



INTERNATIONAL AMATEUR RADIO
UNION

REGION THREE

MONITORING SYSTEM NEWS LETTER



August 2016

Titon Dutono, YB3PET

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

This month there were 15 observations from ARSI, 204 observations from JARL, 47 observations from NZART, and 402 observations from WIA. By this month sampling, there were total 668 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
		A3E	CHN	Chainesse talk and music
		J3E	INS	Indonesian language
2.	20m	J3E	CLN	Sri Lankan Fisherman in QSO in Sinhala
		PXX	UNID	OTHR
		P0N	UNID	OTHR long bursts
		G7D	RUS	Military Stanag 4825 12 tone with guard band S7 encrypted ODFM signal
3.	15m	VXX	UNID	CODAR-LIKE SWEEPS
		P0N	UNID	OTHR bursts, no beep tone
		G7DF	UNID	Manpack Radio
4.	10m	A3E	UNID	Asian country
		F3E	UNID	Asian country
		P0N	IRN	OTHR

Note from WIA: The OHR radio operating across 20 meters has again been report to the Australian Regulator.

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: 15 observations

KHz	BW KHz.	YYYY	MM	DD	UTC	EMM	ADM	ID	DESCRIPTION.	GRID	SOCIETY	EQUIPMENT	ANTENNA
14184	2	2016	8	13	<1240-1245>	J3E/U	UNID	UNID	QSO between 3 OM Language like South Indian ; S9 signal	NL06lu	ARSI	IC-70	Vertical with ATU
14210	2	2016	8	14	<1255-1257>	J3E/U	UNID	UNID	QSO between 2 OM Language like South Indian ; S4 signal	NL06lu	ARSI	IC-70	Vertical with ATU
7040	5	2016	8	26	<1725-30>	A3E	IND	AIR	URDU SERVICE WITH HINDI FILM SONGS; LATER URDU NEWS	MK82	ARSI	FT757GX	INV.VEE; VERT;
14024		2016	8	27	<0422-0435>	J3E/U	CLN	UNID	SRI LANKAN FISHERMEN IN QSO IN SINHALA; QRM IS UNDERSTOOD	MK82	ARSI	FT757GX	INV.VEE; VERT;
14252.5		2016	8	28	<0218-0230>	J3E/L	CLN	UNID	SRI LANKAN FISHERMEN IN QSO IN SINHALA; QRM IS UNDERSTOOD	MK82	ARSI	FT757GX	INV.VEE; VERT;
14222.5		2016	8	28	<1100-1235>	J3E/U	CLN	UNID	SRI LANKAN FISHERMEN IN QSO IN SINHALA; QRM IS UNDERSTOOD	MK82	ARSI	FT757GX	INV.VEE; VERT;
14273		2016	8	29	<0150-0200>	J3E/U	UNID	UNID	SPANISH SPEAKING OM.	MK82	ARSI	FT757GX	INV.VEE; VERT;
14131.4		2016	8	29	<1045-1115>	J3E/L	CLN	UNID	SRI LANKAN FISHERMEN IN QSO IN SINHALA; QRM IS UNDERSTOOD	MK82	ARSI	FT757GX	INV.VEE; VERT;
14161.8		2016	8	29	<1045-1115>	J3E/L	CLN	UNID	SRI LANKAN FISHERMEN IN QSO IN SINHALA; QRM IS UNDERSTOOD	MK82	ARSI	FT757GX	INV.VEE; VERT;
14141.5		2016	8	29	<1045-1115>	J3E/U	CLN	UNID	SRI LANKAN FISHERMEN IN QSO IN SINHALA; QRM IS UNDERSTOOD	MK82	ARSI	FT757GX	INV.VEE; VERT;
14202.3		2016	8	31	<0200-0230>	J3E/L	CLN	UNID	SRI LANKAN FISHERMEN IN QSO IN SINHALA; QRM IS UNDERSTOOD	MK82	ARSI	FT757GX	INV.VEE; VERT;
14151.6		2016	8	31	<0200-0230>	J3E/U	CLN	UNID	SRI LANKAN FISHERMEN IN QSO IN SINHALA; QRM IS UNDERSTOOD	MK82	ARSI	FT757GX	INV.VEE; VERT;
14236.3		2016	8	31	<0340-0350>	J3E/U	INS	UNID	OM CALLING "MAA" REPEATEDLY, YL ANSWERED. NON-HAM QSO	MK82	ARSI	FT757GX	INV.VEE; VERT;
14024		2016	8	31	<0420-0435>	J3E/U	CLN	UNID	SRI LANKAN FISHERMEN IN QSO IN SINHALA; QRM IS UNDERSTOOD	MK82	ARSI	FT757GX	INV.VEE; VERT;
14203		2016	8	31	<1225-1235>	J3E/U	CLN	UNID	SRI LANKAN FISHERMEN IN QSO IN SINHALA; QRM IS UNDERSTOOD	MK82	ARSI	FT757GX	INV.VEE; VERT;

JARL: 204 observations

kHz	BW	YYYY	MM	DD	UTC	Emm	Bd	Sft	Hdg	ADM	ID		Grid	Society
21111.5	3.0	2016	08	21	#REF!	J3E/L						Language:Chinese,With no CallA	PM84XT	JARL
21111.5	3.0	2016	08	21	#REF!	J3E/L						Language:Chinese,With no CallB	PM84XT	JARL
3530.0	0.5	2016	08	30	#REF!	A1A						VVV TP8TP8TP8 DE 6V~ K	PM84XT	JARL
3544.8	0.5	2016	08	10	#REF!	A1A						896541212592165476...	PM84XT	JARL
3553.0	3.0	2016	08	14	20:58-21:58	J3E/L						Program:Music,Language:Japanese	PM84XT	JARL
3553.0	3.0	2016	08	14	21:58-22:40	J3E/L					JA0 ?	No CallA Language:Japanese	PM84XT	JARL
3553.0	3.0	2016	08	14	21:58-22:24	J3E/L						No CallB Language:Japanese	PM84XT	JARL
3553.0	3.0	2016	08	14	22:24-22:40	J3E/L					JL2KYY	Language:Japanese	PM84XT	JARL
7016.0		2016	08	14	#REF!	Jamming						Signal RS:59	PM84XT	JARL

7038	0.5	2016	08	28	1216	PXX			non	non	non	unkown pulse only PXX	PM 97	JARL
7038	0.5	2016	08	29	1210	PXX			non	non	non	unkown pulse only PXX	PM 97	JARL
7038	0.5	2016	08	31	1214	PXX			non	non	non	unkown pulse only PXX	PM 97	JARL
7038	0.5	2016	08	31	1804	PXX			non	non	non	unkown pulse only PXX	PM 97	JARL
7039	0.5	2016	08	01	1004	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	08	01	1104	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	08	01	1210	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	08	01	1750	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	08	02	1006	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	08	02	1010	A1A			37	RUS	K--signal	Beacon	PM 97	JARL
7039	0.5	2016	08	02	1110	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0,5	2016	08	02	1208	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	08	02	1750	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	08	03	1620	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	08	04	1210	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	08	04	1750	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	08	05	1208	A1A			37	RUS	K--signal	Beacon	PM 97	JARL
7039	0.5	2016	08	05	1210	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	08	05	1802	A1A			37	RUS	K--signal	Beacon	PM 97	JARL
7039	0.5	2016	08	05	1804	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	08	06	1206	A1A			321	RUS	F--signal	Beacon	PM 97	JARL
7039	0.5	2016	08	06	1208	A1A			37	RUS	K--signal	Beacon	PM 97	JARL
7039	0.5	2016	08	06	1210	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	08	06	1750	A1A			321	RUS	F--signal	Beacon	PM 97	JARL
7039	0.5	2016	08	06	1752	A1A			37	RUS	K--signal	Beacon	PM 97	JARL
7039	0.5	2016	08	06	1754	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	08	07	1010	A1A			321	RUS	F--signal	Beacon T-7	PM 97	JARL
7039	0.5	2016	08	07	1012	A1A			37	RUS	K--signal	Beacon T-7	PM 97	JARL
7039	0.5	2016	08	07	1014	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	08	07	1106	A1A			321	RUS	F--signal	Beacon T-7	PM 97	JARL
7039	0.5	2016	08	07	1108	A1A			37	RUS	K--signal	Beacon T-7	PM 97	JARL
7039	0.5	2016	08	07	1110	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	08	07	1206	A1A			321	RUS	F--signal	Beacon T-7	PM 97	JARL
7039	0.5	2016	08	07	1750	A1A			321	RUS	F--signal	Beacon T-7	PM 97	JARL
7039	0.5	2016	08	07	1752	A1A			37	RUS	K--signal	Beacon T-7	PM 97	JARL
7039	0.5	2016	08	07	1754	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	08	08	1212	A1A			321	RUS	F--signal	Beacon T-7	PM 97	JARL
7039	0.5	2016	08	08	1214	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	08	08	1752	A1A			321	RUS	F--signal	Beacon T-7	PM 97	JARL
7039	0.5	2016	08	09	1212	A1A			321	RUS	F--signal	Beacon T-7	PM 97	JARL
7039	0.5	2016	08	09	1804	A1A			321	RUS	F--signal	Beacon T-7	PM 97	JARL
7039	0.5	2016	08	11	1010	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	08	11	1106	A1A			321	RUS	F--signal	Beacon T-7	PM 97	JARL
7039	0.5	2016	08	11	1208	A1A			321	RUS	F--signal	Beacon T-7	PM 97	JARL
7039	0.5	2016	08	11	1810	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	08	12	1008	A1A			15	RUS	M--signal	Beacon T-7	PM 97	JARL
7039	0.5	2016	08	12	1106	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	08	12	1206	A1A			321	RUS	F--signal	Beacon T-7	PM 97	JARL
7039	0.5	2016	08	12	1210	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	08	12	1820	A1A			321	RUS	F--signal	Beacon T-7	PM 97	JARL

