



INTERNATIONAL AMATEUR RADIO
UNION

REGION THREE

MONITORING SYSTEM NEWS LETTER



September 2016

Titon Dutono, YB3PET

Reports for September 2016 were received from the JARL and WIA.

This month there were 174 observations from JARL, and 488 observations from WIA. By this month sampling, there were total 662 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	PXX	UNID	OTHR
		PON	UNID	OTHR long bursts
3.	15m	VXX	UNID	CODAR-LIKE SWEEPS
		PON	UNID	OTHR bursts, no beep tone
4.	10m	A3E	UNID	Asian country
		F3E	UNID	Asian country

Note from WIA: Of note is Region 1 and is also being observed here in Australia reporting Radio Eritrea on 7175 kHz, but that frequency is covered up here by a rather broad G1D, almost certainly intended to jam Radio Eritrea. 7174 kHz is Primary Amateur.

New Zealand is reporting a Mackay based commercial fisherman on 14320 kHz USB. Further monitoring is in progress

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

JARL: 174 observations

kHz	BW	YYYY	MM	DD	UTC	Emm	Bd	Sft	Hdg	ADM	ID		Grid	Society
3531.0	0.5	2016	09	27	12:30	A1A						VVV TG7 TP8 TP7 DE 60LOST Z~ K	PM84XT	JARL
3533.0	3.0	2016	09	12	13:35	J3E/U						Language:Chinese,With no Call	PM84XT	JARL
3533.0	0.5	2016	09	20	12:05-12:29	A1A						Signal of rhythm	PM84XT	JARL
3537.0	10	2016	09	29	12:34	J3E/U						train of Language:Chinese	PM84XT	JARL
3542.0	0.5	2016	09	27	12:28	A1A						train of "HDNA"	PM84XT	JARL
7010.0	3.0	2016	09	13	13:15	J3E/L						Language:Indonesian,With no Call	PM84XT	JARL
7038	0.5	2016	09	04	1210	PXX			non	non	non	unkown pulse only PXX F1B ldl only ?	PM 97	JARL
7038	0.5	2016	09	05	1110	F1B			non	non	non	unkown ldl only	PM 97	JARL
7038	0.5	2016	09	05	1210	F1B			non	non	non	unkown ldl only	PM 97	JARL
7039	0.5	2016	09	01	1006	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	09	01	1108	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	09	01	1210	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	09	01	1620	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	09	01	1812	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	09	02	1210	PXX			non	non	non	unkown pulse only PXX	PM 97	JARL
7039	0.5	2016	09	02	1802	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	09	03	1810	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	09	04	1010	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	09	04	1214	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	09	05	1010	A1A			321	RUS	F--signal	Beacon	PM 97	JARL
7039	0.5	2016	09	05	1106	A1A			321	RUS	F--signal	Beacon	PM 97	JARL
7039	0.5	2016	09	05	1206	A1A			321	RUS	F--signal	Beacon	PM 97	JARL
7039	0.5	2016	09	06	1112	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	09	06	1206	A1A			321	RUS	F--signal	Beacon	PM 97	JARL
7039	0.5	2016	09	06	1208	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	09	07	1212	A1A			321	RUS	F--signal	Beacon	PM 97	JARL
7039	0.5	2016	09	07	1748	A1A			321	RUS	F--signal	Beacon	PM 97	JARL
7039	0.5	2016	09	08	1210	A1A			321	RUS	F--signal	Beacon	PM 97	JARL
7039	0.5	2016	09	11	1110	A1A			321	RUS	F--signal	Beacon	PM 97	JARL
7039	0.5	2016	09	11	1210	A1A			321	CHN	F--signal	Beacon	PM 97	JARL
7039	0.5	2016	09	11	1214	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	09	12	1216	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	09	13	1208	A1A			321	RUS	F--signal	Beacon	PM 97	JARL
7039	0.5	2016	09	13	1212	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	09	16	1210	A1A			321	RUS	F--signal	Beacon	PM 97	JARL
7039	0.5	2016	09	17	1804	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	09	18	1006	A1A			321	RUS	F--signal	Beacon	PM 97	JARL
7039	0.5	2016	09	18	1008	A1A			15	RUS	M--signal	Beacon	PM 97	JARL

7039	0.5	2016	09	18	1110	A1A			15	RUS	M--signal	Beacon		PM 97	JARL
7039	0.5	2016	09	18	1212	A1A			15	RUS	M--signal	Beacon		PM 97	JARL
7039	0.5	2016	09	19	1820	A1A			15	RUS	M--signal	Beacon		PM 97	JARL
7039	0.5	2016	09	20	1212	A1A			15	RUS	M--signal	Beacon		PM 97	JARL
7039	0.5	2016	09	20	1756	A1A			15	RUS	M--signal	Beacon		PM 97	JARL
7039	0.5	2016	09	21	1210	A1A			321	RUS	F--signal	Beacon		PM 97	JARL
7039	0.5	2016	09	21	1802	A1A			321	CHN	F--signal	Beacon		PM 97	JARL
7039	0.5	2016	09	22	1304	A1A			321	RUS	F--signal	Beacon		PM 97	JARL
7039	0.5	2016	09	22	1310	A1A			15	RUS	M--signal	Beacon		PM 97	JARL
7039	0.5	2016	09	26	1310	A1A			15	RUS	M--signal	Beacon		PM 97	JARL
7039	0.5	2016	09	27	1306	A1A			15	RUS	M--signal	Beacon		PM 97	JARL
7039	0.5	2016	09	27	1810	A1A			15	RUS	M--signal	Beacon		PM 97	JARL
7039	0.5	2016	09	28	1210	A1A			15	RUS	M--signal	Beacon		PM 97	JARL
7039	0.5	2016	09	28	1750	A1A			15	RUS	M--signal	Beacon		PM 97	JARL
7039	0.5	2016	09	29	1812	A1A			15	RUS	M--signal	Beacon		PM 97	JARL
7039.0	0.5	2016	09	13	13:10	A1A						train of "F"		PM84XT	JARL
7039.4	0.5	2016	09	20	12:30	A1A						train of "F"		PM84XT	JARL
7039.4	0.5	2016	09	20	12:30	A1A						train of "M"		PM84XT	JARL
7039.4	0.5	2016	09	27	12:13	A1A						train of "M"		PM84XT	JARL
7150.0	10	2016	09	29	12:37	PXX						Signal RS:59+20db		PM84XT	JARL
7200	5	2016	09	01	1000	A3E			non	CHN	non	Chainese talk and music	Time signal 2+1	PM 97	JARL
7200	4	2016	09	01	1000	A3E			non	CHN	non	Chainese talk and music	Time signsl 3+1 2 sec late	PM 97	JARL
7200	5	2016	09	01	1100	A3E			non	CHN	non	Chainese talk and music	Time signal 5+1	PM 97	JARL
7200	4	2016	09	01	1100	A3E			non	CHN	non	Chainese talk and music	Time signal 5+1 2 sec late	PM 97	JARL
7200	5	2016	09	01	1200	A3E			non	CHN	non	Chainese talk and music	Time signal 5+1	PM 97	JARL
7200	4	2016	09	01	1200	A3E			non	CHN	non	Chainese talk and music	Time signal 5+1 2 sec late	PM 97	JARL
7200	5	2016	09	02	1200	A3E			non	CHN	non	Chainese talk and music	Time signal 5+1	PM 97	JARL
7200	4	2016	09	02	1200	A3E			non	CHN	non	Chainese talk abd music	Time signal 5+1 2 sec late	PM 97	JARL
7200	5	2016	09	03	1200	A3E			non	CHN	non	Chainese talk and music	Time siganl 5+1	PM 97	JARL
7200	4	2016	09	03	1200	A3E			non	CHN	non	Chainese talk and music	Time signal 3+1	PM 97	JARL
7200	5	2016	09	04	1000	A3E			non	CHN	non	Chainese talk and music	Time signal 3+1	PM 97	JARL
7200	4	2016	09	04	1000	A3E			non	CHN	non	Chainese talk and music	no Time signal	PM 97	JARL
7200	5	2016	09	04	1100	A3E			non	CHN	M--signal	Chainese talk and music	Time signal 5+1	PM 97	JARL
7200	4	2016	09	04	1100	A3E			non	CHN	M--signal	Chainese talk and music	Time signal 5+1 2 sec late	PM 97	JARL
7200	5	2016	09	04	1200	A3E			non	CHN	non	Chainese talk and music	Time signal 5+1	PM 97	JARL
7200	4	2016	09	04	1200	A3E			non	CHN	non	Chainese talk and music	Time signal 5+1 2 sec late	PM 97	JARL
7200	5	2016	09	05	1000	A3E			non	CHN	non	Chainese talk and music	Time signal 0+1	PM 97	JARL
7200	4	2016	09	05	1000	A3E			non	CHN	non	Chainese talk and music	Time signal 2+1 2 sec late	PM 97	JARL
7200	5	2016	09	05	1100	A3E			non	CHN	non	Chainese talk and music	Time signal 5+1	PM 97	JARL
7200	4	2016	09	05	1100	A3E			non	CHN	non	Chainese talk and music	Time signal 5+1 2 sec late	PM 97	JARL
7200	5	2016	09	05	1200	A3E			non	CHN	non	Chainese talk and music	Time signal 5+1	PM 97	JARL
7200	4	2016	09	05	1200	A3E			non	RUS	non	Chainese talk and music	Time signal 5+1 2 sec late	PM 97	JARL
7200	5	2016	09	06	1100	A3E			non	CHN	non	Chainese talk and music	Time signal 5+1	PM 97	JARL
7200	4	2016	09	06	1100	A3E			non	CHN	non	Chainese talk and music	Time signal 5+1 2 sec late	PM 97	JARL

