



INTERNATIONAL AMATEUR RADIO
UNION

REGION THREE

MONITORING SYSTEM NEWS LETTER



September 2017

Titon Dutono, YB3PET

Reports for September 2017 were received from the JARL, and WIA

For period of August 2017 there were 34 observations from JARL, and also there were 653 observations from WIA. By this month sampling, there were total 687 observations of intruders made across the Region.

The most prominent intruders are as in the following table,

No.	Band	Class Emission	Administration	Description
1.	80m	A1A	UNKNOWN	DITS - JAMMING SIGNAL, TRAIN OF “I”
		PON	UNKNOWN	OTHR-CONTINUOUS
2.	40m	AIA	RUS	BEACON
		PXX	UNID	OTHR
		A1A	UNID	DITS –JAMMING SIGNAL
		J3E	INS	INDONESIAN LANGUAGE
		VXX	UNID	CODAR
		FIB	UNID	BURSTS
3.	30m	VXX	UNID	CODAR
4.	20m	PON	UNID	OTHR, BURST
		J3E	UNID	ASIAN
		PXX	CHN	OTHR
5.	17m	PON	UNID	OTHR BURST
6.	15m	PON	UNID	OTHR, BURST
		J3E	INS	3RD HARMONIC OF YB INTRUDER
7.	10m	A3E	UNID	ASIAN COUNTRY
		F3E	UNID	ASIAN COUNTRY

Comment from WIA: There has been an upswing in intruders on the high band due to better band conditions

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: 34 observations

kHz	BW	YYYY	MM	DD	UTC	Emm	Bd	Sft	Hdg	ADM	ID	Description	Grid	Society
3495.0	0.5	2017	09	26	21:16	A1A						train of "I"	PM84XT	JARL
3500.0	0.5	2017	09	26	21:17	A1A						train of "I"	PM84XT	JARL
3505.0	0.5	2017	09	19	21:10	A1A						Signal of rhythm	PM84XT	JARL
3520.0	0.5	2017	09	26	21:18	A1A						train of "I"	PM84XT	JARL
3523.0	0.5	2017	09	26	21:19	A1A						train of "I"	PM84XT	JARL
3533.0	0.5	2017	09	19	21:15	A1A						CL8~	PM84XT	JARL
3533.0	0.5	2017	09	05	21:20	A1A						Signal of rhythm	PM84XT	JARL
3540.0	6.0	2017	09	19	21:18	Jamming						Signal RS:59	PM84XT	JARL
3542.0	0.5	2017	09	09	22:57	A1A						VVV~ VVV~	PM84XT	JARL
3543.0	3.0	2017	09	19	21:25	A1A						train of "HDNA"	PM84XT	JARL
3556.0	30.0	2017	09	05	21:15	Jamming						Signal RS:59	PM84XT	JARL
7020.0	3.0	2017	09	05	21:30	J3E/L						Language:Tagalog,With no Call	PM84XT	JARL
7039	0.5	2017	09	04	1120	A1A			15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2017	09	04	1210	A1A			15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2017	09	04	1304	A1A			15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2017	09	04	1410	A1A			15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2017	09	04	1508	A1A			15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2017	09	05	1216	A1A			15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2017	09	05	1310	A1A			15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2017	09	05	1410	A1A			15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2017	09	05	1520	A1A			15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2017	09	05	1610	A1A			15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2017	09	08	1130	A1A			15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2017	09	08	1210	A1A			15	RUS	M--signal	Beacon	PM97	JARL

7039	0.5	2017	09	08	1306	A1A			15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2017	09	08	1410	A1A			15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2017	09	09	1120	A1A			15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2017	09	09	1204	A1A			15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2017	09	09	1320	A1A			15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2017	09	12	1220	A1A			15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2017	09	12	1310	A1A			15	RUS	M-- signal	Beacon	PM97	JARL
7064	3	2017	09	10	1140	JM			non	non	non	havily noise only type JM	PM97	JARL
7078.0	0.5	2017	09	26	21:19	A1A						Signal of rhythm	PM84XT	JARL
7078.0	0.5	2017	09	09	22:54	A1A						Signal of rhythm	PM84XT	JARL