7039	0.5	2016	08	13	1820	A1A			321	RUS	F--signal	Beacon T-7	PM 97	JARL
7039	0.5	2016	08	14	1210	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	08	14	1804	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	08	15	1208	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	08	15	1804	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	08	16	1210	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	08	16	1812	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	08	17	1210	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	08	18	1010	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	08	18	1106	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	08	18	1208	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	08	18	1810	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	08	22	1212	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	08	22	1820	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	08	23	1210	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	08	23	1754	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	08	24	1208	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	08	24	1740	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	08	25	1212	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	08	25	1810	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	08	27	1210	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	08	27	1804	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	08	28	1214	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	08	29	1206	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	08	29	1802	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	08	30	1112	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	08	30	1210	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	08	30	1806	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	08	31	1118	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	08	31	1210	A1A			15	RUS	non	Beacon	PM 97	JARL
7039	0.5	2016	08	31	1802	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039.2	0.5	2016	08	10	#REF!	A1A						train of "M"	PM84XT	JARL
7040.0	0.5	2016	08	10	#REF!	A1A						train of "F"	PM84XT	JARL
7046	5	2016	08	01	1206	JM			non	non	non	unkown pulse only PXX	PM 97	JARL
7069	0.5	2016	08	31	1114	PXX			non	non	non	unkown pulse only PXX	PM 97	JARL
7069	0.5	2016	08	31	1216	PXX			non	non	non	unkown pulse only PXX	PM 97	JARL
7069	0.5	2016	08	31	1806	PXX			non	non	non	unkown pulse only PXX	PM 97	JARL
7100.0	0.5	2016	08	01	13:35-13:38	A1A						DE 957 11111194876050690... K	PM84XT	JARL
7160	0.5	2016	08	31	1810	PXX			non	non	non	unkown pulse only PXX	PM 97	JARL
7200	5	2016	08	01	1000	A3E			non	CHN	non	Chainese talk and music Time signal 0+1	PM 97	JARL
7200	4	2016	08	01	1000	A3E			non	CHN	non	Chainese talk and music Time signal 3+1 2 sec late	PM 97	JARL
7200	5	2016	08	01	1100	A3E			non	CHN	non	Chainese talk and music Time signal 5+1	PM 97	JARL
7200	4	2016	08	01	1100	A3E			non	CHN	non	Chainese talk and music Time signal 5+1 2 sec late	PM 97	JARL
7200	5	2016	08	01	1200	A3E			non	CHN	non	Chainese talk and music Time signal 5+1	PM 97	JARL
7200	4	2016	08	01	1200	A3E			non	CHN	non	Chainese talk and music Time signal 5+1 2 sec late	PM 97	JARL
7200	5	2016	08	02	1000	A3E			non	CHN	non	Chainese talk and music Time signal 0+1	PM 97	JARL
7200	4	2016	08	02	1000	A3E			non	CHN	non	Chainese talk abd music Time signal 3+1 2 sec late	PM 97	JARL
7200	5	2016	08	02	1100	A3E			non	CHN	non	Chainese talk and music Time signal 5+1	PM 97	JARL
7200	4	2016	08	02	1100	A3E			non	CHN	non	Chainese talk and music Time signal 5+1 2 sec late	PM 97	JARL

7200	5	2016	08	02	1200	A3E			non	CHN	non	Chinese talk and music	Time signal 5+1	PM 97	JARL
7200	4	2016	08	02	1200	A3E			non	CHN	non	Chinese talk and music	Time signal 5+1 2 sec late	PM 97	JARL
7200	5	2016	08	04	1200	A3E			non	CHN	non	Chinese talk and music	Time signal 5+1	PM 97	JARL
7200	4	2016	08	04	1200	A3E			non	CHN	non	Chinese talk and music	Time signal 5+1 2 sec late	PM 97	JARL
7200	5	2016	08	05	1200	A3E			non	CHN	non	Chinese talk and music		PM 97	JARL
7200	4	2016	08	05	1200	A3E			non	CHN	non	Chinese talk and music		PM 97	JARL
7200	5	2016	08	06	1200	A3E			non	CHN	non	Chinese talk and music	Time signal 5+1	PM 97	JARL
7200	4	2016	08	06	1200	A3E			non	CHN	non	Chinese talk and music	Time signal 5+1 2 sec late	PM 97	JARL
7200	5	2016	08	07	1000	A3E			non	CHN	non	Chinese talk and music	Time signal 0+1	PM 97	JARL
7200	4	2016	08	07	1000	A3E			non	CHN	non	Chinese talk and music	Time signal 3+1 2 sec late	PM 97	JARL
7200	5	2016	08	07	1100	A3E			non	CHN	non	Chinese talk and music	Time signal 5+1	PM 97	JARL
7200	3	2016	08	07	1100	A3E			non	CHN	non	Chinese talk and music	Time signal 5+1 2 sec late	PM 97	JARL
7200	5	2016	08	07	1200	A3E			non	CHN	non	Chinese talk and music	Time signal 5+1	PM 97	JARL
7200	4	2016	08	07	1200	A3E			non	CHN	non	Chinese talk and music	Time signal 5+1 2 sec late	PM 97	JARL
7200	0.5	2016	08	07	1208	A1A			37	RUS	K--signal	Beacon T-7		PM 97	JARL
7200	0.5	2016	08	07	1210	A1A			15	RUS	M--signal	Beacon		PM 97	JARL
7200	5	2016	08	08	1000	A3E			non	CHN	non	Chinese talk and music	Time signal 3+1	PM 97	JARL
7200	4	2016	08	08	1000	A3E			non	CHN	non	Chinese talk and music	Time signal 5+1 2 sec late	PM 97	JARL
7200	5	2016	08	08	1100	A3E			non	CHN	non	Chinese talk and music	Time signal 5+1	PM 97	JARL
7200	4	2016	08	08	1100	A3E			non	CHN	non	Chinese talk and music	Time signal 5+1 2 sec late	PM 97	JARL
7200	5	2016	08	08	1200	A3E			non	CHN	non	Chinese talk and music	Time signal 5+1	PM 97	JARL
7200	4	2016	08	08	1200	A3E			non	CHN	non	Chinese talk and music	Time signal 5+1 2 sec late	PM 97	JARL
7200	5	2016	08	09	1000	A3E			non	CHN	non	Chinese talk and music	Time signal 5+1	PM 97	JARL
7200	4	2016	08	09	1000	A3E			non	CHN	non	Chinese talk and music	Time signal 5+1 2 sec late	PM 97	JARL
7200	5	2016	08	09	1100	A3E			non	CHN	non	Chinese talk and music	Time signal 5+1	PM 97	JARL
7200	4	2016	08	09	1100	A3E			non	CHN	non	Chinese talk and music	Time signal 5+1 2 sec late	PM 97	JARL
7200	5	2016	08	09	1200	A3E			non	CHN	non	Chinese talk and music	Time signal 5+1	PM 97	JARL
7200	4	2016	08	09	1200	A3E			non	CHN	non	Chinese talk and music	Time signal 5+1 2 sec late	PM 97	JARL
7200	5	2016	08	10	1000	A3E			non	CHN	non	Chinese talk and music	Time signal 5+1	PM 97	JARL
7200	4	2016	08	10	1000	A3E			non	CHN	non	Chinese talk and music	Time signal 5+1 2 sec late	PM 97	JARL
7200	5	2016	08	10	1100	A3E			non	CHN	non	Chinese talk and music	Time signal 5+1	PM 97	JARL
7200	4	2016	08	10	1100	A3E			non	CHN	non	Chinese talk and music	Time signal 5+1 2 sec late	PM 97	JARL
7200	5	2016	08	10	1200	A3E			non	CHN	non	Chinese talk and music	Time signal 5+1	PM 97	JARL
7200	4	2016	08	10	1200	A3E			non	CHN	non	Chinese talk and music	Time signal 5+1 2 sec late	PM 97	JARL
7200	5	2016	08	11	1000	A3E			non	CHN	non	Chinese talk and music	Time signal 5+1	PM 97	JARL
7200	4	2016	08	11	1000	A3E			non	CHN	non	Chinese talk and music	Time signal 5+1 2 sec late	PM 97	JARL
7200	5	2016	08	11	1100	A3E			non	CHN	non	Chinese talk and music	Time signal 5+1	PM 97	JARL
7200	4	2016	08	11	1100	A3E			non	CHN	non	Chinese talk and music	Time signal 5+1 2 sec late	PM 97	JARL
7200	5	2016	08	11	1200	A3E			non	CHN	non	Chinese talk and music	Time signal 5+1	PM 97	JARL
7200	4	2016	08	11	1200	A3E			non	CHN	non	Chinese talk and music	Time signal 5+1 2 sec late	PM 97	JARL
7200	5	2016	08	12	1000	A3E			non	CHN	non	Chinese talk and music	Time signal 0+1	PM 97	JARL
7200	4	2016	08	12	1000	A3E			non	CHN	non	Chinese talk and music	Time signal 3+1 2 sec late	PM 97	JARL
7200	5	2016	08	12	1100	A3E			non	CHN	non	Chinese talk and music	Time signal 5+1	PM 97	JARL
7200	4	2016	08	12	1100	A3E			non	CHN	non	Chinese talk and music	Time signal 5+1 2 sec late	PM 97	JARL
7200	5	2016	08	12	1200	A3E			non	CHN	non	Chinese talk and music	Time signal 5+1	PM 97	JARL
7200	4	2016	08	12	1200	A3E			non	CHN	non	Chinese talk and music	Time signal 5+1 2 sec late	PM 97	JARL
7200	5	2016	08	13	1200	A3E			non	CHN	non	Chinese talk and music	Time signal 5+1	PM 97	JARL
7200	5	2016	08	13	1200	A3E			non	CHN	non	Chinese talk and music	Time signal 5+1 2 sec late	PM 97	JARL
7200	5	2016	08	14	1200	A3E			non	CHN	non	Chinese talk and music	Time signal 5+1	PM 97	JARL
7200	4	2016	08	14	1200	A3E			non	CHN	non	Chinese talk and music	Time signal 5+1 2 sec late	PM 97	JARL