7200	5	2016	09	06	1200	A3E			non	CHN	non	Chainese talk and music	Time signal 3+1	PM 97	JARL
7200	4	2016	09	06	1200	A3E			non	CHN	non	Chainese talk and music	no time signal	PM 97	JARL
7200	5	2016	09	07	1200	A3E			non	CHN	non	Chainese talk and music	Time signal 5+1	PM 97	JARL
7200	4	2016	09	07	1200	A3E			non	CHN	non	Chainese talk and music	Time signal 5+1 2 sec late	PM 97	JARL
7200	5	2016	09	08	1200	A3E			non	CHN	non	Chainese talk and music	Time signal 5+1	PM 97	JARL
7200	4	2016	09	08	1200	A3E			non	CHN	non	Chainese talk and music	Time signal 5+1 2 sec late	PM 97	JARL
7200	5	2016	09	09	1200	A3E			non	CHN	non	Chainese talk and music	Time signal 5+1	PM 97	JARL
7200	4	2016	09	09	1200	A3E			non	CHN	non	Chainese talk and music	Time signal 5+1 2 sec late	PM 97	JARL
7200	0.5	2016	09	09	1210	A1A			321	RUS	F--signal	Beacon		PM 97	JARL
7200	5	2016	09	10	1200	A3E			non	CHN	non	Chainese talk and music	Time signal 5+1	PM 97	JARL
7200	4	2016	09	10	1200	A3E			non	CHN	non	Chainese talk and music	Time signal 5+1 2 sec late	PM 97	JARL
7200	5	2016	09	11	1000	A3E			non	CHN	non	Chainese talka nd music	Time signal 0+1	PM 97	JARL
7200	4	2016	09	11	1000	A3E			non	CHN	non	Chainese talk and music	Time signal 2+1 2 sec late	PM 97	JARL
7200	5	2016	09	11	1100	A3E			non	CHN	non	Chainese talk and music	Time signal 5+1	PM 97	JARL
7200	4	2016	09	11	1100	A3E			non	CHN	non	Chainese talk and music	Time signal 5+1 2 sec late	PM 97	JARL
7200	5	2016	09	11	1200	A3E			non	CHN	non	Chainese talk and music	Time signal 5+1	PM 97	JARL
7200	4	2016	09	11	1200	A3E			non	CHN	non	Chainese talk and music	Time signal 5+1 2 sec late	PM 97	JARL
7200	5	2016	09	12	1200	A3E			non	CHN	non	Chainese talk and music	Time signal 5+1	PM 97	JARL
7200	4	2016	09	12	1200	A3E			non	CHN	non	Chainese talk and music	Time signal 5+1 2 sec late	PM 97	JARL
7200	5	2016	09	13	1200	A3E			non	CHN	non	Chainese talk and music	Time signal 5+1	PM 97	JARL
7200	4	2016	09	13	1200	A3E			non	CHN	non	Chainese talk and music	Time signal 5+1 2 sec late	PM 97	JARL
7200	5	2016	09	14	1200	A3E			non	CHN	non	Chainese talk and music	Time signal 5+1	PM 97	JARL
7200	4	2016	09	14	1200	A3E			non	CHN	non	Chainese talk and music	Time signal 5+1 15 sec late ?	PM 97	JARL
7200	5	2016	09	15	1100	A3E			non	CHN	non	Chainese talk and music	Time signal 5+1	PM 97	JARL
7200	4	2016	09	15	1100	A3E			non	CHN	non	Chainese talk and music	Time signal 5+1 2 sec late	PM 97	JARL
7200	5	2016	09	15	1200	A3E			non	CHN	non	Chainese talk and music	Time signal 5+1	PM 97	JARL
7200	4	2016	09	15	1200	A3E			non	CHN	non	Chainese talk and music	Time signal 5+1 2 sec late	PM 97	JARL
7200	5	2016	09	16	1200	A3E			non	CHN	non	Chainese talk and music	Time signal 5+1	PM 97	JARL
7200	4	2016	09	16	1200	A3E			non	CHN	non	Chainese talk and music	Time signal 5+1 2 sec late	PM 97	JARL
7200	5	2016	09	17	1200	A3E			non	CHN	non	Chainese talk and music	Time signal 5+1	PM 97	JARL
7200	4	2016	09	17	1200	A3E			non	CHN	non	Chainese talk and music	Time signal 5+1 2 sec late	PM 97	JARL
7200	5	2016	09	18	1000	A3E			non	CHN	non	Chainese talk and music	Time signal 5+1	PM 97	JARL
7200	4	2016	09	18	1000	A3E			non	CHN	non	Chainese talk and music	Time signal 5+1 2 sec late	PM 97	JARL
7200	5	2016	09	18	1100	A3E			non	CHN	non	Chainese talk and music	Time signal 5+1	PM 97	JARL
7200	4	2016	09	18	1100	A3E			non	CHN	non	Chainese talk and music	Time signal 5+1 2 sec late	PM 97	JARL
7200	5	2016	09	18	1200	A3E			non	CHN	non	Chainese talk and music	Time signal 5+1	PM 97	JARL
7200	4	2016	09	18	1200	A3E			non	CHN	non	Chainese talk and music	Time signal 5+1 2 sec late	PM 97	JARL
7200	5	2016	09	19	1200	A3E			non	CHN	non	Chainese talk and music	Time signal 5+1	PM 97	JARL
7200	4	2016	09	19	1200	A3E			non	CHN	non	Chainese talk and music	Time signal 5+1 2 sec late	PM 97	JARL
7200	5	2016	09	20	1200	A3E			non	CHN	non	Chainese talk and music	Time signal 5+1	PM 97	JARL
7200	4	2016	09	20	1200	A3E			non	CHN	non	Chainese talk and music	Time signal 5+1 2 sec late	PM 97	JARL
7200	5	2016	09	21	1200	A3E			non	CHN	non	Chainese talk and music	Time signal 5+1	PM 97	JARL
7200	4	2016	09	21	1200	A3E			non	CHN	non	Chainese talk and music	Time signal 5+1 2 sec lste	PM 97	JARL
7200	5	2016	09	21	1300	A3E			non	CHN	non	Chainese talka nd music	Time signal 4+0 after QRT	PM 97	JARL

[illegible]

7200	5	2016	09	30	1200	A3E			non	CHN	non	Chainese talk and music	no time signal	after QRT	PM 97	JARL
7200	4	2016	09	30	1200	A3E			non	non	non	unkown talk and music	no time signal		PM 97	JARL
7200	4	2016	09	30	1300	A3E			non	non	non	unkown talk and music	no time signal		PM 97	JARL
7200	3	2016	09	30	1400	A3E			non	non	non	unkown talk and music	no time signal		PM 97	JARL

WIA: 488 observation

Freq kHz	BW	YYYY	MM	DD	GMT	UTC	Emm	Bd	Sft	Hdg	ADM	ID	Description	Grid	Society	Notes
3505.0	1	2016	9	24	2025		F1B						SELCALL TONES	QG62an	WIA	VK4TJ
3505.0	3	2016	9	13	1015		J3E/U						ASIAN	QG62an	WIA	VK4TJ
3524.0	1	2016	9	2	1850		F1B						CONTINUOUS	QG62an	WIA	VK4TJ
3525.0	60	2016	9	22	1920		P0N						OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
3527.0	5	2016	9	26	1945		G7D						DOZENS OF SUBCARRIERS ON CLOSE-SPACED INTERVALS	QG62an	WIA	VK4TJ
3532.5		2016	9	26	1945		A1A					V	PLACE SAVER LIKE 14201.5	QG62an	WIA	VK4TJ
3533.5	3	2016	9	13	1020		J3E/U						ASIAN	QG62an	WIA	VK4TJ
3537.5	3	2016	9	16	1935		J3E/U						ROBOT CHINESE VOICE READING LIST	QG62an	WIA	VK4TJ
3540.0	60	2016	9	4	1850		P0N						OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
3541.6		2016	9	18	1910		A1A						MIXED NUMBER/LETTER CIPHER	QG62an	WIA	VK4TJ
3547.5		2016	9	2	1905		A1A						MIXED NUMBER/LETTER CIPHER	QG62an	WIA	VK4TJ
3548.0	1	2016	9	4	1855		F1B						IDLING	QG62an	WIA	VK4TJ
3550.0	50	2016	9	21	1935		P0N						OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
3551.0	5	2016	9	20	1925		G1D						BROAD PSK + TONE	QG62an	WIA	VK4TJ
3552.0	1	2016	9	22	1915		F1B						CONTINUOUS	QG62an	WIA	VK4TJ
3565.8	3	2016	9	16	1935		J3E/U						ASIAN	QG62an	WIA	VK4TJ
3568.0	3	2016	9	2	1905		J3E/U						DAILY, CHINESE	QG62an	WIA	VK4TJ
3574.0	3	2016	9	2	1855		J1C						FAX	QG62an	WIA	VK4TJ
3585.0	3	2016	9	1	0905		J1C				KOR	HLL2	FAX	QG62an	WIA	VK4TJ
3591.0	3	2016	9	20	1925		G7D						BURSTS, WITH DITS	QG62an	WIA	VK4TJ
3591.0	1	2016	9	26	1950		F1B	FAST					NOT AMATEUR	QG62an	WIA	VK4TJ
3596.2		2016	9	18	1915		A1A						MIXED NUMBER/LETTER CIPHER	QG62an	WIA	VK4TJ
3597.0	3	2016	9	2	1855		J1C						FAX	QG62an	WIA	VK4TJ
3599.0	1	2016	9	2	1855		G7D						RHYTHMIC PULSES	QG62an	WIA	VK4TJ
3601.0	1	2016	9	4	1855		F1B						IDLING	QG62an	WIA	VK4TJ
3605.0		2016	9	29	2030		A1A					V	PLACE SAVER LIKE 14201.5	QG62an	WIA	VK4TJ
3607.0	3	2016	9	27	0930		J1C						DAILY, FAX	QG62an	WIA	VK4TJ

