P0N						OTHR, CONTINUOUS. SLOW PULSE RATE	QG62an	WIA	VK4TJ
18095,0	20	2016	12	12	0300		P0N						OTHR, CONTINUOUS. SLOW PULSE RATE	QG62an	WIA	VK4TJ
18111,0	3	2016	12	24	0135		J3E/L						ASIAN	QG62an	WIA	VK4TJ
18124,0	5	2016	12	23	0330		G1D						BROAD PSK	QG62an	WIA	VK4TJ

18131,0	1	2016	12	27	0515		F1B						BURSTS	QG62an	WIA	VK4TJ
18165,4	3	2016	12	26	0840		J3E/U						ASIAN	QG62an	WIA	VK4TJ
18225,0	150	2016	12	22	0930		P0N						OTHR, SLOW PULSE RATE	QG62an	WIA	VK4TJ
20999,2	3	2016	12	16	0555		J3E/U						ASIAN	QG62an	WIA	VK4TJ
21000,0	9	2016	12	30	0950		J3E/L						3RD HARMONIC OF YB INTRUDER ON 7030	QG62an	WIA	VK4TJ
21000,0	3	2016	12	18	0700		J3E/U						ASIAN, FISHBOATS, ENGINE NOISE	QG62an	WIA	VK4TJ
21005,0	2	2016	12	16	2325		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
21015,0	9	2016	12	30	0950		J3E/L						3RD HARMONIC OF YB INTRUDER ON 7030	QG62an	WIA	VK4TJ
21021,1	3	2016	12	14	0915		J3E/U						ASIAN, SOUNDS CHINESE	QG62an	WIA	VK4TJ
21035,0	2	2016	12	31	0250		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
21070,0	2	2016	12	16	0850		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
21090,0	9	2016	12	7	0830		J3E/L						3RD HARMONIC OF YB INTRUDER ON 7030	QG62an	WIA	VK4TJ
21093,7	3	2016	12	4	0725		J3E/U						DAILY, ASIAN	QG62an	WIA	VK4TJ
21095,0	40	2016	12	25	0330		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21105,0	9	2016	12	31	0630		J3E/L						3RD HARMONIC OF YB INTRUDER ON 7030	QG62an	WIA	VK4TJ
21105,0	20	2016	12	28	0145		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21130,0	20	2016	12	10	1010		P0N						OTHR, CONTINUOUS, SLOW PULSE RATE	QG62an	WIA	VK4TJ
21135,0	20	2016	12	31	0635		P0N						OTHR, CONTINUOUS, SLOW PULSE RATE	QG62an	WIA	VK4TJ
21145,0	20	2016	12	31	0650		P0N						OTHR, CONTINUOUS, SLOW PULSE RATE	QG62an	WIA	VK4TJ
21150,0	20	2016	12	8	0455		P0N						OTHR, CONTINUOUS, SLOW PULSE RATE	QG62an	WIA	VK4TJ
21154,7	3	2016	12	4	0730		J3E/U						CHINESE, NO CALLS – EVER	QG62an	WIA	VK4TJ
21165,0	9	2016	12	12	1020		J3E/U						3RD HARMONIC OF YB INTRUDER ON 7030	QG62an	WIA	VK4TJ
21175,0	10	2016	12	23	0340		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21185,0	2	2016	12	31	0315		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
21188,7	3	2016	12	14	0800		J3E/U						ASIAN, NO CALLS – EVER	QG62an	WIA	VK4TJ
21195,0	10	2016	12	1	0650		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21205,0	20	2016	12	9	0745		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21205,0	20	2016	12	20	0450		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21212,0	3	2016	12	25	0335		J3E/L						ASIAN	QG62an	WIA	VK4TJ