[illegible]

NZART: 47 observations

kHz	BW	YYYY	Mon	DD	GMT	UTC	Emm	Bd	Sft	Hdg	ADM	ID	Description	Grid	Society
7000		2016	08	DY	HX	HX	J3E/L				?	Unid	Non-Hams, mainly Spanish & Indonesian Languages - when OTHR is not on.	RF72LQ	ZL1BAD
7001		2016	08	28	<0726>	0726	J3E/U				IND	Unid	Non-Hams Indonesian languages S2 to S3 Males, whistling and singing	RF73Mf	ZL1GWE
7002		2016	08	21	<0720>	0720	J3E/U				IND	Unid	Non-Hams Indonesian languages S2 to S3 Males	RF73MF	ZL1GWE
7038.7		2016	08	DY	0330-2200	0330-2200	A1A				RUS	D	CW Baecon D, Sevastopol RCV	RF72LQ	ZL1BAD
7038.8		2016	08	DY	0330-2200	0330-2200	A1A				RUS	K	CW Beacon K RCC	RF72LQ	ZL1BAD
7038.9		2016	08	DY	0330-2200	0330-2200	A1A				RUS	S	CW Beacon S, Sevromorsk RIT	RF72LQ	ZL1BAD
7039.2		2016	08	DY	0330-2200	0330-2200	A1A				RUS	F	CW Beacon F, Vladvostok RJS	RF72LQ	ZL1BAD
7039.4		2016	08	DY	0330-2200	0330-2200	A1A				RUS	M	CW Beacon M, Magadan RTS	RF72LQ	ZL1BAD
7065	10	2016	08	23	<0745>	0745	PXX				?	Unid	OTHR variable with 3 secs inbteenfor 5 secs each pulse	RF72LQ	ZL1BAD
7075	30	2016	08	20	<1830>	1830	VXX				?	Unid	CODAR 2.5 pps	RF73JD	ZL1DRB
14144.5	161	2016	08	04	<0449>	0449	PXX				?	Unid	OTHR S5 51 second bursts 160 kHz wide 11 pps	RF73MF	ZL1GWE
14201		2016	08	21	<0724>	0724	J2B				CHN	Unid	Chinese BPSK S3 previously on 14301 now shifted to 14201	RF73Mf	ZL1GWE
14250	10	2016	08	11	<0140>	0140	PXX				?	Unid	OTHR 1 burst only	RF72LQ	ZL1BAD
14252	10	2016	08	21	<0440>	0440	PXX				?	Unid	OTHR 1 burst only	RF72LQ	ZL1BAD
21000		2016	08	DY	HX	HX	G7DE/F				?	Unid	1, 6, & 8 PSK	RF72LQ	ZL1BAD
21120	20	2016	08	04	<0440>	<0440>	PXX				?	Unid	CONTINUOS	RF72LQ	ZL1BAD
14272	10	2016	08	21	<0440>	0440	PXX				?	Unid	OTHR every 1 min. for 10 secs.	RF72LQ	ZL1BAD
14272	10	2016	08	26	<0010>	0010	PXX				?	Unid	OTHR every 1 min. for 10 secs.	RF72LQ	ZL1BAD
14294	250	2016	08	26	<2300>	2300	PXX				?	Unid	OTHR every 1 min. for 10 secs.	RF72LQ	ZL1BAD
14294	10	2016	08	17	<0315>	0315	PXX				?	Unid	OTHR every 1 min. for 10 secs.	RF72LQ	ZL1BAD
14305	10	2016	08				PXX				?	Unid	every 2 min. for 3 secs	RF72LQ	ZL1BAD
14323	10	2016	08				PXX				?	Unid	every 1 min for 5 secs.	RF72LQ	ZL1BAD
14300	10	2016	08	24	<0130>	0130	PXX				?	Unid	OTHR every 1 min. for 10 secs.	RF72LQ	ZL1BAD
14302		2016	08	01	<0710>	0710	G7D			330	RUS	Unid	Military Stanag 4825 12 tone with guard band S5 encrypted ODFM signal	RF73MF	ZL1GWE
14320	190	2016	08	04	<0500>	0500	PXX			330	?	Unid	OTHR 51 second bursts S4 11 pps wide bandwidth 190 kHz	RF73MF	ZL1GWE
14329	10	2016	08	04	<0713>	0713	PXX			330	?	Unid	OTHR S4 8 second bursts 67 pps 10 kHz wide	RF73MF	ZL1GWE
14334.5	13	2016	08	04	<0840>	0840	PXX				?	Unid	OTHR 3.5 second bursts at 30 second intervals	RF73JD	ZL1DRB

14388		2016	08	01	<0710>	0710	G7D			330	RUS	Unid	Military Stanag 4825 12 tone with guard band S7 encrypted ODFM signal	RF73MF	ZL1GWE
18075	10	2016	08	29	<2350>	2350	PXX				?	Unid	OTHR every 1 minute for 5 seconds	RF72LQ	ZL1BAD
18078.5	11	2016	08	14	<0721>	0721	PXX				?	Unid	OTHR S3 3.4 seconds bursts 69 pps	RF73MF	ZL1GWE
18142	10	2016	08	17	<0330>	0330	PXX				?	Unid	OTHR every 1 min for 10 secs.	RF72LQ	ZL1BAD
21187	10	2016	08	05	<0110>	0110-0115	PXX				?	Unid	OTHR continuous - finished at 0115	RF72LQ	ZL1BAD
21212	10	2016	08	25	<0020>	0020	PXX				?	Unid	OTHR every 1 min. for 5 secs	RF72LQ	ZL1BAD
21228	10	2016	08	15	<0305>	0305	PXX				?	Unid	OTHR every 1 min. for 5 secs	RF72LQ	ZL1BAD
21235	10	2016	08	14	<0405>	0405	PXX				?	Unid	OTHR variable every 20 secs. Double pulses for 5 secs.	RF72LQ	ZL1BAD
21230	10	2016	08	07	<0305>	0305	PXX				?	Unid	OTHR for 3 seconds, variable timing every 1 min.	RF72LQ	ZL1BAD
21230	10	2016	08	20	<0505>	0505	PXX				?	Unid	OTHR variable double pulses of 5 seconds duration	RF72LQ	ZL1BAD
21236	10	2016	08	17	<0328	0328	PXX				?	Unid	OTHR every 1 min.for 3 secs.	RF72LQ	ZL1BAD
21230	10	2016	08	08	<0135>	0135	PXX				?	Unid	OTHR every 1 min. for 5 secs	RF72LQ	ZL1BAD
21244	10	2016	08	11	<0135>	0135	PXX				?	Unid	OTHR finished at.0135	RF72LQ	ZL1BAD
21250	10	2016	08	05	<0117>	0117	PXX				?	Unid	OTHR as per 21260	RF72LQ	ZL1BAD
21260	10	2016	08	07	<0305>	0305	PXX				?	Unid	OTHR every 40 secs. For 4 secs.	RF72LQ	ZL1BAD
21287	10	2016	08	31	<2340>	2340	PXX				?	Unid	OTHR Doublepulses every 1 min.	RF72LQ	ZL1BAD
21315	10	2016	08	26	<0020>	0020	PXX				?	Unid	OTHR every 1 min.	RF72LQ	ZL1BAD
21315	10	2016	08	29	<2345>	2345	PXX				?	Unid	OTHR every 1 imn.	RF72LQ	ZL1BAD
21440	60	2016	08	15	<0110>	0110	PXX				?	Unid	OTHR wide band covering both in and out of band	RF72LQ	ZL1BAD
28575		2016	08	21	<0610>	0610	A3E				CHN	Unid	Non Hams Chinese S2-S3 males talking	RF73MF	ZL1GWE