3617.0	3	2016	9	4	1910		G1D						BROAD PSK, BURSTS	QG62an	WIA	VK4TJ
3622.5	3	2016	9	1	0905		J1C				JPN	JMH	DAILY, FAX	QG62an	WIA	VK4TJ
3636.2	3	2016	9	18	0840		J3E/U						ASIAN	QG62an	WIA	VK4TJ
3642.0		2016	9	2	1855		A1A					3A7D	CALLING DKG6	QG62an	WIA	VK4TJ
3650.0	60	2016	9	16	1940		P0N						OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
3652.2	3	2016	9	18	0835		J3E/U						JAPANESE. NO CALLS, EVER	QG62an	WIA	VK4TJ
3658.0		2016	9	4	1855		A1A				RUS	V	BEACON	QG62an	WIA	VK4TJ
3670.5		2016	9	30	1435		A1A						VVV, CHIRPY	QG62an	WIA	VK4TJ
3681.0	1	2016	9	18	1915		F1B	HIGH					BURSTS	QG62an	WIA	VK4TJ
3690.0	60	2016	9	22	1920		P0N						OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
3691.3		2016	9	13	1030		A1A						MIXED NUMBER/LETTER CIPHER	QG62an	WIA	VK4TJ
3694.0	5	2016	9	22	1915		G7D						DOZENS OF SUBCARRIERS ON CLOSE-SPACED INTERVALS	QG62an	WIA	VK4TJ
3694.5		2016	9	16	1940		A1A						MIXED NUMBER/LETTER CIPHER	QG62an	WIA	VK4TJ
3695.0	3	2016	9	30	1435		J3E/U						ASIAN	QG62an	WIA	VK4TJ
3697.0		2016	9	2	1900		N0N							QG62an	WIA	VK4TJ
3700.0	60	2016	9	4	1915		P0N						OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
3750.0	60	2016	9	16	1945		P0N						OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
3777.0		2016	9	2	1900		A1A					RIS9	MIXED NUMBER/LETTER CIPHER	QG62an	WIA	VK4TJ
3778.0	1	2016	9	2	1900		F1B						SELCALL TONES	QG62an	WIA	VK4TJ
3788.7	3	2016	9	24	0840		J3E/U						ASIAN. NO CALLS – EVER	QG62an	WIA	VK4TJ
3797.0		2016	9	2	1900		A1A						MIXED NUMBER/LETTER CIPHER	QG62an	WIA	VK4TJ
3800.0	60	2016	9	20	2000		P0N						OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
3800.0		2016	9	2	1900		A1A						MIXED NUMBER/LETTER CIPHER	QG62an	WIA	VK4TJ
6960.0	160	2016	9	25	2130		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
6980.0	100	2016	9	1	0900		P0N						OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
6998.0	5	2016	9	2	1905		H3E/U						“THE BUZZER”	QG62an	WIA	VK4TJ
7000.0	3	2016	9	1	0840		J3E/U				INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7000.0	3	2016	9	4	1935		J3E/U				PHL		TAGALOG SPEAKERS	QG62an	WIA	VK4TJ
7000.0	3	2016	9	28	1200		J3E/L				INS		VILLAGE RADIO	PF95GC	WIA	VK5EEE
7002.0	3	2016	9	3	0820		J3E/U						DAILY, ASIAN	QG62an	WIA	VK4TJ
7005.0	3	2016	9	1	0945		J3E/L				INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7005.0	3	2016	9	2	0945		J3E/U				INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7005.0	3	2016	9	23	0730		J3E/U						ASIAN MUSIC, SINGING	QG62an	WIA	VK4TJ
7008.0	1	2016	9	7	2105		F1B						SIGNED OFF 2107	QG62an	WIA	VK4TJ
7009.0	3	2016	9	18	0830		J3E/U						CHINESE	QG62an	WIA	VK4TJ
7010.0	3	2016	9	1	0950		J3E/L				INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7010.0	3	2016	9	1	0900		J3E/U				INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7010.0	3	2016	9	28	1200		J3E/L				INS		VILLAGE RADIO	PF95GC	WIA	VK5EEE
7012.0	1	2016	9	22	1940		F1B						SELCALL TONES	QG62an	WIA	VK4TJ

7014.0	3	2016	9	2	1910		J3E/L						CHINESE, CALLING SHIP	QG62an	WIA	VK4TJ
7014.0	3	2016	9	1	0840		J3E/U						SPANISH SPEAKERS	QG62an	WIA	VK4TJ
7015.0	3	2016	9	1	0950		J3E/L				INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7015.0	3	2016	9	1	0950		J3E/U				INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7016.0	1	2016	9	21	2115		F1B	HIGH					DAILY, CONTINUOUS	QG62an	WIA	VK4TJ
7017.0	5	2016	9	29	0825		G7D						BURSTS, STARTS WITH TONE	QG62an	WIA	VK4TJ
7020.0	1	2016	9	23	2015		F1B	HIGH					CONTINUOUS	QG62an	WIA	VK4TJ
7020.0	3	2016	9	1	0840		J3E/L				INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7020.0	3	2016	9	2	0950		J3E/U				INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7020.0	3	2016	9	28	1200		J3E/L				INS		VILLAGE RADIO	PF95GC	WIA	VK5EEE
7021.0	5	2016	9	1	0955		G1D						BROAD PSK	QG62an	WIA	VK4TJ
7023.0	1	2016	9	5	1000		F1B						SELCALL TONES	QG62an	WIA	VK4TJ
7025.0	20	2016	9	20	2005		P0N						CONTINUOUS	QG62an	WIA	VK4TJ
7025.0	3	2016	9	1	0900		J3E/L				INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7025.0	3	2016	9	3	0830		J3E/U				INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7027.0	3	2016	9	3	2105		J3E/U						ASIAN	QG62an	WIA	VK4TJ
7029.0	5	2016	9	5	0835		G7D						DOZENS OF SUBCARRIERS ON CLOSE-SPACED INTERVALS	QG62an	WIA	VK4TJ
7030.0	10	2016	9	1	2115		P0N						BURSTS	QG62an	WIA	VK4TJ
7030.0	3	2016	9	1	0900		J3E/L				INS		BAHASA MUSIC	QG62an	WIA	VK4TJ
7030.0	3	2016	9	1	0900		J3E/L				INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7030.0	3	2016	9	1	0840		J3E/U				INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7030.0	3	2016	9	28	1200		J3E/L				INS		VILLAGE RADIO	PF95GC	WIA	VK5EEE
7035.0	3	2016	9	1	0840		J3E/L				INS		DAILY, VILLAGE RADIO, CHANTING	QG62an	WIA	VK4TJ
7035.0	3	2016	9	12	1005		J3E/U				INS		DAILY, VILLAGE RADIO, CHANTING	QG62an	WIA	VK4TJ
7035.5	3	2016	9	1	1015		J3E/U				INS		ASIAN	QG62an	WIA	VK4TJ
7036.0	1	2016	9	2	1910		F1B		250				IDLING	QG62an	WIA	VK4TJ
7039.3	1	2016	9	1	0900		A2A				RUS	F	DAILY, BEACON, MODULATION IS HUM	QG62an	WIA	VK4TJ
7039.4	1	2016	9	1	0845		A2A				RUS	M	DAILY, BEACON, MODULATION IS HUM	QG62an	WIA	VK4TJ
7040.0	40	2016	9	1	1950		VXX						CODAR	QG62an	WIA	VK4TJ
7050.0		2016	9	29	0905		A1A						LETTER CIPHER	QG62an	WIA	VK4TJ
7050.0	2	2016	9	29	0820		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
7050.0	3	2016	9	4	1900		J3E/L						RUSSIAN TV SOUND CARRIER	QG62an	WIA	VK4TJ
7050.0	3	2016	9	11	2115		J3E/U						ASIAN FAMILY NET	QG62an	WIA	VK4TJ
7050.7	3	2016	9	1	0845		J3E/U						ASIAN, SOUNDS CHINESE	QG62an	WIA	VK4TJ
7051.0	1	2016	9	13	2050		F1B						SELCALL TONES	QG62an	WIA	VK4TJ
7052.0	1	2016	9	16	1920		F1B		250					QG62an	WIA	VK4TJ
7055.0	3	2016	9	1	1950		J3E/L						RUSSIAN POLITICAL SPEECH	QG62an	WIA	VK4TJ