WIA: 653 observations

Freq kHz	BW	YYYY	MM	DD	GMT	UTC	Emm	Bd	Sft	Hdg	ADM	ID	Description	Grid	Society	Notes
3500,0		2017	9	2	1940		A1A						DITS – JAMMING SIGNAL	QG62an	WIA	VK4TJ
3500,0	3	2017	9	5	1830		J3E/U				CHN		CHINESE SPEAKERS	QG62an	WIA	VK4TJ
3500,8		2017	9	2	1940		A1A						DITS – JAMMING SIGNAL	QG62an	WIA	VK4TJ
3503,1		2017	9	2	1940		A1A						DITS – JAMMING SIGNAL	QG62an	WIA	VK4TJ
3504,3		2017	9	2	1940		A1A						DITS – JAMMING SIGNAL	QG62an	WIA	VK4TJ
3505,0	1	2017	9	19	1915		F1B						SELCALL TONES	QG62an	WIA	VK4TJ
3505,4		2017	9	2	1940		A1A						DITS – JAMMING SIGNAL	QG62an	WIA	VK4TJ
3506,5		2017	9	2	1940		A1A						DITS – JAMMING SIGNAL	QG62an	WIA	VK4TJ
3507,6		2017	9	2	1940		A1A						DITS – JAMMING SIGNAL	QG62an	WIA	VK4TJ
3508,6		2017	9	2	1940		A1A						DITS – JAMMING SIGNAL	QG62an	WIA	VK4TJ
3509,0	5	2017	9	7	1950		G7D						DOZENS OF SUBCARRIERS ON CLOSE INTERVALS	QG62an	WIA	VK4TJ
3510,2		2017	9	2	1940		A1A						DITS – JAMMING SIGNAL	QG62an	WIA	VK4TJ
3510,9		2017	9	2	1940		A1A						DITS – JAMMING SIGNAL	QG62an	WIA	VK4TJ
3512,3		2017	9	2	1940		A1A						DITS – JAMMING SIGNAL	QG62an	WIA	VK4TJ
3515,2		2017	9	2	1940		A1A						DITS – JAMMING SIGNAL	QG62an	WIA	VK4TJ
3517,0	1	2017	9	2	1945		F1B		250				CONTINUOUS	QG62an	WIA	VK4TJ
3517,2		2017	9	2	1940		A1A						DITS – JAMMING SIGNAL	QG62an	WIA	VK4TJ
3517,7	3	2017	9	23	0900		J3E/U						ASIAN	QG62an	WIA	VK4TJ
3519,5		2017	9	2	1940		A1A						DITS – JAMMING SIGNAL	QG62an	WIA	VK4TJ

3521,9		2017	9	2	1940		A1A						DITS – JAMMING SIGNAL	QG62an	WIA	VK4TJ
3524,0	1	2017	9	21	1945		F1B		250				CONTINUOUS	QG62an	WIA	VK4TJ
3524,1		2017	9	2	1940		A1A						DITS – JAMMING SIGNAL	QG62an	WIA	VK4TJ
3525,0	5	2017	9	23	1935		G7D						RHYTHMIC BURSTS	QG62an	WIA	VK4TJ
3526,3		2017	9	2	1940		A1A						DITS – JAMMING SIGNAL	QG62an	WIA	VK4TJ
3528,0	5	2017	9	4	1940		G7D						MANY SUBCARRIERS. SOUNDS LIKE CONCRETE CUTTER	QG62an	WIA	VK4TJ
3528,9		2017	9	2	1940		A1A						DITS – JAMMING SIGNAL	QG62an	WIA	VK4TJ
3530,0	50	2017	9	4	1940		P0N						OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
3531,2		2017	9	2	1940		A1A						DITS – JAMMING SIGNAL	QG62an	WIA	VK4TJ
3532,0	3	2017	9	10	1855		J3E/U				JPN		JAPANESE SPEAKERS	QG62an	WIA	VK4TJ
3532,0	5	2017	9	13	1935		G1D						BURSTS, BROAD PSK	QG62an	WIA	VK4TJ
3533,5		2017	9	11	1920		A1A						DITS – JAMMING SIGNAL	QG62an	WIA	VK4TJ
3536,0		2017	9	11	1920		A1A						DITS – JAMMING SIGNAL	QG62an	WIA	VK4TJ
3538,0		2017	9	11	1920		A1A						DITS – JAMMING SIGNAL	QG62an	WIA	VK4TJ
3540,0	50	2017	9	23	1940		P0N						OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
3540,0	20	2017	9	2	1940		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
3540,3		2017	9	11	1920		A1A						DITS – JAMMING SIGNAL	QG62an	WIA	VK4TJ
3542,0		2017	9	5	1820		A1A					HDNA	DAILY, BEACONING	QG62an	WIA	VK4TJ
3544,0	1	2017	9	17	2030		F1B		250				CONTINUOUS	QG62an	WIA	VK4TJ
3545,2		2017	9	11	1920		A1A						DITS – JAMMING SIGNAL	QG62an	WIA	VK4TJ
3548,0		2017	9	27	1935		N0N						REPLACES G1D BELOW?	QG62an	WIA	VK4TJ
3548,0	1	2017	9	29	1925		F1B		200				CONTINUOUS	QG62an	WIA	VK4TJ
3548,0	5	2017	9	5	1820		G1D						BROAD PSK	QG62an	WIA	VK4TJ
3550,0	5	2017	9	25	1925		G7D						DOZENS OF SUBCARRIERS ON CLOSE INTERVALS	QG62an	WIA	VK4TJ
3552,0	5	2017	9	22	1940		G7D						DOZENS OF SUBCARRIERS ON CLOSE INTERVALS	QG62an	WIA	VK4TJ
3554,0	10	2017	9	2	1945		G1D						DAILY, BROAD PSK	QG62an	WIA	VK4TJ
3555,0	3	2017	9	23	1015		J3E/U						ASIAN	QG62an	WIA	VK4TJ
3559,0	3	2017	9	2	1945		J3E/L						FRENCH MUSIC	QG62an	WIA	VK4TJ
3560,0	10	2017	9	3	1000		G1D						BROAD PSK	QG62an	WIA	VK4TJ
3562,0		2017	9	22	1940		A1A						MIXED NUMBER/LETTER CIPHER	QG62an	WIA	VK4TJ
3568,8	3	2017	9	24	1925		J3E/U				RUS		RUSSIAN SPEAKERS. NO CALLS, EVER.	QG62an	WIA	VK4TJ
3570,0	10	2017	9	5	0955		G1D						BROAD PSK	QG62an	WIA	VK4TJ
3572,0	5	2017	9	2	1950		G7D						DOZENS OF SUBCARRIERS ON CLOSE INTERVALS	QG62an	WIA	VK4TJ
3573,0		2017	9	13	1835		A1A						MIXED NUMBER/LETTER CIPHER	QG62an	WIA	VK4TJ
3575,0	50	2017	9	1	0935		P0N						OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
3578,0	1	2017	9	13	1840		F1B		250				CONTINUOUS	QG62an	WIA	VK4TJ
3578,0	5	2017	9	13	1940		G7D						RHYTHMIC BURSTS	QG62an	WIA	VK4TJ
3580,0	5	2017	9	13	1840		G7D						RHYTHMIC BURSTS	QG62an	WIA	VK4TJ
3582,0	1	2017	9	13	1840		F1B						SELCALL TONES	QG62an	WIA	VK4TJ
3585,0	3	2017	9	1	0930		J1C				KOR	HLL2	DAILY, FAX	QG62an	WIA	VK4TJ