WIA: 402 observation

Freq kHz	BW	YYYY	MM	DD	GMT	UTC	Emm	Bd	Sft	Hdg	ADM	ID	Description	Grid	Society	Notes
3516,0	3	2016	8	25	1005		J3E/U						JAPANESE. NO CALLS – EVER	QG62an	WIA	VK4TJ
3522,0	3	2016	8	27	0900		J3E/U						ASIAN	QG62an	WIA	VK4TJ
3530,0	2	2016	8	18	1910		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
3531,0	5	2016	8	1	1910		G7D						DOZENS OF SUBCARRIERS ON CLOSE-SPACED INTERVALS	QG62an	WIA	VK4TJ
3532,0	3	2016	8	19	1845		J3E/U						CHINESE	QG62an	WIA	VK4TJ
3543,0	3	2016	8	31	0855		J3E/U						ASIAN	QG62an	WIA	VK4TJ
3550,0	50	2016	8	31	1905		P0N						OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
3554,0	5	2016	8	11	2050		G1D						BROAD PSK	QG62an	WIA	VK4TJ
3555,0	3	2016	8	18	0950		J3E/U						JAPANESE. NO CALLS – EVER	QG62an	WIA	VK4TJ

3564,0	1	2016	8	1	1945		F1B						IDLING	QG62an	WIA	VK4TJ
3578,0	1	2016	8	8	2050		F1B		250				CONTINUOUS	QG62an	WIA	VK4TJ
3585,0	3	2016	8	1	0950		J1C				KOR	HLL2	FAX	QG62an	WIA	VK4TJ
3588,4	3	2016	8	19	0900		J3E/U						ASIAN	QG62an	WIA	VK4TJ
3594,0	1	2016	8	18	1915		G7D						RHYTHMIC PULSES	QG62an	WIA	VK4TJ
3599,0	1	2016	8	1	1900		G7D						RHYTHMIC PULSES	QG62an	WIA	VK4TJ
3608,0	3	2016	8	19	1915		J3E/L						ASIAN MUSIC	QG62an	WIA	VK4TJ
3613,0		2016	8	1	1945		A1A						MIXED NUMBER/LETTER CIPHER	QG62an	WIA	VK4TJ
3615,8	3	2016	8	1	1910		J3E/U						ASIAN	QG62an	WIA	VK4TJ
3622,5	3	2016	8	1	0950		J1C				JPN	JMH	DAILY, FAX	QG62an	WIA	VK4TJ
3632,0	3	2016	8	8	2100		J1C						FAX	QG62an	WIA	VK4TJ
3642,0		2016	8	1	1905		A1A					3A7D	CALLING DKG6	QG62an	WIA	VK4TJ
3646,0	5	2016	8	31	1855		G7D						DOZENS OF SUBCARRIERS ON CLOSE-SPACED INTERVALS	QG62an	WIA	VK4TJ
3650,0	50	2016	8	10	2125		P0N						OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
3656,0	3	2016	8	27	0745		J3E/U						CHINESE	QG62an	WIA	VK4TJ
3660,0	3	2016	8	27	0850		J3E/U						CHINESE	QG62an	WIA	VK4TJ
3691,5		2016	8	1	1905		A1A						DAILY, NUMBER CIPHER	QG62an	WIA	VK4TJ
3692,0		2016	8	27	0905		A1A						MIXED NUMBER/LETTER CIPHER	QG62an	WIA	VK4TJ
3694,5		2016	8	1	1905		A1A						NUMBER CIPHER	QG62an	WIA	VK4TJ
3695,0	3	2016	8	1	0950		G7D						DOZENS OF SUBCARRIERS ON CLOSE-SPACED INTERVALS	QG62an	WIA	VK4TJ
3700,0	50	2016	8	1	1905		P0N						OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
3777,0		2016	8	18	1915		A1A					RIS9	MIXED NUMBER/LETTER CIPHER	QG62an	WIA	VK4TJ
3787,0	5	2016	8	1	1905		G7D						DOZENS OF SUBCARRIERS ON CLOSE-SPACED INTERVALS	QG62an	WIA	VK4TJ
3787,7	3	2016	8	22	0945		J3E/U						ASIAN, SOUNDS KOREAN	QG62an	WIA	VK4TJ
3791,0		2016	8	10	2130		A1A						VVV	QG62an	WIA	VK4TJ
3800,0	50	2016	8	19	1920		P0N						OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
6950,0	150	2016	8	1	1910		P0N						OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
6990,0	30	2016	8	12	0940		P0N						OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
6998,0	5	2016	8	5	2100		H3E/U						"THE BUZZER"	QG62an	WIA	VK4TJ
6999,0	3	2016	8	5	2120		J3E/U						DAILY, ASIAN, SOUNDS CHINESE	QG62an	WIA	VK4TJ
7000,0	3	2016	8	1	0820		J3E/U				INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7000,0	3	2016	8	2	0940		J3E/U						ASIAN MUSIC	QG62an	WIA	VK4TJ
7001,0	5	2016	8	16	0840		G1D						BROAD PSK	QG62an	WIA	VK4TJ

7001,0	3	2016	8	5	2125		J3E/U						ASIAN	QG62an	WIA	VK4TJ
7002,0	3	2016	8	1	0730		J3E/U						DAILY, ASIAN	QG62an	WIA	VK4TJ
7005,0	1	2016	8	19	1915		A1A						5 LETTER GROUPS, VERY BAD CHIRP	QG62an	WIA	VK4TJ
7005,0	3	2016	8	1	0840		J3E/L				INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7005,0	3	2016	8	3	0910		J3E/U				INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7008,0	1	2016	8	8	2100		F1B						CONTINUOUS	QG62an	WIA	VK4TJ
7010,0	2	2016	8	5	0915		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
7010,0	3	2016	8	1	0840		J3E/L				INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7010,0	3	2016	8	6	1000		J3E/U				INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7011,0	5	2016	8	28	2100		G1D						BROAD PSK	QG62an	WIA	VK4TJ
7011,0	1	2016	8	25	0950		F1B						SELCALL TONES	QG62an	WIA	VK4TJ
7013,0	5	2016	8	25	0945		G7D						DOZENS OF SUBCARRIERS ON CLOSE-SPACED INTERVALS	QG62an	WIA	VK4TJ
7015,0	3	2016	8	1	0845		J3E/L				INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7015,0	3	2016	8	2	0955		J3E/U				INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7015,0	3	2016	8	19	1940		J3E/U						ITALIAN SPEAKERS	QG62an	WIA	VK4TJ
7016,0	3	2016	8	3	0930		J3E/L				INS		VILLAGE RADIO	QG62an	WIA	VK4TJ
7020,0	3	2016	8	1	0845		J3E/L				INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7020,0	3	2016	8	12	0945		J3E/U				INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7021,0	5	2016	8	3	0935		G1D						BROAD PSK	QG62an	WIA	VK4TJ
7025,0	3	2016	8	1	0820		J3E/L				INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7027,5		2016	8	1	1910		A1A					V	DAILY, BEACON	QG62an	WIA	VK4TJ
7029,0	5	2016	8	3	0935		G7D						DOZENS OF SUBCARRIERS ON CLOSE-SPACED INTERVALS	QG62an	WIA	VK4TJ
7030,0	2	2016	8	12	0955		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
7030,0	3	2016	8	1	0820		J3E/L				INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7030,0	3	2016	8	19	0835		J3E/U				INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7032,0	3	2016	8	4	0910		J3E/L						VILLAGE RADIO	QG62an	WIA	VK4TJ
7035,0	3	2016	8	1	0905		J3E/L				INS		DAILY, VILLAGE RADIO, CHANTING	QG62an	WIA	VK4TJ
7035,0	3	2016	8	6	1025		J3E/U				INS		DAILY, VILLAGE RADIO, CHANTING	QG62an	WIA	VK4TJ
7039,3	1	2016	8	1	0910		A2A				RUS	F	DAILY, BEACON, MODULATION IS HUM	QG62an	WIA	VK4TJ
7039,4	1	2016	8	1	0910		A2A				RUS	M	DAILY, BEACON, MODULATION IS HUM	QG62an	WIA	VK4TJ
7040,0	40	2016	8	2	2105		VXX						CODAR	QG62an	WIA	VK4TJ
7040,0	40	2016	8	19	1920		P0N						OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
7040,5	3	2016	8	1	0730		J3E/U						DAILY, CHINESE	QG62an	WIA	VK4TJ
7041,0	3	2016	8	16	0835		J3E/U						ASIAN	QG62an	WIA	VK4TJ
7048,0		2016	8	26	2115		A1A					V2Z5	CALLING LXJX	QG62an	WIA	VK4TJ
7050,0	3	2016	8	28	2100		J3E/L						RUSSIAN MUSIC	QG62an	WIA	VK4TJ
7050,0	1	2016	8	25	0940		F1B						SELCALL TONES	QG62an	WIA	VK4TJ
7050,0	3	2016	8	15	2130		J3E/U						ASIAN FAMILY NET	QG62an	WIA	VK4TJ
7053,0	1	2016	8	8	2100		F1B						RYTHMIC BURSTS	QG62an	WIA	VK4TJ
7055,0	3	2016	8	1	2110		J3E/L						RUSSIAN POLITICAL	QG62an	WIA	VK4TJ