7056.0	5	2016	9	21	1940		G7D						DOZENS OF SUBCARRIERS ON CLOSE-SPACED INTERVALS	QG62an	WIA	VK4TJ
7060.0	30	2016	9	22	1940		VXX						DAILY, CODAR	QG62an	WIA	VK4TJ
7064.8	3	2016	9	3	2105		J3E/U						ASIAN	QG62an	WIA	VK4TJ
7070.0	3	2016	9	1	1025		J3E/U						ASIAN	QG62an	WIA	VK4TJ
7080.0	3	2016	9	23	0505		J3E/U						DAILY, ASIAN	QG62an	WIA	VK4TJ
7080.0		2016	9	13	0955		A1A						MIXED NUMBER/LETTER CIPHER	QG62an	WIA	VK4TJ
7084.0	3	2016	9	23	2015		G1D						BROAD PSK	QG62an	WIA	VK4TJ
7085.0	2	2016	9	18	2150		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
7091.3	1	2016	9	3	2105		A2A				RUS	V	BEACON	QG62an	WIA	VK4TJ
7092.0	5	2016	9	12	2105		G7D						BURSTS	QG62an	WIA	VK4TJ
7096.0	3	2016	9	8	0910		J3E/U						ASIAN, READING LIST TWICE	QG62an	WIA	VK4TJ
7099.0	3	2016	9	23	0730		G1D						BROAD PSK, BURSTS	QG62an	WIA	VK4TJ
7100.0		2016	9	29	0830		A1A						NUMBER CIPHER	QG62an	WIA	VK4TJ
7100.0	40	2016	9	4	1935		VXX						CODAR	QG62an	WIA	VK4TJ
7102.0	1	2016	9	5	0815		F1B		250				DAILY, BURSTS	QG62an	WIA	VK4TJ
7104.0	1	2016	9	6	0425		F1B						DAILY, SELCALL TONES	QG62an	WIA	VK4TJ
7105.0	1	2016	9	2	1915		F1B		250				DAILY, BURSTS	QG62an	WIA	VK4TJ
7108.0		2016	9	25	1025		A1A						MIXED NUMBER/LETTER CIPHER	QG62an	WIA	VK4TJ
7108.0	5	2016	9	1	0855		G7D						DOZENS OF SUBCARRIERS ON CLOSE-SPACED INTERVALS	QG62an	WIA	VK4TJ
7110.0	3	2016	9	22	1925		F1B	HIGH					BURSTS	QG62an	WIA	VK4TJ
7111.0	3	2016	9	2	1915		J3E/U						CHINESE	QG62an	WIA	VK4TJ
7111.0	1	2016	9	20	1955		F1B		250				DAILY, BURSTS	QG62an	WIA	VK4TJ
7114.0	1	2016	9	2	1010		F1B		250				DAILY, BURSTS	QG62an	WIA	VK4TJ
7115.0	3	2016	9	22	0835		J3E/L						ASIAN MUSIC	QG62an	WIA	VK4TJ
7117.0	1	2016	9	7	2050		F1B	100	1000		RUS	REA4	CONTINUOUS, IDLING	QG62an	WIA	VK4TJ
7120.0	3	2016	9	29	0910		J3E/L				INS		BAHASA MUSIC	QG62an	WIA	VK4TJ
7120.0	8	2016	9	2	1850		A3E				SOM		RADIO HARGEISA	QG62an	WIA	VK4TJ
7122.0	5	2016	9	29	0940		G1D						BROAD PSK	QG62an	WIA	VK4TJ
7122.3	3	2016	9	1	1025		J3E/U						ASIAN, SOUNDS CHINESE	QG62an	WIA	VK4TJ
7129.0	3	2016	9	23	0700		J3E/U						ASIAN, SOUNDS CHINESE	QG62an	WIA	VK4TJ
7134.0	1	2016	9	8	2040		F1B						DAILY, BURSTS	QG62an	WIA	VK4TJ
7137.0	1	2016	9	20	1955		F1A						FOLLOWED BY NON	QG62an	WIA	VK4TJ
7144.0	1	2016	9	8	2040		F1B						DAILY, BURSTS	QG62an	WIA	VK4TJ
7144.0	3	2016	9	12	1010		G7D						BURSTS	QG62an	WIA	VK4TJ
7146.5	8	2016	9	30	1435		A3E						RADIO ERITREA	QG62an	WIA	VK4TJ
7150.0	3	2016	9	29	2035		J3E/U						ASIAN	QG62an	WIA	VK4TJ
7150.0	10	2016	9	29	2035		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
7150.0	5	2016	9	2	1915		G7D						DOZENS OF SUBCARRIERS ON CLOSE-SPACED INTERVALS	QG62an	WIA	VK4TJ

7151.0	3	2016	9	24	0835		J3E/U						CHINESE. NO CALLS – EVER	QG62an	WIA	VK4TJ
7153.0	3	2016	9	12	1015		G7D						BURSTS	QG62an	WIA	VK4TJ
7155.0	5	2016	9	20	0845		G7D						DOZENS OF SUBCARRIERS ON CLOSE-SPACED INTERVALS	QG62an	WIA	VK4TJ
7155.0	20	2016	9	3	2110		P0N						OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
7160.0	30	2016	9	1	0855		VXX						DAILY, CODAR	QG62an	WIA	VK4TJ
7164.0	1	2016	9	27	0855		F1B						SELCALL TONES	QG62an	WIA	VK4TJ
7164.0	1	2016	9	15	2040		F1B						SELCALL TONES	QG62an	WIA	VK4TJ
7165.5	3	2016	9	2	1025		J3E/U						ASIAN	QG62an	WIA	VK4TJ
7166.0	3	2016	9	16	1930		J3E/U						ASIAN	QG62an	WIA	VK4TJ
7170.0	20	2016	9	27	2120		P0N						OTHR, BURSTS, NO BEEP TONE	QG62an	WIA	VK4TJ
7170.0	3	2016	9	1	0855		J3E/U						ASIAN, SOUNDS CHINESE	QG62an	WIA	VK4TJ
7172.4	3	2016	9	16	1930		J3E/U						ASIAN	QG62an	WIA	VK4TJ
7173.0	5	2016	9	8	2040		G1D						BROAD PSK	QG62an	WIA	VK4TJ
7175.0	10	2016	9	30	1435		G1D						JAMMING SIGNAL OVER RADIO ERITREA	QG62an	WIA	VK4TJ
7175.0	20	2016	9	15	2055		P0N						OTHR, BURSTS, NO BEEP TONE	QG62an	WIA	VK4TJ
7177.5	3	2016	9	1	0845		J3E/U						ASIAN	QG62an	WIA	VK4TJ
7180.0	20	2016	9	25	1950		P0N						OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
7181.0	3	2016	9	2	1015		J3E/U						DAILY, ASIAN	QG62an	WIA	VK4TJ
7183.9	3	2016	9	7	2110		J3E/U						ASIAN	QG62an	WIA	VK4TJ
7185.0	5	2016	9	8	0910		G1D						BROAD PSK	QG62an	WIA	VK4TJ
7186.0	1	2016	9	13	1000		F1B	HIGH					BURSTS	QG62an	WIA	VK4TJ
7193.3	3	2016	9	8	0915		J3E/U						DAILY, ALL DAY, ASIAN	QG62an	WIA	VK4TJ
7200.0	3	2016	9	23	0710		J3E/L						ASIAN FAMILY NET. NO CALLS – EVER	QG62an	WIA	VK4TJ
7200.0	10	2016	9	20	2005		P0N						OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
7200.0	8	2016	9	2	1010		A3E						DAILY, SW BROADCAST, (2 STATIONS) CHINESE LANGUAGE	QG62an	WIA	VK4TJ
7269.3		2016	9	1	0850		A1A						CONTINUOUS DITS – JAMMING SIGNAL?	QG62an	WIA	VK4TJ
7273.4		2016	9	1	0850		A1A						CONTINUOUS DITS – JAMMING SIGNAL?	QG62an	WIA	VK4TJ
7276.6		2016	9	1	0850		A1A						CONTINUOUS DITS – JAMMING SIGNAL?	QG62an	WIA	VK4TJ
7279.6		2016	9	1	0850		A1A						CONTINUOUS DITS – JAMMING SIGNAL?	QG62an	WIA	VK4TJ
7281.5		2016	9	1	0850		A1A						CONTINUOUS DITS – JAMMING SIGNAL?	QG62an	WIA	VK4TJ
7284.7		2016	9	1	0850		A1A						CONTINUOUS DITS – JAMMING SIGNAL?	QG62an	WIA	VK4TJ