21215,0	10	2016	12	25	0410		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21240,0	2	2016	12	1	0305		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ

21245,0	15	2016	12	28	0230		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21255,0	20	2016	12	31	0640		P0N						OTHR, BURSTS, NO BEEP TONE	QG62an	WIA	VK4TJ
21260,0	10	2016	12	31	0650		P0N						OTHR, BURSTS, NO BEEP TONE	QG62an	WIA	VK4TJ
21262,8	3	2016	12	20	0450		J3E/L						ASIAN	QG62an	WIA	VK4TJ
21270,0	15	2016	12	31	0425		P0N						OTHR, LONG BURSTS	QG62an	WIA	VK4TJ
21275,0	20	2016	12	2	0520		P0N						OTHR, BURSTS, NO BEEP TONE	QG62an	WIA	VK4TJ
21280,0	2	2016	12	31	0245		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
21280,0	20	2016	12	6	0730		P0N						OTHR, BURSTS, NO BEEP TONE	QG62an	WIA	VK4TJ
21285,0	20	2016	12	4	0335		P0N						OTHR, BURSTS, NO BEEP TONE	QG62an	WIA	VK4TJ
21295,0	10	2016	12	20	0535		P0N						OTHR, BURSTS, NO BEEP TONE	QG62an	WIA	VK4TJ
21300,0	10	2016	12	1	0100		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21315,0	20	2016	12	9	0735		P0N						OTHR, BURSTS, NO BEEP TONE	QG62an	WIA	VK4TJ
21320,0	10	2016	12	25	0410		P0N						OTHR, BURSTS, NO BEEP TONE	QG62an	WIA	VK4TJ
21324,0	3	2016	12	6	0730		G1D						RHYTHMIC BURSTS	QG62an	WIA	VK4TJ
21325,0	15	2016	12	12	0155		P0N						OTHR, BURSTS, NO BEEP TONE	QG62an	WIA	VK4TJ
21325,0	10	2016	12	2	0520		P0N						OTHR, BURSTS, NO BEEP TONE	QG62an	WIA	VK4TJ
21335,0	10	2016	12	12	0955		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21337,0	3	2016	12	25	2330		J3E/U						ASIAN. NO CALLS – EVER	QG62an	WIA	VK4TJ
21345,0	20	2016	12	9	0740		P0N						OTHR, BURSTS, NO BEEP TONE	QG62an	WIA	VK4TJ
21350,0	20	2016	12	5	0625		P0N						OTHR, BURSTS, NO BEEP TONE	QG62an	WIA	VK4TJ
21360,0	20	2016	12	12	1000		P0N						OTHR, BURSTS, NO BEEP TONE	QG62an	WIA	VK4TJ
21370,0	10	2016	12	2	0805		P0N						OTHR, BURSTS, NO BEEP TONE	QG62an	WIA	VK4TJ
21375,0	20	2016	12	5	0625		P0N						OTHR, BURSTS, NO BEEP TONE	QG62an	WIA	VK4TJ
21378,0	3	2016	12	25	0345		J3E/U						ASIAN FISHBOATS, ENGINE NOISE	QG62an	WIA	VK4TJ
21380,0	20	2016	12	25	0705		P0N						OTHR, BURSTS, NO BEEP TONE	QG62an	WIA	VK4TJ
21385,0	15	2016	12	28	0255		P0N						OTHR, BURSTS, NO BEEP TONE	QG62an	WIA	VK4TJ

21390,0	6	2016	12	15	0715		A3E						DAILY, ASIAN	QG62an	WIA	VK4TJ
21405,0	20	2016	12	28	0600		P0N						OTHR, BURSTS, NO BEEP TONE	QG62an	WIA	VK4TJ
21405,0	8	2016	12	25	0350		A3E						ASIAN SW BROADCAST SPURIOUS	QG62an	WIA	VK4TJ
21420,0	10	2016	12	1	0105		P0N						OTHR, BURSTS, NO BEEP TONE	QG62an	WIA	VK4TJ
21425,0	20	2016	12	28	0600		P0N						OTHR, BURSTS, NO BEEP TONE	QG62an	WIA	VK4TJ
21440,0	3	2016	12	31	0320		G7D						8 TONE SELCALL TONES	QG62an	WIA	VK4TJ