													SPEECH			
7061,0	5	2016	8	10	2130		G7D						DOZENS OF SUBCARRIERS ON CLOSE-SPACED INTERVALS	QG62an	WIA	VK4TJ
7063,0	5	2016	8	19	1920		G7D						DOZENS OF SUBCARRIERS ON CLOSE-SPACED INTERVALS	QG62an	WIA	VK4TJ
7080,0	3	2016	8	31	1855		J3E/U						ASIAN,	QG62an	WIA	VK4TJ
7080,0	160	2016	8	21	2145		P0N						OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
7082,1	3	2016	8	25	0955		J3E/U						ASIAN, SOUNDS CHINESE	QG62an	WIA	VK4TJ
7085,0	2	2016	8	18	0100		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
7085,0	20	2016	8	4	2110		P0N						OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
7085,0	10	2016	8	1	2115		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
7088,0	3	2016	8	1	0930		J3E/U						ASIAN MUSIC	QG62an	WIA	VK4TJ
7090,0	160	2016	8	27	2125		P0N						OTHR, LONG BURSTS	QG62an	WIA	VK4TJ
7100,0	3	2016	8	23	0845		J3E/U				INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7100,0	160	2016	8	4	2050		P0N						OTHR, LONG BURSTS	QG62an	WIA	VK4TJ
7100,0	1	2016	8	3	0945		F1B						BURSTS	QG62an	WIA	VK4TJ
7105,0	1	2016	8	1	1900		F1B		250				DAILY, BURSTS	QG62an	WIA	VK4TJ
7111,0	1	2016	8	4	1020		F1B						BURSTS	QG62an	WIA	VK4TJ
7114,0	1	2016	8	1	1940		F1B		250				DAILY, BURSTS	QG62an	WIA	VK4TJ
7117,0		2016	8	31	0835		N0N							QG62an	WIA	VK4TJ
7117,0	1	2016	8	2	2115		F1B						CONTINUOUS, IDLING	QG62an	WIA	VK4TJ
7118,0	5	2016	8	22	0925		G7D						DOZENS OF SUBCARRIERS ON CLOSE-SPACED INTERVALS	QG62an	WIA	VK4TJ
7120,0	8	2016	8	1	1855		A3E				SOM		RADIO HARGEISA	QG62an	WIA	VK4TJ
7122,0		2016	8	31	1900		A1A					V	DAILY, BEACON	QG62an	WIA	VK4TJ
7135,0	1	2016	8	22	0925		F1B						SELCALL TONES	QG62an	WIA	VK4TJ
7144,0	1	2016	8	1	2115		F1B						DAILY, BURSTS	QG62an	WIA	VK4TJ
7150,0	3	2016	8	19	0835		J3E/U						ASIAN, SOUNDS CHINESE	QG62an	WIA	VK4TJ
7151,5	3	2016	8	5	2125		J3E/U						ASIAN, SOUNDS CHINESE	QG62an	WIA	VK4TJ
7153,0	3	2016	8	15	2140		J3E/U				INS		BAHASA	QG62an	WIA	VK4TJ
7160,0	30	2016	8	2	2115		VXX						CODAR	QG62an	WIA	VK4TJ
7160,0	1	2016	8	29	0930		F1B						SELCALL TONES	QG62an	WIA	VK4TJ
7161,0		2016	8	29	1005		A1A						MIXED NUMBER/LETTER CIPHER	QG62an	WIA	VK4TJ
7162,0	3	2016	8	29	0915		J3E/U				PHL		TAGALOG	QG62an	WIA	VK4TJ
7163,7	3	2016	8	23	0845		J3E/U						ASIAN	QG62an	WIA	VK4TJ
7166,0	3	2016	8	27	2125		J3E/U						ASIAN	QG62an	WIA	VK4TJ
7168,0	1	2016	8	29	0935		F1B						BURSTS	QG62an	WIA	VK4TJ
7170,0	2	2016	8	21	2145		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
7170,0	3	2016	8	13	0845		J3E/U						ASIAN, SOUNDS CHINESE	QG62an	WIA	VK4TJ
7173,0	5	2016	8	28	0820		G1D						BROAD PSK	QG62an	WIA	VK4TJ
7177,5	3	2016	8	29	0935		J3E/U						ASIAN	QG62an	WIA	VK4TJ

7180,0	3	2016	8	10	2135		J3E/U						DAILY, ASIAN	QG62an	WIA	VK4TJ
7184,0	5	2016	8	3	0950		G7D						BURSTS	QG62an	WIA	VK4TJ
7190,0	3	2016	8	10	2135		J3E/U						DAILY, ASIAN	QG62an	WIA	VK4TJ
7192,0		2016	8	11	2110		A1A						MIXED NUMBER/LETTER CIPHER	QG62an	WIA	VK4TJ
7195,0	8	2016	8	3	0950		A3E					SRI	SRI LANKAN BROADCASTING	QG62an	WIA	VK4TJ
7196,3	8	2016	8	1	0925		A3E						VOICE OF VIET NAM SPURIOUS	QG62an	WIA	VK4TJ
7200,0	3	2016	8	14	0850		J3E/U						ASIAN FAMILY NET	QG62an	WIA	VK4TJ
7200,0	8	2016	8	1	1025		A3E						DAILY, SW BROADCAST, (2 STATIONS) CHINESE LANGUAGE	QG62an	WIA	VK4TJ
7206,6	3	2016	8	22	0935		J3E/L						ASIAN – NO CALLS – EVER	QG62an	WIA	VK4TJ
7230,0	2	2016	8	28	0845		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
7281,5		2016	8	19	0840		A1A						CONTINUOUS DITS	QG62an	WIA	VK4TJ
7284,7		2016	8	19	0840		A1A						CONTINUOUS DITS	QG62an	WIA	VK4TJ
7299,4		2016	8	3	0950		A1A						DITS	QG62an	WIA	VK4TJ
10100,0	8	2016	8	16	0910		A3E					NKR	RADIO PYONGYANG	QG62an	WIA	VK4TJ
10110,0	2	2016	8	18	0820		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
10120,0	2	2016	8	24	0510		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
10130,0	20	2016	8	1	0015		VXX						CODAR	QG62an	WIA	VK4TJ
10150,0	2	2016	8	5	2140		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
14000,0	3	2016	8	5	0335		J3E/U						DAILY, ASIAN	QG62an	WIA	VK4TJ
14001,0	1	2016	8	3	2255		F1B						BURSTS	QG62an	WIA	VK4TJ
14002,0	1	2016	8	7	2145		F1B	HIGH	850				CONTINUOUS	QG62an	WIA	VK4TJ
14004,4	3	2016	8	11	0850		J3E/L						ASIAN	QG62an	WIA	VK4TJ
14008,0	1	2016	8	8	0825		F1B		250				DAILY, CONTINUOUS	QG62an	WIA	VK4TJ
14011,0	3	2016	8	6	2150		J3E/U						ASIAN	QG62an	WIA	VK4TJ
14011,5	3	2016	8	12	0820		J3E/U						ASIAN	QG62an	WIA	VK4TJ
14013,0	5	2016	8	3	0825		G7D						DOZENS OF SUBCARRIERS ON CLOSE-SPACED INTERVALS	QG62an	WIA	VK4TJ
14014,3	3	2016	8	15	0830		J3E/U						ASIAN	QG62an	WIA	VK4TJ
14014,5	3	2016	8	8	0900		J3E/L						ASIAN	QG62an	WIA	VK4TJ
14015,0	3	2016	8	12	0830		J3E/U						ASIAN	QG62an	WIA	VK4TJ
14015,0	2	2016	8	11	2305		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
14016,0	3	2016	8	18	0850		J3E/U						ASIAN	QG62an	WIA	VK4TJ
14016,0	1	2016	8	12	0830		F1B						SELCALL TONES	QG62an	WIA	VK4TJ
14022,0	5	2016	8	24	0005		G7D						DOZENS OF SUBCARRIERS ON CLOSE-SPACED INTERVALS	QG62an	WIA	VK4TJ
14030,0	160	2016	8	13	2355		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14032,2	3	2016	8	11	2320		J3E/L						ASIAN	QG62an	WIA	VK4TJ
14037,0	3	2016	8	30	0840		J3E/U						ASIAN	QG62an	WIA	VK4TJ
14037,8	3	2016	8	8	0935		J3E/U						ASIAN	QG62an	WIA	VK4TJ
14040,0	3	2016	8	10	0930		J3E/U						ASIAN, SOUNDS BAHASA	QG62an	WIA	VK4TJ