7287.5		2016	9	1	0850		A1A						CONTINUOUS DITS – JAMMING SIGNAL?	QG62an	WIA	VK4TJ
7290.8		2016	9	20	0850		A1A						CONTINUOUS DITS – JAMMING SIGNAL?	QG62an	WIA	VK4TJ
7292.4		2016	9	20	0850		A1A						CONTINUOUS DITS – JAMMING SIGNAL?	QG62an	WIA	VK4TJ
7295.7		2016	9	20	0845		A1A						CONTINUOUS DITS – JAMMING SIGNAL?	QG62an	WIA	VK4TJ
7298.9		2016	9	20	0845		A1A						CONTINUOUS DITS – JAMMING SIGNAL?	QG62an	WIA	VK4TJ
7300.0	10	2016	9	20	2010		P0N						OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
10100.0	8	2016	9	27	0905		A3E				NKR		RADIO PYONGYANG	QG62an	WIA	VK4TJ
10115.0	35	2016	9	7	2115		P0N						OTHR, CONTINUOUS, SLOW PULSE RATE	QG62an	WIA	VK4TJ
14000.0	10	2016	9	21	0535		P0N						OTHR, CONTINUOUS, SLOW PULSE RATE	QG62an	WIA	VK4TJ
14000.0	3	2016	9	1	2255		J3E/U						DAILY, ASIAN	QG62an	WIA	VK4TJ
14001.0	1	2016	9	14	0855		F1B						BURSTS	QG62an	WIA	VK4TJ
14005.0		2016	9	7	0910		A1A						LETTER CIPHER	QG62an	WIA	VK4TJ
14008.0	1	2016	9	8	0800		F1B		250				DAILY, CONTINUOUS	QG62an	WIA	VK4TJ
14008.5	3	2016	9	2	0805		J3E/L						ASIAN	QG62an	WIA	VK4TJ
14010.1	3	2016	9	22	0805		J3E/U						ASIAN	QG62an	WIA	VK4TJ
14010.7	3	2016	9	17	0805		J3E/U						ASIAN	QG62an	WIA	VK4TJ
14020.0	3	2016	9	1	0820		J3E/U						ASIAN, FOLLOWED BY G7D	QG62an	WIA	VK4TJ
14022.0	5	2016	9	1	0820		G7D						DOZENS OF SUBCARRIERS ON CLOSE-SPACED INTERVALS	QG62an	WIA	VK4TJ
14022.3	3	2016	9	12	0925		J3E/U						ASIAN	QG62an	WIA	VK4TJ
14035.0	1	2016	9	12	0930		F1B						SELCALL TONES	QG62an	WIA	VK4TJ
14037.8	3	2016	9	17	0855		J3E/U						ASIAN	QG62an	WIA	VK4TJ
14040.7	3	2016	9	1	0825		J3E/L						DAILY, ASIAN	QG62an	WIA	VK4TJ
14043.0	1	2016	9	22	0500		F1B						SELCALL TONES	QG62an	WIA	VK4TJ
14048.0	3	2016	9	1	2255		J3E/U				PHL		DAILY, TAGALOG SPEAKERS	QG62an	WIA	VK4TJ
14050.0	10	2016	9	17	0340		P0N						OTHR, BURSTS, NO BEEP TONE	QG62an	WIA	VK4TJ
14050.0	5	2016	9	16	0440		G7D						DOZENS OF SUBCARRIERS ON CLOSE-SPACED INTERVALS	QG62an	WIA	VK4TJ
14050.0	3	2016	9	6	2250		J3E/U						ENGLISH LANGUAGE TALK SHOW	QG62an	WIA	VK4TJ
14050.0	3	2016	9	1	0825		J3E/U						DAILY, ASIAN	QG62an	WIA	VK4TJ
14055.0	10	2016	9	22	0500		P0N						OTHR, BURSTS, NO BEEP TONE	QG62an	WIA	VK4TJ
14060.0	2	2016	9	1	0825		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
14064.5	3	2016	9	18	0755		J3E/L						CHINESE	QG62an	WIA	VK4TJ
14066.6	3	2016	9	1	2320		J3E/U						DAILY, ASIAN	QG62an	WIA	VK4TJ

14086.8	3	2016	9	1	0830		J3E/U						ASIAN	QG62an	WIA	VK4TJ
14104.0	3	2016	9	2	0500		J3E/L						ASIAN	QG62an	WIA	VK4TJ
14117.5	3	2016	9	1	0830		J3E/U						DAILY, ASIAN	QG62an	WIA	VK4TJ
14125.9	3	2016	9	1	0835		J3E/U						ASIAN, SOUNDS CHINESE	QG62an	WIA	VK4TJ
14127.0	1	2016	9	12	0900		F1B	HIGH					DAILY, BURSTS	QG62an	WIA	VK4TJ
14136.8	3	2016	9	1	0830		J3E/U						ASIAN	QG62an	WIA	VK4TJ
14140.0	160	2016	9	5	0645		P0N						OTHR, LONG BURSTS	QG62an	WIA	VK4TJ
14148.1	3	2016	9	12	0905		J3E/U						CHINESE. NO CALLS – EVER	QG62an	WIA	VK4TJ
14155.0	10	2016	9	30	0655		P0N						OTHR	QG62an	WIA	VK4TJ
14176.0	1	2016	9	8	0805		F1B						SELCALL TONES	QG62an	WIA	VK4TJ
14180.0	1	2016	9	2	0504		F1B						DAILY, CONTINUOUS	QG62an	WIA	VK4TJ
14181.9	3	2016	9	12	0915		J3E/U						CHINESE. NO CALLS – EVER	QG62an	WIA	VK4TJ
14188.0	5	2016	9	27	0915		G7D						DOZENS OF SUBCARRIERS ON CLOSE-SPACED INTERVALS	QG62an	WIA	VK4TJ
14201.5	5	2016	9	1	0200		G7D						DAILY	QG62an	WIA	VK4TJ
14201.5	3	2016	9	10	<2200-2230>		G7D					CHN	1 Sec Pulses and data bursts	QF22md	WIA	VK3MV
14201.5	3	2106	9	11	<0700-0900>		G7D					CHN	1 Sec Pulses and data bursts	QF22md	WIA	VK3MV
14203.0	3	2016	9	1	0920		J3E/U						ASIAN	QG62an	WIA	VK4TJ
14210.0	160	2016	9	5	0650		P0N						OTHR, LONG BURSTS	QG62an	WIA	VK4TJ
14221.0	1	2016	9	1	0150		F1B						DAILY, CONTINUOUS	QG62an	WIA	VK4TJ
14250.0	3	2016	9	1	0830		J3E/L						ASIAN, SOUNDS CHINESE	QG62an	WIA	VK4TJ
14265.0	10	2016	9	28	2340		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14269.0	1	2016	9	20	0835		F1B		250				CONTINUOUS	QG62an	WIA	VK4TJ
14270.0	10	2016	9	28	0820		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14285.0	10	2016	9	30	0630		P0N						OTHR	QG62an	WIA	VK4TJ
14300.0	10	2016	9	10	0400		P0N						OTHR	QG62an	WIA	VK4TJ
14305.4	3	2016	9	18	0805		J3E/U						ASIAN	QG62an	WIA	VK4TJ
14307.1	3	2016	9	8	0815		J3E/U						CHINESE, NO CALLS – EVER	QG62an	WIA	VK4TJ
14308.7	3	2016	9	12	0920		J3E/U						ASIAN FAMILY NET	QG62an	WIA	VK4TJ
14316.3	3	2016	9	12	0920		J3E/U						CHINESE, NO CALLS – EVER	QG62an	WIA	VK4TJ
14322.3	3	2016	9	1	0835		J3E/U						CHINESE	QG62an	WIA	VK4TJ
14324.0	3	2016	9	14	1010		J3E/U						ASIAN	QG62an	WIA	VK4TJ
14325.0	5	2016	9	14	1010		G7D						DOZENS OF SUBCARRIERS ON CLOSE-SPACED INTERVALS	QG62an	WIA	VK4TJ
14333.3	3	2016	9	12	0935		J3E/U						ASIAN	QG62an	WIA	VK4TJ
14339.0	1	2016	9	12	2345		F1B		850				CONTINUOUS	QG62an	WIA	VK4TJ
14340.0	5	2016	9	11	2200		G7D						DOZENS OF SUBCARRIERS ON CLOSE-SPACED INTERVALS	QG62an	WIA	VK4TJ
14345.0	3	2016	9	1	0815		J3E/L						CHINESE	QG62an	WIA	VK4TJ