3591,5		2017	9	3	1940		A1A						CHIR[Y, LETTER CIPHER, MANY NON-ENGLISH CHARACTERS	QG62an	WIA	VK4TJ
3594,0	5	2017	9	1	0935		G7D						COMPLEX RHYTHMIC BURSTS	QG62an	WIA	VK4TJ
3598,0	3	2017	9	13	1845		J3E/L				CHN		CHINESE, CALLING A SHIP BY NAME	QG62an	WIA	VK4TJ
3600,0	60	2017	9	10	1850		P0N						OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
3603,0		2017	9	3	1940		A1A						MIXED NUMBER/LETTER CIPHER. HUM & CHIRP	QG62an	WIA	VK4TJ
3603,5		2017	9	13	1940		A1A						MIXED NUMBER/LETTER CIPHER. MACHINE SENT.	QG62an	WIA	VK4TJ
3610,0	50	2017	9	4	1940		P0N						OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
3611,0		2017	9	5	1825		A1A						MIXED NUMBER/LETTER CIPHER	QG62an	WIA	VK4TJ
3622,5	3	2017	9	1	0930		J1C				JPN	JMH	DAILY, FAX	QG62an	WIA	VK4TJ
3629,0	5	2017	9	21	1930		G7D						RHYTHMIC BURSTS	QG62an	WIA	VK4TJ
3631,0	3	2017	9	23	1950		J3E/U				CHN		CHINESE SPEAKERS	QG62an	WIA	VK4TJ
3640,0	50	2017	9	25	1930		P0N						OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
3642,0		2017	9	2	1950		A1A					3A7D	DAILY, CALLING DKG6	QG62an	WIA	VK4TJ
3643,0	1	2017	9	10	1850		F1B						SELCALL TONES	QG62an	WIA	VK4TJ
3650,0	20	2017	9	30	1015		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
3650,0	50	2017	9	15	2000		P0N						OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
3650,0	5	2017	9	3	1945		G7D						DOZENS OF SUBCARRIERS ON CLOSE INTERVALS	QG62an	WIA	VK4TJ
3654,0	5	2017	9	23	1945		G7D						RHYTHMIC BURSTS	QG62an	WIA	VK4TJ
3658,0		2017	9	2	1950		A1A				RUS	V	HARBOUR BEACON	QG62an	WIA	VK4TJ
3660,0	50	2017	9	29	1925		P0N						OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
3673,5		2017	9	24	1930		A1A						MIXED CIPHER. MANY NON-ENGLISH CHARACTERS	QG62an	WIA	VK4TJ
3675,0	50	2017	9	1	0935		P0N						OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
3676,0	3	2017	9	5	1825		J3E/U				CHN		CHINESE SPEAKERS	QG62an	WIA	VK4TJ
3681,5		2017	9	22	1945		A1A						NUMBER CIPHER	QG62an	WIA	VK4TJ
3691,0		2017	9	1	0935		A1A				JPN	JJT55	VVV	QG62an	WIA	VK4TJ
3698,0		2017	9	25	1930		A1A						MIXED NUMBER/LETTER CIPHER	QG62an	WIA	VK4TJ
3697,0	5	2017	9	21	1935		G7D						DOZENS OF SUBCARRIERS ON CLOSE INTERVALS	QG62an	WIA	VK4TJ
3700,0	50	2017	9	26	1945		P0N						OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
3700,0	5	2017	9	13	1850		G7D						RHYTHMIC BURSTS	QG62an	WIA	VK4TJ
3700,0		2017	9	10	1900		A1A						MIXED NUMBER/LETTER CIPHER. MANY NON-ENGLISH CHARACTERS	QG62an	WIA	VK4TJ
3740,0	50	2017	9	25	1935		P0N						OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
3750,0	80	2017	9	13	1940		P0N						OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
3775,0	100	2017	9	15	2000		P0N						OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
3776,8	3	2017	9	13	1855		J3E/U						ASIAN, DISTORTED	QG62an	WIA	VK4TJ
3777,0		2017	9	2	1950		A1A				RUS	RIS9	DAILY, CALLING M8JF	QG62an	WIA	VK4TJ