21440,0	15	2016	12	30	0210		P0N						OTHR, BURSTS, NO BEEP TONE	QG62an	WIA	VK4TJ
21445,0	15	2016	12	28	0305		P0N						OTHR, BURSTS, NO BEEP TONE	QG62an	WIA	VK4TJ
24887,5	8	2016	12	1	0635		F3E						ASIAN	QG62an	WIA	VK4TJ
24905,0	6	2016	12	3	1010		A3E						ASIAN	QG62an	WIA	VK4TJ
24915,0	6	2016	12	27	0855		A3E						ASIAN	QG62an	WIA	VK4TJ
24925,0	8	2016	12	4	0605		F3E						ASIAN	QG62an	WIA	VK4TJ
24935,0	6	2016	12	5	0955		A3E						ASIAN	QG62an	WIA	VK4TJ
24937,5	8	2016	12	2	0355		F3E						ASIAN	QG62an	WIA	VK4TJ
24950,0	8	2016	12	4	0555		F3E						ASIAN	QG62an	WIA	VK4TJ
24955,0	6	2016	12	27	0935		A3E						ASIAN	QG62an	WIA	VK4TJ
24962,5	8	2016	12	24	0125		F3E						ASIAN	QG62an	WIA	VK4TJ
24965,0	8	2016	12	19	0545		F3E						ASIAN	QG62an	WIA	VK4TJ
24975,0	8	2016	12	1	0920		F3E						ASIAN	QG62an	WIA	VK4TJ
24975,0	40	2016	12	24	0125		VXX						CODAR-LIKE SWEEPS	QG62an	WIA	VK4TJ
24985,0	6	2016	12	4	0530		A3E						ASIAN	QG62an	WIA	VK4TJ
24987,5	8	2016	12	11	0240		F3E						ASIAN	QG62an	WIA	VK4TJ
28000,0	8	2016	12	1	0825		F3E						ASIAN	QG62an	WIA	VK4TJ
28005,0	6	2016	12	3	0915		A3E						ASIAN	QG62an	WIA	VK4TJ
28012,5	8	2016	12	3	0405		F3E						ASIAN	QG62an	WIA	VK4TJ
28015,0	6	2016	12	3	0915		A3E						ASIAN	QG62an	WIA	VK4TJ
28025,0	8	2016	12	1	0825		F3E						ASIAN	QG62an	WIA	VK4TJ
28035,0	6	2016	12	8	0200		A3E						ASIAN	QG62an	WIA	VK4TJ
28037,5	8	2016	12	3	0405		F3E						ASIAN	QG62an	WIA	VK4TJ
28050,0	8	2016	12	1	0555		F3E						ASIAN	QG62an	WIA	VK4TJ
28055,0	6	2016	12	8	0210		A3E						ASIAN	QG62an	WIA	VK4TJ
28062,5	8	2016	12	10	0225		F3E						ASIAN	QG62an	WIA	VK4TJ
28065,0	6	2016	12	3	0400		A3E						ASIAN	QG62an	WIA	VK4TJ
28075,0	8	2016	12	3	0925		F3E						ASIAN	QG62an	WIA	VK4TJ
28085,0	6	2016	12	8	0225		A3E						ASIAN	QG62an	WIA	VK4TJ
28087,5	8	2016	12	3	0355		F3E						ASIAN	QG62an	WIA	VK4TJ
28100,0	8	2016	12	2	0350		F3E						ASIAN	QG62an	WIA	VK4TJ
28105,0	6	2016	12	3	0925		A3E						ASIAN	QG62an	WIA	VK4TJ

28112,5	8	2016	12	4	0110		F3E						ASIAN	QG62an	WIA	VK4TJ
28115,0	6	2016	12	4	0110		A3E						ASIAN	QG62an	WIA	VK4TJ
28125,0	8	2016	12	1	0800		F3E						ASIAN	QG62an	WIA	VK4TJ
28135,0	6	2016	12	4	0115		A3E						ASIAN	QG62an	WIA	VK4TJ
28137,5	8	2016	12	4	0115		F3E						ASIAN	QG62an	WIA	VK4TJ
28145,0	6	2016	12	4	0115		A3E						ASIAN	QG62an	WIA	VK4TJ
28150,0	8	2016	12	2	0350		F3E						ASIAN	QG62an	WIA	VK4TJ
28155,0	6	2016	12	3	0930		A3E						ASIAN	QG62an	WIA	VK4TJ
28162,5	8	2016	12	1	0550		F3E						ASIAN	QG62an	WIA	VK4TJ
28175,0	8	2016	12	1	0550		F3E						ASIAN	QG62an	WIA	VK4TJ
28175,0	8	2016	12	18	0240		F3E						ASIAN	QG62an	WIA	VK4TJ
28185,0	6	2016	12	3	0930		A3E						ASIAN	QG62an	WIA	VK4TJ
28187,5	8	2016	12	1	0800		F3E						ASIAN	QG62an	WIA	VK4TJ