14347.0	1	2016	9	28	0835		F1B						SELCALL TONES	QG62an	WIA	VK4TJ
14349.5	3	2016	9	1	0835		J3E/U						CHINESE	QG62an	WIA	VK4TJ
14352.0	3	2016	9	20	2010		J3E/L						ASIAN	QG62an	WIA	VK4TJ
18070.0	2	2016	9	5	0155		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
18095.0	10	2016	9	16	0710		P0N						OTHR, SLOW PULSE RATE	QG62an	WIA	VK4TJ
18133.1	3	2016	9	29	2325		J3E/U						ASIAN FISHBOATS, ENGINE NOISE	QG62an	WIA	VK4TJ
18139.0	3	2016	9	12	0820		J3E/L						ASIAN	QG62an	WIA	VK4TJ
20999.0	3	2016	9	7	0515		J3E/U						ASIAN	QG62an	WIA	VK4TJ
21000.0	9	2016	9	12	0715		J3E/L				INS		3RD HARMONIC OF YB INTRUDER	QG62an	WIA	VK4TJ
21000.0	3	2016	9	1	0220		J3E/U						ASIAN, FISHBOATS, ENGINE NOISE	QG62an	WIA	VK4TJ
21015.0	9	2016	9	3	2130		J3E/L				INS		3RD HARMONIC OF YB INTRUDER	QG62an	WIA	VK4TJ
21040.0	15	2016	9	29	0735		P0N						OTHR, BURSTS, NO BEEP TONE	QG62an	WIA	VK4TJ
21050.0	20	2016	9	29	0245		P0N						OTHR, BURSTS, NO BEEP TONE	QG62an	WIA	VK4TJ
21097.0	1	2016	9	2	0115		F1B						SELCALL TONES	QG62an	WIA	VK4TJ
21098.8	3	2016	9	2	0120		J3E/U						ASIAN	QG62an	WIA	VK4TJ
21113.0	1	2016	9	2	0520		F1B						IDLING	QG62an	WIA	VK4TJ
21113.3	3	2016	9	1	0555		J3E/U						ASIAN	QG62an	WIA	VK4TJ
21123.0	5	2016	9	6	0630		G7D						DOZENS OF SUBCARRIERS ON CLOSE-SPACED INTERVALS	QG62an	WIA	VK4TJ
21124.0	1	2016	9	10	0415		F1B						IDLING	QG62an	WIA	VK4TJ
21139.0	3	2016	9	8	0400		J3E/U						CHINESE, NO CALLS – EVER	QG62an	WIA	VK4TJ
21166.7	3	2016	9	7	0530		J3E/U						ASIAN, FISHBOATS, ENGINE NOISE	QG62an	WIA	VK4TJ
21200.0	20	2016	9	14	0305		VXX						CODAR-LIKE SWEEPS	QG62an	WIA	VK4TJ
21205.0	20	2016	9	1	0225		VXX						CODAR-LIKE SWEEPS	QG62an	WIA	VK4TJ
21215.0	20	2016	9	7	0550		VXX						CODAR-LIKE SWEEPS	QG62an	WIA	VK4TJ
21220.0	20	2016	9	22	2345		VXX						CODAR-LIKE SWEEPS	QG62an	WIA	VK4TJ
21235.0	20	2016	9	10	0415		VXX						CODAR-LIKE SWEEPS	QG62an	WIA	VK4TJ
21242.0	3	2016	9	7	0540		J3E/L						ASIAN FISHBOATS	QG62an	WIA	VK4TJ
21245.0	40	2016	9	7	0740		P0N						OTHR, LONG BURSTS	QG62an	WIA	VK4TJ
21285.0	10	2016	9	12	0810		P0N						OTHR, BURSTS, NO BEEP TONE	QG62an	WIA	VK4TJ
21289.0	3	2016	9	7	0555		J3E/U						CHINESE, NO CALLS – EVER	QG62an	WIA	VK4TJ
21290.0	10	2016	9	7	0555		P0N						OTHR, BURSTS, NO BEEP TONE	QG62an	WIA	VK4TJ
21295.0	10	2016	9	12	0725		P0N						OTHR, BURSTS, NO BEEP TONE	QG62an	WIA	VK4TJ
21300.0	20	2016	9	27	0730		P0N						OTHR, BURSTS, NO BEEP TONE	QG62an	WIA	VK4TJ

21317.0	1	2016	9	5	0200		F1B						DAILY, BURSTS	QG62an	WIA	VK4TJ
21385.0	10	2016	9	30	0230		P0N						OTHR, BURSTS, NO BEEP TONE	QG62an	WIA	VK4TJ
21395.0	10	2016	9	14	0310		P0N						OTHR, BURSTS, NO BEEP TONE	QG62an	WIA	VK4TJ
24912.5	8	2016	9	1	0615		F3E						ASIAN	QG62an	WIA	VK4TJ
24915.0	6	2016	9	1	0600		A3E						ASIAN	QG62an	WIA	VK4TJ
24925.0	8	2016	9	1	0010		F3E						ASIAN	QG62an	WIA	VK4TJ
24935.0	6	2016	9	1	0600		A3E						ASIAN	QG62an	WIA	VK4TJ
24937.5	8	2016	9	1	0115		F3E						ASIAN	QG62an	WIA	VK4TJ
24950.0	8	2016	9	20	0200		F3E						ASIAN	QG62an	WIA	VK4TJ
24965.0	6	2016	9	18	0500		A3E						ASIAN	QG62an	WIA	VK4TJ
24975.0	8	2016	9	1	0010		F3E						ASIAN	QG62an	WIA	VK4TJ
24987.5	8	2016	9	1	0600		F3E						ASIAN	QG62an	WIA	VK4TJ
28000.0	6	2016	9	1	0625		A3E						ASIAN	QG62an	WIA	VK4TJ
28005.0	6	2016	9	1	0630		A3E						ASIAN	QG62an	WIA	VK4TJ
28012.5	8	2016	9	12	0030		F3E						ASIAN	QG62an	WIA	VK4TJ
28015.0	6	2016	9	1	2330		A3E						ASIAN	QG62an	WIA	VK4TJ
28025.0	6	2016	9	1	0645		A3E						ASIAN	QG62an	WIA	VK4TJ
28035.0	6	2016	9	1	0645		A3E						ASIAN	QG62an	WIA	VK4TJ
28037.5	8	2016	9	3	0025		F3E						ASIAN	QG62an	WIA	VK4TJ
28045.0	6	2016	9	12	0035		A3E						ASIAN	QG62an	WIA	VK4TJ
28050.0	8	2016	9	1	0655		F3E						ASIAN	QG62an	WIA	VK4TJ
28055.0	6	2016	9	1	2330		A3E						ASIAN	QG62an	WIA	VK4TJ
28062.5	8	2016	9	12	0035		F3E						ASIAN	QG62an	WIA	VK4TJ
28065.0	6	2016	9	1	0715		A3E						ASIAN	QG62an	WIA	VK4TJ
28075.0	6	2016	9	1	0010		A3E						ASIAN	QG62an	WIA	VK4TJ
28085.0	6	2016	9	1	2330		A3E						ASIAN	QG62an	WIA	VK4TJ
28087.5	8	2016	9	12	0035		F3E						ASIAN	QG62an	WIA	VK4TJ
28100.0	8	2016	9	1	0010		F3E						ASIAN	QG62an	WIA	VK4TJ
28105.0	6	2016	9	1	2330		A3E						ASIAN	QG62an	WIA	VK4TJ
28112.5	8	2016	9	1	2330		F3E						ASIAN	QG62an	WIA	VK4TJ
28115.0	6	2016	9	1	2330		A3E						ASIAN	QG62an	WIA	VK4TJ
28125.0	6	2016	9	1	2335		A3E						ASIAN	QG62an	WIA	VK4TJ
28135.0	6	2016	9	1	2335		A3E						ASIAN	QG62an	WIA	VK4TJ
28137.5	8	2016	9	1	0015		F3E						ASIAN	QG62an	WIA	VK4TJ
28145.0	6	2016	9	1	0015		A3E						ASIAN	QG62an	WIA	VK4TJ
28150.0	8	2016	9	12	0040		F3E						ASIAN	QG62an	WIA	VK4TJ
28155.0	6	2016	9	1	2335		A3E						ASIAN	QG62an	WIA	VK4TJ
28162.5	8	2016	9	1	0725		F3E						ASIAN	QG62an	WIA	VK4TJ
28165.0	6	2016	9	3	0040		A3E						ASIAN	QG62an	WIA	VK4TJ
28175.0	8	2016	9	1	2335		F3E						ASIAN	QG62an	WIA	VK4TJ
28185.0	6	2016	9	1	2335		A3E						ASIAN	QG62an	WIA	VK4TJ
28187.5	8	2016	9	1	0015		F3E						ASIAN	QG62an	WIA	VK4TJ
28195.0	6	2016	9	1	2335		A3E						ASIAN	QG62an	WIA	VK4TJ
28200.0	8	2016	9	1	2335		F3E						ASIAN	QG62an	WIA	VK4TJ