3778,0	5	2017	9	25	1930		G7D						DOZENS OF SUBCARRIERS ON CLOSE INTERVALS	QG62an	WIA	VK4TJ
3778,0	3	2017	9	29	1950		J3E/U						ASIAN	QG62an	WIA	VK4TJ
3785,0	50	2017	9	25	1935		P0N						OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
3786,5		2017	9	3	1945		A1A						DAILY. MIXED NUMBER/LETTER CIPHER	QG62an	WIA	VK4TJ
3788,6	3	2017	9	14	1955		J3E/U						ASIAN	QG62an	WIA	VK4TJ
3789,0		2017	9	2	2000		A1A						MIXED NUMBER/LETTER CIPHER	QG62an	WIA	VK4TJ
3790,0		2017	9	10	1905		A1A						MIXED NUMBER/LETTER CIPHER	QG62an	WIA	VK4TJ
3791,4		2017	9	20	2000		A1A						HUM & CHIRP. CIPHER GROUPS	QG62an	WIA	VK4TJ
3791,0		2017	9	3	1945		A1A						MIXED NUMBER/LETTER CIPHER	QG62an	WIA	VK4TJ
3795,0	50	2017	9	27	1945		P0N						OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
3797,0		2017	9	3	1945		A1A						MIXED NUMBER/LETTER CIPHER	QG62an	WIA	VK4TJ
3799,0	5	2017	9	24	1935		G7D						RHYTHMIC BURSTS	QG62an	WIA	VK4TJ
3799,0		2017	9	13	1855		A1A						CHIRP & HUM. MIXED NUMBER/LETTER CIPHER	QG62an	WIA	VK4TJ
3800,0		2017	9	4	2000		A1A						DAILY. MIXED NUMBER/LETTER CIPHER	QG62an	WIA	VK4TJ
3810,0	50	2017	9	22	1940		P0N						OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
6970,0	100	2017	9	2	2000		P0N						CONTINUOUS, SLOW PULSE RATE	QG62an	WIA	VK4TJ
7000,0	5	2017	9	12	2050		G7D				TUR		DAILY, STANAG 4285	QG62an	WIA	VK4TJ
7000,0	3	2017	9	20	2010		J3E/U				CHN		CHINESE SPEAKERS	QG62an	WIA	VK4TJ
7000,0	3	2017	9	1	0850		J3E/U				INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7000,6	3	2017	9	15	2015		J3E/L				INS		SATU DUA. BAHASA SPEAKERS	QG62an	WIA	VK4TJ
7000,7	3	2017	9	13	1910		J3E/U				CHN		FISHBOATS	QG62an	WIA	VK4TJ
7001,8	3	2017	9	18	0700		J3E/U						ASIAN	QG62an	WIA	VK4TJ
7002,0	5	2017	9	17	2100		G1D						BROAD PSK	QG62an	WIA	VK4TJ
7005,0	3	2017	9	1	0940		J3E/L				INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7005,0	3	2017	9	1	0850		J3E/U				INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7005,5	3	2017	9	26	1955		J3E/L						ASIAN	QG62an	WIA	VK4TJ
7008,0		2017	9	21	1955		A1A						MIXED NUMBER/LETTER CIPHER	QG62an	WIA	VK4TJ
7010,0	3	2017	9	1	0850		J3E/L				INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7010,0	3	2017	9	1	0945		J3E/U				INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7013,0	5	2017	9	13	1900		G7D						DOZENS OF SUBCARRIERS ON CLOSE INTERVALS. WITH PILOT TONE	QG62an	WIA	VK4TJ
7014,0	3	2017	9	20	2115		J3E/L				CHN		CHINESE SPEAKERS. NO CALLS, EVER.	QG62an	WIA	VK4TJ
7014,0	1	2017	9	12	2100		F1B						SELCALL TONES	QG62an	WIA	VK4TJ
7015,0	3	2017	9	1	0945		J3E/L				INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7015,0	3	2017	9	1	0945		J3E/U				INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7020,0	1	2017	9	26	2010		F1B		250				CONTINUOUS	QG62an	WIA	VK4TJ
7020,0	3	2017	9	1	0900		J3E/L				INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7020,0	3	2017	9	2	1035		J3E/U				INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ

7025,0	3	2017	9	1	0900		J3E/L				INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7025,0	3	2017	9	2	1035		J3E/U				INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7030,0	5	2017	9	5	1000		G1D						BROAD PSK, BURSTS	QG62an	WIA	VK4TJ
7030,0	3	2017	9	1	0900		J3E/L				INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7030,0	3	2017	9	1	0900		J3E/U				INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7033,1	3	2017	9	18	0705		J3E/U						ASIAN	QG62an	WIA	VK4TJ
7035,0	3	2017	9	1	0905		J3E/L				INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7035,2	3	2017	9	26	2010		J3E/U						ASIAN FISHBOATS, ENGINE NOISE	QG62an	WIA	VK4TJ
7036,0	1	2017	9	10	1910		F1B		250				IDLING	QG62an	WIA	VK4TJ
7036,6	3	2017	9	4	0910		J3E/U						ASIAN, SOUNDS CHINESE	QG62an	WIA	VK4TJ
7039,4		2017	9	1	0845		A1A				RUS	M	DAILY, BEACON	QG62an	WIA	VK4TJ
7040,0	3	2017	9	1	0905		J3E/U				INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7042,0	5	2017	9	21	1955		G7D						DOZENS OF SUBCARRIERS ON CLOSE INTERVALS	QG62an	WIA	VK4TJ
7050,0	3	2017	9	10	1910		J3E/L						RELAY OF RUSSIAN COMMERCIAL TV STATION AUDIO	QG62an	WIA	VK4TJ
7050,0	3	2017	9	5	1005		J3E/U				CHN		CHINESE SPEAKERS. NO CALLS, EVER.	QG62an	WIA	VK4TJ
7056,0	5	2017	9	22	1955		G7D						DOZENS OF SUBCARRIERS ON CLOSE INTERVALS	QG62an	WIA	VK4TJ
7056,0	5	2017	9	13	1900		G1D						SHORT BURSTS	QG62an	WIA	VK4TJ
7060,0	20	2017	9	28	1955		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
7063,0	5	2017	9	11	1945		G7D						DOZENS OF SUBCARRIERS ON CLOSE INTERVALS	QG62an	WIA	VK4TJ
7063,1	3	2017	9	16	2115		J3E/U				CHN		CHINESE SPEAKERS. NO CALLS, EVER.	QG62an	WIA	VK4TJ
7065,0	20	2017	9	26	2025		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
7070,0	30	2017	9	5	1015		P0N						OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
7085,0	20	2017	9	26	0600		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
7090,0	20	2017	9	2	0235		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
7095,0	20	2017	9	21	2000		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
7100,0	3	2017	9	1	0910		J3E/U						DAILY, ASIAN. FAMILY NET	QG62an	WIA	VK4TJ
7100,0		2017	9	5	1005		A1A						DAILY, MIXED NUMBER/LETTER CIPHER. MANY NON-ENGLISH CHARACTERS	QG62an	WIA	VK4TJ
7103,0	1	2017	9	10	1020		F1B						SELCALL TONES	QG62an	WIA	VK4TJ
7105,0	1	2017	9	1	0910		F1B		250				BURSTS	QG62an	WIA	VK4TJ
7108,0	1	2017	9	2	1015		F1B		250				BURSTS	QG62an	WIA	VK4TJ
7110,0	5	2017	9	13	1905		G7D						RHYTHMIC BURSTS	QG62an	WIA	VK4TJ
7110,0	20	2017	9	1	0910		VXX						CODAR	QG62an	WIA	VK4TJ
7111,0	1	2017	9	22	1955		F1B		250				BURSTS	QG62an	WIA	VK4TJ
7111,0	3	2017	9	22	1955		J3E/U						ASIAN	QG62an	WIA	VK4TJ
7114,0	1	2017	9	1	2105		F1B		250				DAILY, CONTINUOUS	QG62an	WIA	VK4TJ