14040,7	3	2016	8	10	0935		J3E/U						ASIAN	QG62an	WIA	VK4TJ
14045,0	1	2016	8	8	0950		F1B						DAILY, BURSTS	QG62an	WIA	VK4TJ
14048,0	3	2016	8	16	2300		J3E/U				PHL		DAILY, TAGALOG SPEAKERS	QG62an	WIA	VK4TJ
14049,0	3	2016	8	20	0020		J3E/U						ASIAN	QG62an	WIA	VK4TJ
14055,0	20	2016	8	16	2300		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14055,0	2	2016	8	11	2215		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
14056,5	3	2016	8	15	0955		J3E/U						ASIAN, SOUNDS TAGALOG	QG62an	WIA	VK4TJ
14066,6	3	2016	8	24	0000		J3E/U						ASIAN	QG62an	WIA	VK4TJ
14067,0	3	2016	8	12	0005		J3E/U						ASIAN	QG62an	WIA	VK4TJ
14077,0	3	2016	8	5	2310		J3E/U						ASIAN, SOUNDS CHINESE	QG62an	WIA	VK4TJ
14078,0	3	2016	8	7	2155		J3E/U						ASIAN, SOUNDS CHINESE	QG62an	WIA	VK4TJ
14086,0	3	2016	8	5	2310		J3E/U						ASIAN, NOT CHINESE	QG62an	WIA	VK4TJ
14090,0	160	2016	8	25	0650		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14100,0	160	2016	8	22	0205		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14108,0		2016	8	3	0840		A1A					3LQ2	DAILY, LETTER CIPHER	QG62an	WIA	VK4TJ
14108,9	3	2016	8	6	2145		J3E/U						ASIAN, NOT CHINESE	QG62an	WIA	VK4TJ
14109,0	1	2016	8	6	2145		F1B						SELCALL TONES	QG62an	WIA	VK4TJ
14110,0	160	2016	8	24	0035		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14111,0	1	2016	8	3	0840		F1B						SELCALL TONES	QG62an	WIA	VK4TJ
14114,2	3	2016	8	9	0810		J3E/U						DAILY, ASIAN	QG62an	WIA	VK4TJ
14115,0	1	2016	8	9	0815		F1B						SELCALL TONES, ALTERNATES WITH USB ON 14114.2	QG62an	WIA	VK4TJ
14116,0	1	2016	8	11	0645		F1B		250				CONTINUOUS	QG62an	WIA	VK4TJ
14120,0	160	2016	8	2	0720		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14123,0	3	2016	8	30	0845		J3E/L						ASIAN FAMILY NET	QG62an	WIA	VK4TJ
14124,0	5	2016	8	4	0320		G1D						BROAD PSK, BURSTS	QG62an	WIA	VK4TJ
14127,0	1	2016	8	5	2145		F1B	HIGH					BURSTS	QG62an	WIA	VK4TJ
14130,0	160	2016	8	23	2315		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14132,0	1	2016	8	6	0655		F1B						BURSTS	QG62an	WIA	VK4TJ
14135,0	2	2016	8	16	0555		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
14140,0	15	2016	8	21	0525		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14148,8	3	2016	8	7	2200		J3E/U						ASIAN, SOUNDS CHINESE	QG62an	WIA	VK4TJ
14150,0	160	2016	8	19	0605		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14150,0	10	2016	8	9	0810		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14152,0	3	2016	8	23	2215		J3E/U						CHINESE FISHBOATS, ENGINE NOISE	QG62an	WIA	VK4TJ
14170,0	160	2016	8	24	0405		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14170,0	20	2016	8	21	0145		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14171,8	3	2016	8	7	0040		J3E/U						ASIAN, NOT CHINESE	QG62an	WIA	VK4TJ
14180,0	160	2016	8	14	0045		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14180,0	10	2016	8	3	0710		P0N						OTHR, CONTINUOUS. SLOW PULSE RATE	QG62an	WIA	VK4TJ
14181,0		2016	8	7	2200		A1A						VVV	QG62an	WIA	VK4TJ
14186,0	1	2016	8	23	0720		F1B						CONTINUOUS	QG62an	WIA	VK4TJ
14190,0	160	2016	8	25	0305		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ

14190,0	10	2016	8	21	0150		P0N							OTHR, BURSTS	QG62an	WIA	VK4TJ
14201,5	3	2016	8	14	<2133-2350>		G7D							one sec pulses and data bursts	QF22md	WIA	VK3MV
14201,5	3	2016	8	3	0433Z		G7D							one sec pulses and data bursts	QF22md	WIA	VK3MV
14201,5	3	2016	8	28	<2100-2400>		G7D							one sec pulses and data bursts	QF22md	WIA	VK3MV
14201,5	5	2016	8	1	0715		G7D							DAILY	QG62an	WIA	VK4TJ
14208,5	3	2016	8	3	0825		J3E/U							CHINESE, FAMILY NET	QG62an	WIA	VK4TJ
14221,0	1	2016	8	7	0040		F1B							DAILY, CONTINUOUS	QG62an	WIA	VK4TJ
14223,0	3	2016	8	3	0830		J3E/U							ASIAN, SOUNDS CHINESE	QG62an	WIA	VK4TJ
14225,0	20	2016	8	23	0720		P0N							OTHR, BURSTS	QG62an	WIA	VK4TJ
14230,0	160	2016	8	22	0040		P0N							OTHR, BURSTS	QG62an	WIA	VK4TJ
14236,0	3	2016	8	3	0845		J3E/U							CHINESE, FAMILY NET	QG62an	WIA	VK4TJ
14238,0	5	2016	8	7	2150		G7D							DOZENS OF SUBCARRIERS ON CLOSE-SPACED INTERVALS	QG62an	WIA	VK4TJ
14250,0	160	2016	8	18	0520		P0N							OTHR, LONG BURSTS	QG62an	WIA	VK4TJ
14250,0	3	2016	8	3	0830		J3E/L							ASIAN, SOUNDS CHINESE	QG62an	WIA	VK4TJ
14253,9	3	2016	8	5	2155		J3E/U							ASIAN, NO CALLS, EVER	QG62an	WIA	VK4TJ
14260,0	160	2016	8	22	0040		P0N							OTHR, BURSTS	QG62an	WIA	VK4TJ
14268,0	5	2016	8	2	2125		G7D							DOZENS OF SUBCARRIERS ON CLOSE-SPACED INTERVALS	QG62an	WIA	VK4TJ
14270,0	160	2016	8	20	0020		P0N							OTHR, LONG BURSTS	QG62an	WIA	VK4TJ
14280,0	160	2016	8	19	0610		P0N							OTHR, LONG BURSTS	QG62an	WIA	VK4TJ
14292,0		2016	8	18	0755		A1A							MIXED NUMBER/LETTER CIPHER	QG62an	WIA	VK4TJ
14293,0	3	2016	8	3	0845		J3E/U							CHINESE, FAMILY NET	QG62an	WIA	VK4TJ
14295,0	8	2016	8	17	0355		A3E					TJK		3RD HARMONIC, RADIO TADJIKISTAN	QG62an	WIA	VK4TJ
14296,0	1	2016	8	18	0800		F1B							SELCALL TONES	QG62an	WIA	VK4TJ
14299,4	3	2016	8	14	0840		J3E/U							ASIAN FAMILY NET	QG62an	WIA	VK4TJ
14303,0	5	2016	8	1	0720		G7D							DOZENS OF SUBCARRIERS ON CLOSE-SPACED INTERVALS	QG62an	WIA	VK4TJ
14303,3	3	2016	8	3	0830		J3E/L							ASIAN	QG62an	WIA	VK4TJ
14305,0	3	2016	8	3	0830		J3E/U							ASIAN, SOUNDS CHINESE	QG62an	WIA	VK4TJ
14305,4	3	2016	8	8	0840		J3E/U							ASIAN, SOUNDS CHINESE	QG62an	WIA	VK4TJ
14320,0	160	2016	8	18	0800		P0N							OTHR SLOW PULSE RATE	QG62an	WIA	VK4TJ
14325,0	5	2016	8	9	0805		G1D							BROAD PSK, BURSTS	QG62an	WIA	VK4TJ
14326,0	3	2016	8	7	2330		J3E/L							ASIAN	QG62an	WIA	VK4TJ
14330,0	160	2016	8	14	0055		P0N							OTHR, BURSTS	QG62an	WIA	VK4TJ
14335,0	15	2016	8	10	0910		P0N							OTHR, BURSTS	QG62an	WIA	VK4TJ