28205.0	6	2016	9	1	0015		A3E						ASIAN	QG62an	WIA	VK4TJ
28212.5	8	2016	9	12	0030		F3E						ASIAN	QG62an	WIA	VK4TJ
28215.0	6	2016	9	1	2335		A3E						ASIAN	QG62an	WIA	VK4TJ
28225.0	8	2016	9	1	0015		F3E						ASIAN	QG62an	WIA	VK4TJ
28235.0	6	2016	9	1	2335		A3E						ASIAN	QG62an	WIA	VK4TJ
28237.5	8	2016	9	12	0100		F3E						ASIAN	QG62an	WIA	VK4TJ
28242.5	8	2016	9	1	2335		F3E						ASIAN	QG62an	WIA	VK4TJ
28245.0	6	2016	9	1	2335		A3E						ASIAN	QG62an	WIA	VK4TJ
28250.0	8	2016	9	1	2335		F3E						ASIAN	QG62an	WIA	VK4TJ
28255.0	6	2016	9	1	2335		A3E						ASIAN	QG62an	WIA	VK4TJ
28262.5	8	2016	9	12	0045		F3E						ASIAN	QG62an	WIA	VK4TJ
28265.0	6	2016	9	1	2335		A3E						ASIAN	QG62an	WIA	VK4TJ
28275.0	8	2016	9	1	2335		F3E						ASIAN	QG62an	WIA	VK4TJ
28285.0	6	2016	9	1	2335		A3E						ASIAN	QG62an	WIA	VK4TJ
28287.5	8	2016	9	14	0125		F3E						ASIAN	QG62an	WIA	VK4TJ
28295.0	6	2016	9	1	0105		A3E						ASIAN	QG62an	WIA	VK4TJ
28300.0	8	2016	9	1	0015		F3E						ASIAN	QG62an	WIA	VK4TJ
28305.0	6	2016	9	1	2335		A3E						ASIAN	QG62an	WIA	VK4TJ
28312.5	8	2016	9	8	2345		F3E						ASIAN	QG62an	WIA	VK4TJ
28315.0	6	2016	9	1	2335		A3E						ASIAN	QG62an	WIA	VK4TJ
28325.0	8	2016	9	1	2335		F3E						ASIAN	QG62an	WIA	VK4TJ
28335.0	6	2016	9	1	2335		A3E						ASIAN	QG62an	WIA	VK4TJ
28350.0	8	2016	9	7	0610		F3E						ASIAN	QG62an	WIA	VK4TJ
28355.0	6	2016	9	1	2340		A3E						ASIAN	QG62an	WIA	VK4TJ
28362.5	8	2016	9	20	0130		F3E						ASIAN	QG62an	WIA	VK4TJ
28365.0	6	2016	9	1	0015		A3E						ASIAN	QG62an	WIA	VK4TJ
28375.0	8	2016	9	1	0105		F3E						ASIAN	QG62an	WIA	VK4TJ
28385.0	6	2016	9	1	2340		A3E						ASIAN	QG62an	WIA	VK4TJ
28387.5	8	2016	9	8	0200		F3E						ASIAN	QG62an	WIA	VK4TJ
28400.0	8	2016	9	3	0040		F3E						ASIAN	QG62an	WIA	VK4TJ
28405.0	6	2016	9	1	2340		A3E						ASIAN	QG62an	WIA	VK4TJ
28412.5	8	2016	9	8	0200		F3E						ASIAN	QG62an	WIA	VK4TJ
28415.0	6	2016	9	1	0020		A3E						ASIAN	QG62an	WIA	VK4TJ
28425.0	8	2016	9	1	2340		F3E						ASIAN	QG62an	WIA	VK4TJ
28435.0	6	2016	9	1	2340		A3E						ASIAN	QG62an	WIA	VK4TJ
28437.5	8	2016	9	1	0730		F3E						ASIAN	QG62an	WIA	VK4TJ
28450.0	8	2016	9	8	0200		F3E						ASIAN	QG62an	WIA	VK4TJ
28455.0	6	2016	9	1	2340		A3E						ASIAN	QG62an	WIA	VK4TJ
28462.5	8	2016	9	8	0205		F3E						ASIAN	QG62an	WIA	VK4TJ
28465.0	6	2016	9	1	2340		A3E						ASIAN	QG62an	WIA	VK4TJ
28475.0	8	2016	9	1	2340		F3E						ASIAN	QG62an	WIA	VK4TJ
28485.0	6	2016	9	1	2340		A3E						ASIAN	QG62an	WIA	VK4TJ
28487.5	8	2016	9	8	0205		F3E						ASIAN	QG62an	WIA	VK4TJ
28500.0	8	2016	9	21	0120		F3E						ASIAN	QG62an	WIA	VK4TJ
28505.0	6	2016	9	1	2340		A3E						ASIAN	QG62an	WIA	VK4TJ

28512.5	8	2016	9	14	0140		F3E						ASIAN	QG62an	WIA	VK4TJ
28515.0	6	2016	9	1	2340		A3E						ASIAN	QG62an	WIA	VK4TJ
28525.0	8	2016	9	1	2340		F3E						ASIAN	QG62an	WIA	VK4TJ
28535.0	6	2016	9	1	2340		A3E						ASIAN	QG62an	WIA	VK4TJ
28537.5	8	2016	9	12	0200		F3E						ASIAN	QG62an	WIA	VK4TJ
28550.0	8	2016	9	1	0020		F3E						ASIAN	QG62an	WIA	VK4TJ
28555.0	6	2016	9	1	2345		A3E						ASIAN	QG62an	WIA	VK4TJ
28562.5	8	2016	9	1	2340		F3E						ASIAN	QG62an	WIA	VK4TJ
28565.0	6	2016	9	1	2345		A3E						ASIAN	QG62an	WIA	VK4TJ
28575.0	8	2016	9	1	0020		F3E						ASIAN	QG62an	WIA	VK4TJ
28585.0	6	2016	9	1	2345		A3E						ASIAN	QG62an	WIA	VK4TJ
28587.5	8	2016	9	15	0210		F3E						ASIAN	QG62an	WIA	VK4TJ
28595.0	6	2016	9	1	2345		A3E						ASIAN	QG62an	WIA	VK4TJ
28600.0	8	2016	9	20	0120		F3E						ASIAN	QG62an	WIA	VK4TJ
28605.0	6	2016	9	1	0020		A3E						ASIAN	QG62an	WIA	VK4TJ
28612.5	8	2016	9	21	0325		F3E						ASIAN	QG62an	WIA	VK4TJ
28615.0	6	2016	9	1	0020		A3E						ASIAN	QG62an	WIA	VK4TJ
28625.0	8	2016	9	1	2345		F3E						ASIAN	QG62an	WIA	VK4TJ
28630.0	6	2016	9	25	0150		A3E						ASIAN	QG62an	WIA	VK4TJ
28635.0	6	2016	9	1	2345		A3E						ASIAN	QG62an	WIA	VK4TJ
28637.5	8	2016	9	20	0115		F3E						ASIAN	QG62an	WIA	VK4TJ
28645.0	6	2016	9	1	2345		A3E						ASIAN	QG62an	WIA	VK4TJ
28650.0	8	2016	9	21	0241		F3E						ASIAN	QG62an	WIA	VK4TJ
28655.0	6	2016	9	1	2345		A3E						ASIAN	QG62an	WIA	VK4TJ
28662.5	8	2016	9	16	0205		F3E						ASIAN	QG62an	WIA	VK4TJ
28665.0	6	2016	9	1	2345		A3E						ASIAN	QG62an	WIA	VK4TJ
28675.0	8	2016	9	1	0025		F3E						ASIAN	QG62an	WIA	VK4TJ
28685.0	6	2016	9	1	2345		A3E						ASIAN	QG62an	WIA	VK4TJ
28695.0	6	2016	9	1	2345		A3E						ASIAN	QG62an	WIA	VK4TJ
28700.0	6	2016	9	21	0115		A3E						ASIAN	QG62an	WIA	VK4TJ
28705.0	6	2016	9	1	2345		A3E						ASIAN	QG62an	WIA	VK4TJ
28712.5	8	2016	9	16	0205		F3E						ASIAN	QG62an	WIA	VK4TJ
28715.0	6	2016	9	1	2345		A3E						ASIAN	QG62an	WIA	VK4TJ
28725.0	8	2016	9	1	2345		F3E						ASIAN	QG62an	WIA	VK4TJ
28735.0	6	2016	9	1	2345		A3E						ASIAN	QG62an	WIA	VK4TJ
28737.5	8	2016	9	9	0105		F3E						ASIAN	QG62an	WIA	VK4TJ
28745.0	6	2016	9	1	2345		A3E						ASIAN	QG62an	WIA	VK4TJ
28750.0	8	2016	9	8	0320		F3E						ASIAN	QG62an	WIA	VK4TJ
28755.0	6	2016	9	1	2345		A3E						ASIAN	QG62an	WIA	VK4TJ
28765.0	6	2016	9	3	0050		A3E						ASIAN	QG62an	WIA	VK4TJ
28775.0	8	2016	9	3	0050		F3E						ASIAN	QG62an	WIA	VK4TJ
28780.0	6	2016	9	23	0110		A3E						ASIAN	QG62an	WIA	VK4TJ
28787.5	8	2016	9	20	0040		F3E						ASIAN	QG62an	WIA	VK4TJ
28800.0	8	2016	9	1	2350		F3E						ASIAN	QG62an	WIA	VK4TJ
28805.0	6	2016	9	21	0200		A3E						ASIAN	QG62an	WIA	VK4TJ