7115,0	30	2017	9	5	1010		P0N						OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
7118,0	5	2017	9	5	1005		G7D						DOZENS OF SUBCARRIERS ON CLOSE INTERVALS	QG62an	WIA	VK4TJ
7120,0	8	2017	9	2	1940		A3E				SOM		RADIO HARGEISA	QG62an	WIA	VK4TJ
7120,5	3	2017	9	27	1955		J3E/U						ASIAN. NO CALLS – EVER	QG62an	WIA	VK4TJ
7123,0	3	2017	9	18	2105		J3E/U						ASIAN, NOT CHINESE	QG62an	WIA	VK4TJ
7130,0	3	2017	9	16	2120		J3E/U				CHN		CHINESE SPEAKERS	QG62an	WIA	VK4TJ
7132,0		2017	9	29	0820		A1A						DAILY, MIXED NUMBER/LETTER CIPHER. MANY NON-ENGLISH CHARACTERS	QG62an	WIA	VK4TJ
7132,0	3	2017	9	19	2105		J3E/U						ASIAN FISHBOATS, ENGINE NOISE	QG62an	WIA	VK4TJ
7134,0	1	2017	9	13	1945		F1B		250				CONTINUOUS	QG62an	WIA	VK4TJ
7136,0	1	2017	9	2	1005		F1B						SELCALL TONES	QG62an	WIA	VK4TJ
7137,0	1	2017	9	5	1830		F1B		250				BURSTS	QG62an	WIA	VK4TJ
7140,0	10	2017	9	5	1830		A3E				ERI		RADIO ERITREA	QG62an	WIA	VK4TJ
7141,0	5	2017	9	17	0515		G1D						BROAD PSK	QG62an	WIA	VK4TJ
7141,0	1	2017	9	1	0910		F1B		250				BURSTS	QG62an	WIA	VK4TJ
7144,0	1	2017	9	15	2005		F1B		250				BURSTS	QG62an	WIA	VK4TJ
7145,0	20	2017	9	16	0225		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
7148,0	3	2017	9	1	0910		J3E/U						DAILY, CHINESE ROBOT VOICE READING LIST	QG62an	WIA	VK4TJ
7150,0	8	2017	9	13	1905		A3E						SW BROADCAST	QG62an	WIA	VK4TJ
7154,0	3	2017	9	5	1010		J3E/U						ASIAN	QG62an	WIA	VK4TJ
7162,5		2017	9	3	1950		A1A						DAILY, MIXED NUMBER/LETTER CIPHER. MANY NON-ENGLISH CHARACTERS	QG62an	WIA	VK4TJ
7164,0	1	2017	9	15	2010		F1B						SELCALL TONES	QG62an	WIA	VK4TJ
7164,0	3	2017	9	3	1950		VXX						JAMMING SIGNAL	QG62an	WIA	VK4TJ
7166,0	5	2017	9	13	1905		G1D						BROAD PSK	QG62an	WIA	VK4TJ
7169,0		2017	9	4	2015		A1A						QTC	QG62an	WIA	VK4TJ
7170,0	40	2017	9	11	1950		VXX						CODAR	QG62an	WIA	VK4TJ
7175,0	30	2017	9	5	1835		P0N						CONTINUOUS	QG62an	WIA	VK4TJ
7177,5	3	2017	9	29	0815		J3E/U				INS		BAHASA, FAMILY NET	QG62an	WIA	VK4TJ
7180,0		2017	9	21	2000		N0N							QG62an	WIA	VK4TJ
7181,0	1	2017	9	24	1945		F1B		450				BURSTS	QG62an	WIA	VK4TJ
7184,0	3	2017	9	26	2005		J3E/U						ASIAN FISHBOATS, ENGINE NOISE	QG62an	WIA	VK4TJ
7185,0	30	2017	9	5	1015		P0N						CONTINUOUS	QG62an	WIA	VK4TJ
7193,3	3	2017	9	17	2105		J3E/U						DAILY, ASIAN	QG62an	WIA	VK4TJ
7194,0	1	2017	9	27	2000		F1B		250				CONTINUOUS	QG62an	WIA	VK4TJ
7196,0	3	2017	9	1	0915		J1C							QG62an	WIA	VK4TJ
7199,0	1	2017	9	24	1950		F1B						SELCALL TONES	QG62an	WIA	VK4TJ
7200,0	3	2017	9	10	1025		J3E/U						ASIAN	QG62an	WIA	VK4TJ
7200,0	10	2017	9	5	2055		A3E						SW BROADCAST	QG62an	WIA	VK4TJ