14340,0	5	2016	8	1	0720		G7D						DOZENS OF SUBCARRIERS ON CLOSE-SPACED INTERVALS	QG62an	WIA	VK4TJ
14345,0	3	2016	8	26	2125		J3E/L						CHINESE	QG62an	WIA	VK4TJ
14349,5	3	2016	8	30	0845		J3E/U						CHINESE	QG62an	WIA	VK4TJ
14350,0		2016	8	15	0835		A1A						MIXED NUMBER/LETTER CIPHER	QG62an	WIA	VK4TJ
18065,0	20	2016	8	13	0300		P0N						OTHR, LONG BURSTS	QG62an	WIA	VK4TJ
18070,0	20	2016	8	16	0910		P0N						OTHR, LONG BURSTS	QG62an	WIA	VK4TJ
18078,0	13	2016	8	14	0735		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
18088,0	3	2016	8	3	0850		J3E/L						ASIAN FISHBOATS	QG62an	WIA	VK4TJ
18100,0	1	2016	8	13	0235		F1B						SELCALL TONES	QG62an	WIA	VK4TJ
18128,0	5	2016	8	20	0405		G7D						DOZENS OF SUBCARRIERS ON CLOSE-SPACED INTERVALS	QG62an	WIA	VK4TJ
18131,0	1	2016	8	2	0220		F1B						PLUS G7D BURSTS	QG62an	WIA	VK4TJ
18141,0	5	2016	8	3	0855		G1D						BROAD PSK	QG62an	WIA	VK4TJ
18150,0	10	2016	8	1	0725		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
18152,0		2016	8	17	0915		A1A						NUMBER CIPHER	QG62an	WIA	VK4TJ
18164,0	5	2016	8	3	0855		G1D						BROAD PSK	QG62an	WIA	VK4TJ
18180,0	160	2016	8	3	0850		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
18230,0	160	2016	8	2	0015		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
20999,7	3	2016	8	5	2315		J3E/U						ASIAN	QG62an	WIA	VK4TJ
21000,0		2016	8	31	0745		N0N							QG62an	WIA	VK4TJ
21001,5	3	2016	8	27	0135		J3E/U						ASIAN	QG62an	WIA	VK4TJ
21015,2	3	2016	8	7	0115		J3E/U						ASIAN	QG62an	WIA	VK4TJ
21097,0	1	2016	8	7	0525		F1B						SELCALL TONES	QG62an	WIA	VK4TJ
21100,0	20	2016	8	12	0355		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21100,0	160	2016	8	3	0330		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21110,0	3	2016	8	12	0335		J3E/U						ASIAN	QG62an	WIA	VK4TJ
21111,3	3	2016	8	25	0635		J3E/U						ASIAN, SOUNDS CHINESE	QG62an	WIA	VK4TJ
21150,0	160	2016	8	3	0415		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21156,0	3	2016	8	25	0320		J3E/L						ASIAN FISHBOATS	QG62an	WIA	VK4TJ
21180,0	20	2016	8	13	0210		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21200,0	20	2016	8	27	0610		VXX						CODAR-LIKE SWEEPS	QG62an	WIA	VK4TJ
21210,0	20	2016	8	11	0605		VXX						CODAR-LIKE SWEEPS	QG62an	WIA	VK4TJ
21215,0	20	2016	8	19	0345		VXX						CODAR-LIKE SWEEPS	QG62an	WIA	VK4TJ
21245,0	20	2016	8	10	0800		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21245,0	20	2016	8	3	0140		VXX						CODAR-LIKE SWEEPS	QG62an	WIA	VK4TJ
21270,0	30	2016	8	24	0355		P0N						OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
21270,0	10	2016	8	12	0410		P0N						OTHR, BURSTS, NO BEEP TONE	QG62an	WIA	VK4TJ
21273,3	3	2016	8	25	0325		J3E/L						ASIAN FISHBOATS	QG62an	WIA	VK4TJ
21275,0	20	2016	8	29	0235		P0N						OTHR, BURSTS, NO BEEP TONE	QG62an	WIA	VK4TJ
21280,0	20	2016	8	10	0805		P0N						OTHR, BURSTS, NO BEEP TONE	QG62an	WIA	VK4TJ
21290,0	20	2016	8	17	0900		P0N						OTHR, CONTINUOUS	QG62an	WIA	VK4TJ

21290,0	10	2016	8	11	0445		P0N						OTHR, BURSTS, NO BEEP TONE	QG62an	WIA	VK4TJ
21295,0	10	2016	8	7	0205		P0N						OTHR, BURSTS, NO BEEP TONE	QG62an	WIA	VK4TJ
21295,0	10	2016	8	3	0410		P0N						OTHR, BURSTS, WITH BEEP TONE	QG62an	WIA	VK4TJ
21300,0	20	2016	8	26	0555		P0N						OTHR, BURSTS, NO BEEP TONE	QG62an	WIA	VK4TJ
21303,3	3	2016	8	3	0155		J3E/U						CHINESE FISHBOATS – ENGINE NOISE	QG62an	WIA	VK4TJ
21317,0	1	2016	8	3	0030		F1B						DAILY, BURSTS	QG62an	WIA	VK4TJ
21341,4	3	2016	8	5	2320		J3E/L						ASIAN. NO CALLS, EVER.	QG62an	WIA	VK4TJ
21360,0	160	2016	8	3	0205		P0N						OTHR, SLOW PULSE RATE	QG62an	WIA	VK4TJ
21370,0	10	2016	8	1	0555		P0N						OTHR, BURSTS, NO BEEP TONE	QG62an	WIA	VK4TJ
21385,0	10	2016	8	1	0615		P0N						OTHR, BURSTS, NO BEEP TONE	QG62an	WIA	VK4TJ
21404,0	3	2016	8	9	0245		F1B	HIGH						QG62an	WIA	VK4TJ
21430,0	20	2016	8	31	0755		P0N						OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
21445,0	2	2016	8	3	0205		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
21450,0	160	2016	8	2	0305		P0N						OTHR, SLOW PULSE RATE	QG62an	WIA	VK4TJ
24912,5	8	2016	8	12	0415		F3E						ASIAN	QG62an	WIA	VK4TJ
24915,0	6	2016	8	24	0200		A3E						ASIAN	QG62an	WIA	VK4TJ
24925,0	8	2016	8	31	0100		F3E						ASIAN	QG62an	WIA	VK4TJ
24926,0	1	2016	8	31	0100		F1B						SELCALL TONES	QG62an	WIA	VK4TJ
24930,0	2	2016	8	16	0100		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
24935,0	6	2016	8	13	0040		A3E						ASIAN	QG62an	WIA	VK4TJ
24937,5	8	2016	8	31	2355		F3E						ASIAN	QG62an	WIA	VK4TJ
24955,0	6	2016	8	24	0150		A3E						ASIAN	QG62an	WIA	VK4TJ
24962,5	8	2016	8	9	0125		F3E						ASIAN	QG62an	WIA	VK4TJ
24975,0	8	2016	8	8	0230		F3E						ASIAN	QG62an	WIA	VK4TJ
28000,0	6	2016	8	8	0020		A3E						ASIAN	QG62an	WIA	VK4TJ
28005,0	6	2016	8	8	0020		A3E						ASIAN	QG62an	WIA	VK4TJ
28015,0	6	2016	8	12	0135		A3E						ASIAN	QG62an	WIA	VK4TJ
28025,0	6	2016	8	8	0020		A3E						ASIAN	QG62an	WIA	VK4TJ
28035,0	6	2016	8	8	0040		A3E						ASIAN	QG62an	WIA	VK4TJ
28037,5	8	2016	8	22	0320		F3E						ASIAN	QG62an	WIA	VK4TJ
28050,0	8	2016	8	6	0025		F3E						ASIAN	QG62an	WIA	VK4TJ
28055,0	6	2016	8	8	0020		A3E						ASIAN	QG62an	WIA	VK4TJ
28062,5	8	2016	8	11	0045		F3E						ASIAN	QG62an	WIA	VK4TJ
28065,0	6	2016	8	8	0020		A3E						ASIAN	QG62an	WIA	VK4TJ
28075,0	6	2016	8	8	0155		A3E						ASIAN	QG62an	WIA	VK4TJ
28085,0	6	2016	8	8	0020		A3E						ASIAN	QG62an	WIA	VK4TJ
28100,0	6	2016	8	11	0030		A3E						ASIAN	QG62an	WIA	VK4TJ
28105,0	6	2016	8	8	0040		A3E						ASIAN	QG62an	WIA	VK4TJ
28112,5	8	2016	8	8	0040		F3E						ASIAN	QG62an	WIA	VK4TJ
28115,0	6	2016	8	17	0110		A3E						ASIAN	QG62an	WIA	VK4TJ
28125,0	6	2016	8	8	0025		A3E						ASIAN	QG62an	WIA	VK4TJ
28135,0	6	2016	8	8	0040		A3E						ASIAN	QG62an	WIA	VK4TJ