28812.5	8	2016	9	21	0150		F3E						ASIAN	QG62an	WIA	VK4TJ
28815.0	6	2016	9	1	2350		A3E						ASIAN	QG62an	WIA	VK4TJ
28825.0	8	2016	9	1	2350		F3E						ASIAN	QG62an	WIA	VK4TJ
28837.5	8	2016	9	21	0150		F3E						ASIAN	QG62an	WIA	VK4TJ
28850.0	8	2016	9	8	0320		F3E						ASIAN	QG62an	WIA	VK4TJ
28862.5	8	2016	9	2	0040		F3E						ASIAN	QG62an	WIA	VK4TJ
28865.0	6	2016	9	1	2350		A3E						ASIAN	QG62an	WIA	VK4TJ
28875.0	8	2016	9	2	0040		F3E						ASIAN	QG62an	WIA	VK4TJ
28887.5	8	2016	9	1	2350		F3E						ASIAN	QG62an	WIA	VK4TJ
28900.0	8	2016	9	1	0025		F3E						ASIAN	QG62an	WIA	VK4TJ
28912.5	8	2016	9	1	0025		F3E						ASIAN	QG62an	WIA	VK4TJ
28925.0	8	2016	9	2	0040		F3E						ASIAN	QG62an	WIA	VK4TJ
28937.5	8	2016	9	19	2355		F3E						ASIAN	QG62an	WIA	VK4TJ
28940.0	8	2016	9	16	0350		F3E						ASIAN	QG62an	WIA	VK4TJ
28950.0	8	2016	9	1	0030		F3E						ASIAN	QG62an	WIA	VK4TJ
28962.5	8	2016	9	2	0035		F3E						ASIAN	QG62an	WIA	VK4TJ
28975.0	8	2016	9	1	0030		F3E						ASIAN	QG62an	WIA	VK4TJ
28985.0	6	2016	9	1	2355		A3E						ASIAN	QG62an	WIA	VK4TJ
28987.5	8	2016	9	8	0325		F3E						ASIAN	QG62an	WIA	VK4TJ
29000.0	8	2016	9	2	0035		F3E						ASIAN	QG62an	WIA	VK4TJ
29005.0	6	2016	9	1	2355		A3E						ASIAN	QG62an	WIA	VK4TJ
29025.0	8	2016	9	1	0055		F3E						ASIAN	QG62an	WIA	VK4TJ
29037.5	8	2016	9	1	0030		F3E						ASIAN	QG62an	WIA	VK4TJ
29047.0	6	2016	9	21	0015		A3E						ASIAN	QG62an	WIA	VK4TJ
29050.0	8	2016	9	2	0035		F3E						ASIAN	QG62an	WIA	VK4TJ
29062.5	8	2016	9	2	0035		F3E						ASIAN	QG62an	WIA	VK4TJ
29075.0	8	2016	9	1	0030		F3E						ASIAN	QG62an	WIA	VK4TJ
29085.0	6	2016	9	21	0000		A3E						ASIAN	QG62an	WIA	VK4TJ
29087.5	8	2016	9	1	2355		F3E						ASIAN	QG62an	WIA	VK4TJ
29100.0	8	2016	9	2	0035		F3E						ASIAN	QG62an	WIA	VK4TJ
29112.5	8	2016	9	2	0035		F3E						ASIAN	QG62an	WIA	VK4TJ
29137.5	8	2016	9	1	0030		F3E						ASIAN	QG62an	WIA	VK4TJ
29150.0	8	2016	9	1	0050		F3E						ASIAN	QG62an	WIA	VK4TJ
29162.5	8	2016	9	1	0030		F3E						ASIAN	QG62an	WIA	VK4TJ
29175.0	8	2016	9	2	0030		F3E						ASIAN	QG62an	WIA	VK4TJ
29187.5	8	2016	9	1	0030		F3E						ASIAN	QG62an	WIA	VK4TJ
29195.0	6	2016	9	1	2355		A3E						ASIAN	QG62an	WIA	VK4TJ
29200.0	8	2016	9	1	0035		F3E						ASIAN	QG62an	WIA	VK4TJ
29212.5	8	2016	9	1	0035		F3E						ASIAN	QG62an	WIA	VK4TJ
29225.0	8	2016	9	2	0030		F3E						ASIAN	QG62an	WIA	VK4TJ
29237.5	8	2016	9	2	0030		F3E						ASIAN	QG62an	WIA	VK4TJ
29250.0	8	2016	9	2	0030		F3E						ASIAN	QG62an	WIA	VK4TJ
29262.5	8	2016	9	1	0050		F3E						ASIAN	QG62an	WIA	VK4TJ
29275.0	8	2016	9	2	0030		F3E						ASIAN	QG62an	WIA	VK4TJ
29285.0	6	2016	9	2	0000		A3E						ASIAN	QG62an	WIA	VK4TJ

29287.5	8	2016	9	20	2355		F3E						ASIAN	QG62an	WIA	VK4TJ
29300.0	8	2016	9	2	0030		F3E						ASIAN	QG62an	WIA	VK4TJ
29312.5	8	2016	9	20	2350		F3E						ASIAN	QG62an	WIA	VK4TJ
29325.0	8	2016	9	1	0050		F3E						ASIAN	QG62an	WIA	VK4TJ
29337.5	8	2016	9	2	0025		F3E						ASIAN	QG62an	WIA	VK4TJ
29350.0	8	2016	9	2	0025		F3E						ASIAN	QG62an	WIA	VK4TJ
29362.5	8	2016	9	16	0255		F3E						ASIAN	QG62an	WIA	VK4TJ
29370.0	1	2016	9	23	0140		F1B						BURSTS	QG62an	WIA	VK4TJ
29375.0	8	2016	9	2	0025		F3E						ASIAN	QG62an	WIA	VK4TJ
29385.0	6	2016	9	18	0530		A3E						ASIAN	QG62an	WIA	VK4TJ
29387.5	8	2016	9	2	0025		F3E						ASIAN	QG62an	WIA	VK4TJ
29400.0	8	2016	9	2	0025		F3E						ASIAN	QG62an	WIA	VK4TJ
29412.5	8	2016	9	1	0050		F3E						ASIAN	QG62an	WIA	VK4TJ
29425.0	8	2016	9	1	0035		F3E						ASIAN	QG62an	WIA	VK4TJ
29437.5	8	2016	9	2	0025		F3E						ASIAN	QG62an	WIA	VK4TJ
29450.0	8	2016	9	1	0035		F3E						ASIAN	QG62an	WIA	VK4TJ
29462.5	8	2016	9	2	0020		F3E						ASIAN	QG62an	WIA	VK4TJ
29475.0	8	2016	9	2	0020		F3E						ASIAN	QG62an	WIA	VK4TJ
29487.5	8	2016	9	2	0020		F3E						ASIAN	QG62an	WIA	VK4TJ
29500.0	8	2016	9	2	0020		F3E						ASIAN	QG62an	WIA	VK4TJ
29512.5	8	2016	9	2	0020		F3E						ASIAN	QG62an	WIA	VK4TJ
29525.0	8	2016	9	2	0000		F3E						ASIAN	QG62an	WIA	VK4TJ
29537.5	6	2016	9	10	0515		A3E						ASIAN	QG62an	WIA	VK4TJ
29550.0	8	2016	9	2	0015		F3E						ASIAN	QG62an	WIA	VK4TJ
29562.5	8	2016	9	19	2330		F3E						ASIAN	QG62an	WIA	VK4TJ
29575.0	8	2016	9	1	0040		F3E						ASIAN	QG62an	WIA	VK4TJ
29587.5	6	2016	9	10	0515		A3E						ASIAN	QG62an	WIA	VK4TJ
29600.0	8	2016	9	2	0015		F3E						ASIAN	QG62an	WIA	VK4TJ
29612.5	8	2016	9	2	0005		F3E						ASIAN	QG62an	WIA	VK4TJ
29625.0	8	2016	9	2	0015		F3E						ASIAN	QG62an	WIA	VK4TJ
29637.5	6	2016	9	10	0425		A3E						ASIAN	QG62an	WIA	VK4TJ
29650.0	8	2016	9	1	0040		F3E						ASIAN	QG62an	WIA	VK4TJ
29662.5	8	2016	9	10	0425		F3E						ASIAN	QG62an	WIA	VK4TJ
29675.0	8	2016	9	2	0005		F3E						ASIAN	QG62an	WIA	VK4TJ
29687.5	8	2016	9	2	0010		F3E						ASIAN	QG62an	WIA	VK4TJ
29700.0	8	2016	9	10	0425		F3E						ASIAN	QG62an	WIA	VK4TJ

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