7200,5	1	2017	9	18	0710		F1B		200				CONTINUOUS	QG62an	WIA	VK4TJ
7205,5	3	2017	9	4	0915		J3E/U						DAILY, ASIAN	QG62an	WIA	VK4TJ
7207,0	5	2017	9	4	0915		G7D						BURSTS	QG62an	WIA	VK4TJ
7234,5	1	2017	9	3	1955		F1B		250				DAILY, BURSTS	QG62an	WIA	VK4TJ
7268,3		2017	9	1	0920		A1A						JAMMING SIGNAL	QG62an	WIA	VK4TJ
7284,6		2017	9	1	0920		A1A						JAMMING SIGNAL	QG62an	WIA	VK4TJ
7286,9		2017	9	1	0920		A1A						JAMMING SIGNAL	QG62an	WIA	VK4TJ
7287,3		2017	9	1	0915		A1A						JAMMING SIGNAL	QG62an	WIA	VK4TJ
7289,1		2017	9	1	0915		A1A						JAMMING SIGNAL	QG62an	WIA	VK4TJ
7295,0	3	2017	9	1	0915		J3E/U						ASIAN	QG62an	WIA	VK4TJ
7300,0	3	2017	9	1	0915		J3E/L						ASIAN, SOUNDS CHINESE	QG62an	WIA	VK4TJ
10099,0	3	2017	9	12	2110		J3E/U						ASIAN FISHBOATS, ENGINE NOISE	QG62an	WIA	VK4TJ
10115,0	20	2017	9	13	2115		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
10120,0	20	2017	9	28	0235		VXX						DAILY, CHIRP RADAR	QG62an	WIA	VK4TJ
10125,0	20	2017	9	6	2140		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
10125,0	20	2017	9	6	2145		VXX						DAILY, CHIRP RADAR	QG62an	WIA	VK4TJ
10130,0	20	2017	9	26	0355		VXX						DAILY, CHIRP RADAR	QG62an	WIA	VK4TJ
10147,0	3	2017	9	4	0900		J3E/L						ASIAN, FISHBOATS, NOT CHINESE	QG62an	WIA	VK4TJ
10170,0	50	2017	9	2	2135		P0N						CONTINUOUS	QG62an	WIA	VK4TJ
13999,0	3	2017	9	27	2305		J3E/U						ASIAN	QG62an	WIA	VK4TJ
14000,0		2017	9	3	2145		N0N							QG62an	WIA	VK4TJ
14000,0	3	2017	9	3	2200		J3E/U						DAILY, ASIAN, FISHBOATS, ENGINE NOISE	QG62an	WIA	VK4TJ
14001,0	3	2017	9	2	0830		J3E/U				CHN		DAILY, CHINESE SPEAKERS	QG62an	WIA	VK4TJ
14008,0	1	2017	9	20	0905		F1B		250				CONTINUOUS	QG62an	WIA	VK4TJ
14011,2	3	2017	9	3	2200		J3E/U						ASIAN	QG62an	WIA	VK4TJ
14015,0	20	2017	9	20	0700		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
14025,0	20	2017	9	2	0715		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
14025,5	3	2017	9	10	0805		J3E/U						DAILY, ASIAN	QG62an	WIA	VK4TJ
14031,0	3	2017	9	24	0910		J3E/U						ASIAN, SOUNDS CHINESE	QG62an	WIA	VK4TJ
14032,0	3	2017	9	11	0910		J3E/U						DAILY, ASIAN	QG62an	WIA	VK4TJ
14033,0	20	2017	9	11	0910		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
14035,0	20	2017	9	4	2305		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14038,0	3	2017	9	18	0955		J3E/U						ASIAN	QG62an	WIA	VK4TJ
14040,0	3	2017	9	27	0945		J3E/U						ASIAN	QG62an	WIA	VK4TJ
14041,5	3	2017	9	20	0945		J3E/L						ASIAN, NOT CHINESE	QG62an	WIA	VK4TJ
14044,0	3	2017	9	19	2320		J3E/U						DAILY, ASIAN	QG62an	WIA	VK4TJ
14045,0	1	2017	9	27	2135		F1B		250				BURSTS	QG62an	WIA	VK4TJ
14050,0	20	2017	9	5	1020		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
14050,8	3	2017	9	18	0955		J3E/U						DAILY, ASIAN	QG62an	WIA	VK4TJ
14053,6	3	2017	9	2	2155		J3E/U						DAILY, ASIAN	QG62an	WIA	VK4TJ
14054,3	3	2017	9	2	2155		J3E/U						ASIAN	QG62an	WIA	VK4TJ
14055,0	3	2017	9	4	0850		J3E/U						ASIAN	QG62an	WIA	VK4TJ