28145,0	6	2016	8	8	0040		A3E						ASIAN	QG62an	WIA	VK4TJ
28150,0	8	2016	8	31	0000		F3E						ASIAN	QG62an	WIA	VK4TJ
28150,0	1	2016	8	17	0220		F1B						BURSTS, WAVERIDER	QG62an	WIA	VK4TJ
28155,0	6	2016	8	8	0040		A3E						ASIAN	QG62an	WIA	VK4TJ
28162,5	8	2016	8	8	0135		F3E						ASIAN	QG62an	WIA	VK4TJ
28165,0	6	2016	8	23	0120		A3E						ASIAN	QG62an	WIA	VK4TJ
28175,0	8	2016	8	8	0020		F3E						ASIAN	QG62an	WIA	VK4TJ
28185,0	6	2016	8	24	0105		A3E						ASIAN	QG62an	WIA	VK4TJ
28187,5	8	2016	8	31	0000		F3E						ASIAN	QG62an	WIA	VK4TJ
28195,0	6	2016	8	31	0000		A3E						ASIAN	QG62an	WIA	VK4TJ
28200,0	8	2016	8	6	0015		F3E						ASIAN	QG62an	WIA	VK4TJ
28205,0	6	2016	8	8	0040		A3E						ASIAN	QG62an	WIA	VK4TJ
28215,0	6	2016	8	8	0025		A3E						ASIAN	QG62an	WIA	VK4TJ
28225,0	8	2016	8	8	0045		F3E						ASIAN	QG62an	WIA	VK4TJ
28235,0	6	2016	8	8	0035		A3E						ASIAN	QG62an	WIA	VK4TJ
28245,0	6	2016	8	8	0020		A3E						ASIAN	QG62an	WIA	VK4TJ
28250,0	8	2016	8	8	0025		F3E						ASIAN	QG62an	WIA	VK4TJ
28255,0	6	2016	8	8	0025		A3E						ASIAN	QG62an	WIA	VK4TJ
28265,0	6	2016	8	8	0035		A3E						ASIAN	QG62an	WIA	VK4TJ
28275,0	8	2016	8	8	0025		F3E						ASIAN	QG62an	WIA	VK4TJ
28285,0	6	2016	8	8	0020		A3E						ASIAN	QG62an	WIA	VK4TJ
28287,5	8	2016	8	8	0045		F3E						ASIAN	QG62an	WIA	VK4TJ
28295,0	6	2016	8	8	0015		A3E						ASIAN	QG62an	WIA	VK4TJ
28300,0	8	2016	8	11	0110		F3E						ASIAN	QG62an	WIA	VK4TJ
28305,0	6	2016	8	8	0045		A3E						ASIAN	QG62an	WIA	VK4TJ
28315,0	6	2016	8	8	0035		A3E						ASIAN	QG62an	WIA	VK4TJ
28325,0	8	2016	8	8	0035		F3E						ASIAN	QG62an	WIA	VK4TJ
28330,0	2	2016	8	11	0050		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
28335,0	6	2016	8	8	0025		A3E						ASIAN	QG62an	WIA	VK4TJ
28350,0	8	2016	8	11	0050		F3E						ASIAN	QG62an	WIA	VK4TJ
28355,0	6	2016	8	8	0055		A3E						ASIAN	QG62an	WIA	VK4TJ
28365,0	6	2016	8	8	0025		A3E						ASIAN	QG62an	WIA	VK4TJ
28375,0	8	2016	8	6	0010		F3E						ASIAN	QG62an	WIA	VK4TJ
28385,0	6	2016	8	23	0055		A3E						ASIAN	QG62an	WIA	VK4TJ
28387,5	8	2016	8	23	0420		F3E						ASIAN	QG62an	WIA	VK4TJ
28400,0	8	2016	8	26	0220		F3E						ASIAN	QG62an	WIA	VK4TJ
28405,0	6	2016	8	8	0025		A3E						ASIAN	QG62an	WIA	VK4TJ
28412,5	8	2016	8	8	0025		F3E						ASIAN	QG62an	WIA	VK4TJ
28415,0	6	2016	8	8	0010		A3E						ASIAN	QG62an	WIA	VK4TJ
28425,0	8	2016	8	6	0010		F3E						ASIAN	QG62an	WIA	VK4TJ
28435,0	6	2016	8	8	0045		A3E						ASIAN	QG62an	WIA	VK4TJ
28455,0	6	2016	8	8	0055		A3E						ASIAN	QG62an	WIA	VK4TJ
28465,0	6	2016	8	8	0205		A3E						ASIAN	QG62an	WIA	VK4TJ
28485,0	6	2016	8	12	0145		A3E						ASIAN	QG62an	WIA	VK4TJ
28500,0	8	2016	8	31	0005		F3E						ASIAN	QG62an	WIA	VK4TJ
28505,0	6	2016	8	8	0045		A3E						ASIAN	QG62an	WIA	VK4TJ
28515,0	6	2016	8	8	0035		A3E						ASIAN	QG62an	WIA	VK4TJ
28525,0	8	2016	8	6	0010		F3E						ASIAN	QG62an	WIA	VK4TJ
28535,0	6	2016	8	8	0030		A3E						ASIAN	QG62an	WIA	VK4TJ
28555,0	6	2016	8	8	0125		A3E						ASIAN	QG62an	WIA	VK4TJ

28565,0	6	2016	8	8	0030		A3E						ASIAN	QG62an	WIA	VK4TJ
28575,0	8	2016	8	24	0115		F3E						ASIAN	QG62an	WIA	VK4TJ
28585,0	6	2016	8	8	0100		A3E						ASIAN	QG62an	WIA	VK4TJ
28595,0	6	2016	8	12	0230		A3E						ASIAN	QG62an	WIA	VK4TJ
28600,0	8	2016	8	31	2350		F3E						ASIAN	QG62an	WIA	VK4TJ
28605,0	6	2016	8	31	2355		A3E						ASIAN	QG62an	WIA	VK4TJ
28615,0	6	2016	8	11	0105		A3E						ASIAN	QG62an	WIA	VK4TJ
28625,0	8	2016	8	6	0010		F3E						ASIAN	QG62an	WIA	VK4TJ
28635,0	6	2016	8	12	0235		A3E						ASIAN	QG62an	WIA	VK4TJ
28645,0	6	2016	8	8	0100		A3E						ASIAN	QG62an	WIA	VK4TJ
28650,0	8	2016	8	8	0050		F3E						ASIAN	QG62an	WIA	VK4TJ
28655,0	6	2016	8	12	0145		A3E						ASIAN	QG62an	WIA	VK4TJ
28665,0	6	2016	8	12	0235		A3E						ASIAN	QG62an	WIA	VK4TJ
28675,0	8	2016	8	8	0100		F3E						ASIAN	QG62an	WIA	VK4TJ
28675,0	2	2016	8	8	0100		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
28685,0	6	2016	8	8	0050		A3E						ASIAN	QG62an	WIA	VK4TJ
28695,0	6	2016	8	6	0015		A3E						ASIAN	QG62an	WIA	VK4TJ
28705,0	6	2016	8	12	0235		A3E						ASIAN	QG62an	WIA	VK4TJ
28725,0	8	2016	8	24	0120		F3E						ASIAN	QG62an	WIA	VK4TJ
28735,0	6	2016	8	8	0050		A3E						ASIAN	QG62an	WIA	VK4TJ
28737,5	8	2016	8	8	0050		F3E						ASIAN	QG62an	WIA	VK4TJ
28745,0	6	2016	8	8	0100		A3E						ASIAN	QG62an	WIA	VK4TJ
28755,0	6	2016	8	8	0050		A3E						ASIAN	QG62an	WIA	VK4TJ
28765,0	6	2016	8	6	0015		A3E						ASIAN	QG62an	WIA	VK4TJ
28787,5	8	2016	8	31	2355		F3E						ASIAN	QG62an	WIA	VK4TJ
28825,0	8	2016	8	12	0150		F3E						ASIAN	QG62an	WIA	VK4TJ
28837,5	8	2016	8	8	0100		F3E						ASIAN	QG62an	WIA	VK4TJ
28865,0	6	2016	8	12	0150		A3E						ASIAN	QG62an	WIA	VK4TJ
28880,0	2	2016	8	8	0105		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
28912,5	8	2016	8	8	0030		F3E						ASIAN	QG62an	WIA	VK4TJ
28937,5	8	2016	8	8	0055		F3E						ASIAN	QG62an	WIA	VK4TJ
28950,0	8	2016	8	8	0120		F3E						ASIAN	QG62an	WIA	VK4TJ
28950,0	50	2016	8	12	0155		P0N				IRN		OTHR	QG62an	WIA	VK4TJ
28987,5	8	2016	8	8	0120		F3E						ASIAN	QG62an	WIA	VK4TJ
29250,0	8	2016	8	8	0105		F3E						ASIAN	QG62an	WIA	VK4TJ
29425,0	8	2016	8	8	0110		F3E						ASIAN	QG62an	WIA	VK4TJ
29525,0	8	2016	8	8	0110		F3E						ASIAN	QG62an	WIA	VK4TJ
29600,0	8	2016	8	8	0110		F3E						ASIAN	QG62an	WIA	VK4TJ

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