28195,0	6	2016	12	4	0115		A3E						ASIAN	QG62an	WIA	VK4TJ
28200,0	8	2016	12	1	0550		F3E						ASIAN	QG62an	WIA	VK4TJ
28205,0	6	2016	12	4	0115		A3E						ASIAN	QG62an	WIA	VK4TJ
28212,5	8	2016	12	3	0350		F3E						ASIAN	QG62an	WIA	VK4TJ
28215,0	6	2016	12	8	0225		A3E						ASIAN	QG62an	WIA	VK4TJ
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28235,0	6	2016	12	3	0930		A3E						ASIAN	QG62an	WIA	VK4TJ
28237,5	8	2016	12	1	0600		F3E						ASIAN	QG62an	WIA	VK4TJ
28245,0	6	2016	12	3	0930		A3E						ASIAN	QG62an	WIA	VK4TJ
28250,0	8	2016	12	1	0800		F3E						ASIAN	QG62an	WIA	VK4TJ
28255,0	6	2016	12	3	0930		A3E						ASIAN	QG62an	WIA	VK4TJ
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28265,0	6	2016	12	8	0230		A3E						ASIAN	QG62an	WIA	VK4TJ
28275,0	8	2016	12	3	0340		F3E						ASIAN	QG62an	WIA	VK4TJ
28285,0	6	2016	12	4	0125		A3E						ASIAN	QG62an	WIA	VK4TJ
28287,5	8	2016	12	2	0350		F3E						ASIAN	QG62an	WIA	VK4TJ
28295,0	6	2016	12	4	0125		A3E						ASIAN	QG62an	WIA	VK4TJ
28300,0	8	2016	12	2	0350		F3E						ASIAN	QG62an	WIA	VK4TJ
28305,0	6	2016	12	3	0930		A3E						ASIAN	QG62an	WIA	VK4TJ
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28315,0	6	2016	12	1	0805		A3E						ASIAN	QG62an	WIA	VK4TJ
28325,0	8	2016	12	2	0350		F3E						ASIAN	QG62an	WIA	VK4TJ
28335,0	6	2016	12	4	0125		A3E						ASIAN	QG62an	WIA	VK4TJ
28345,0	6	2016	12	8	0250		A3E						ASIAN	QG62an	WIA	VK4TJ
28350,0	8	2016	12	3	0930		F3E						ASIAN	QG62an	WIA	VK4TJ
28355,0	6	2016	12	3	0315		A3E						ASIAN	QG62an	WIA	VK4TJ
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28415,0	6	2016	12	3	0935		A3E						ASIAN	QG62an	WIA	VK4TJ
28425,0	8	2016	12	1	0805		F3E						ASIAN	QG62an	WIA	VK4TJ
28435,0	6	2016	12	3	0935		A3E						ASIAN	QG62an	WIA	VK4TJ
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28487,5	8	2016	12	3	0305		F3E						ASIAN	QG62an	WIA	VK4TJ
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28562,5	8	2016	12	3	0255		F3E						ASIAN	QG62an	WIA	VK4TJ
28565,0	6	2016	12	3	0935		A3E						ASIAN	QG62an	WIA	VK4TJ
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28605,0	6	2016	12	4	0155		A3E						ASIAN	QG62an	WIA	VK4TJ
28612,5	8	2016	12	3	0250		F3E						ASIAN	QG62an	WIA	VK4TJ
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29187,5	8	2016	12	2	0330		F3E						ASIAN	QG62an	WIA	VK4TJ
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29412,5	8	2016	12	2	0140		F3E						ASIAN	QG62an	WIA	VK4TJ
29425,0	8	2016	12	2	0045		F3E						ASIAN	QG62an	WIA	VK4TJ
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29687,5	8	2016	12	2	0055		F3E						ASIAN	QG62an	WIA	VK4TJ
29700,0	8	2016	12	2	0055		F3E						ASIAN	QG62an	WIA	VK4TJ

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