14055,0	20	2017	9	3	0710		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14055,8	3	2017	9	18	0955		J3E/L						ASIAN	QG62an	WIA	VK4TJ
14057,0	3	2017	9	11	0940		J3E/L						ASIAN	QG62an	WIA	VK4TJ
14060,0	20	2017	9	1	0245		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14061,0	3	2017	9	19	0950		J3E/U						ASIAN, SOUNDS CHINESE	QG62an	WIA	VK4TJ
14062,2	3	2017	9	27	1010		J3E/U						ASIAN	QG62an	WIA	VK4TJ
14063,0	3	2017	9	21	2205		J3E/U						ASIAN FISHBOATS, ENGINE NOISE	QG62an	WIA	VK4TJ
14065,0	20	2017	9	4	2305		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
14067,0	3	2017	9	20	0940		J3E/U						ASIAN	QG62an	WIA	VK4TJ
14077,8	3	2017	9	11	0955		J3E/U						ASIAN	QG62an	WIA	VK4TJ
14090,0	20	2017	9	15	0910		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14095,0	20	2017	9	17	0745		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14098,3	3	2017	9	11	1010		J3E/U						ASIAN, SOUNDS TAGALOG	QG62an	WIA	VK4TJ
14100,0	20	2017	9	7	0810		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14105,0	20	2017	9	16	0700		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14110,0	20	2017	9	1	0530		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14111,0	1	2017	9	4	0750		F1B						SELCALL TONES	QG62an	WIA	VK4TJ
14112,0	3	2017	9	11	1020		J3E/U						ASIAN	QG62an	WIA	VK4TJ
14115,4	3	2017	9	21	2215		J3E/L						ASIAN	QG62an	WIA	VK4TJ
14115,0	20	2017	9	16	0705		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14118,2	3	2017	9	19	2335		J3E/L						ASIAN, NOT CHINESE	QG62an	WIA	VK4TJ
14120,0	200	2017	9	26	0455		P0N						OTHR, LONG BURSTS, SLOW PULSE RATE	QG62an	WIA	VK4TJ
14120,0	20	2017	9	14	0355		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14125,0	20	2017	9	2	0615		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14133,6	3	2017	9	3	0850		J3E/U						DAILY. ASIAN. NO CALLS, EVER	QG62an	WIA	VK4TJ
14135,0	170	2017	9	19	0200		P0N						OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
14135,0	20	2017	9	1	0530		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14140,0	20	2017	9	18	0430		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14141,5	3	2017	9	1	2230		J3E/L						ASIAN	QG62an	WIA	VK4TJ
14145,0	20	2017	9	22	0240		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14152,0	3	2017	9	20	0955		J3E/U						ASIAN FISHBOATS, ENGINE NOISE	QG62an	WIA	VK4TJ
14165,0	20	2017	9	11	2355		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14170,0	170	2017	9	26	0935		P0N						OTHR, LONG BURSTS. SLOW PULSE RATE	QG62an	WIA	VK4TJ
14170,0	20	2017	9	15	0645		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14170,4	3	2017	9	20	0955		J3E/U				CHN		CHINESE FISHBOATS	QG62an	WIA	VK4TJ
14175,0	20	2017	9	11	2345		G7DF						DAILY, MANPACK RADIO	QG62an	WIA	VK4TJ
14175,0	20	2017	9	6	0155		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14180,0	3	2017	9	19	2140		J3E/U						ASIAN. NO CALLS – EVER	QG62an	WIA	VK4TJ
14180,0	20	2017	9	13	0735		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
14180,0	20	2017	9	15	0910		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ

14185,0	20	2017	9	25	0900		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14195,0	20	2017	9	13	0940		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14195,4	3	2017	9	23	2150		J3E/U						ASIAN. NO CALLS – EVER	QG62an	WIA	VK4TJ
14198,9	3	2017	9	11	2145		J3E/U						ASIAN. NO CALLS – EVER	QG62an	WIA	VK4TJ
14200,0	20	2017	9	15	0910		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14216,6	3	2017	9	14	0950		J3E/U						ASIAN. NO CALLS – EVER	QG62an	WIA	VK4TJ
14217,6	3	2017	9	20	0955		J3E/U						ASIAN. NO CALLS – EVER	QG62an	WIA	VK4TJ
14221,0	1	2017	9	1	2230		F1B		250		KGZ		DAILY, CONTINUOUS, IDLING	QG62an	WIA	VK4TJ
14222,2	3	2017	9	18	1000		J3E/U						DAILY ASIAN. NO CALLS – EVER	QG62an	WIA	VK4TJ
14225,0	20	2017	9	20	0700		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14230,0	20	2017	9	4	0500		G7DF						DAILY, MANPACK RADIO	QG62an	WIA	VK4TJ
14230,0	20	2017	9	4	0500		G7DF						DAILY, MANPACK RADIO	QG62an	WIA	VK4TJ
14232,3	3	2017	9	21	2210		J3E/U						ASIAN. NO CALLS – EVER	QG62an	WIA	VK4TJ
14234,3	3	2017	9	18	1005		J3E/U						ASIAN. NO CALLS – EVER	QG62an	WIA	VK4TJ
14235,0	20	2017	9	20	0130		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
14235,0	20	2017	9	15	0645		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14240,0	1	2017	9	22	0830		F1B		250				CONTINUOUS	QG62an	WIA	VK4TJ
14240,0	5	2017	9	13	0935		G7D						DOZENS OF SUBCARRIERS ON CLOSE INTERVALS	QG62an	WIA	VK4TJ
14245,0	20	2017	9	23	0740		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
14245,0	20	2017	9	20	0745		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14250,0	20	2017	9	20	0135		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14260,0	20	2017	9	20	0135		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14266,0	1	2017	9	4	0625		F1B		250				CONTINUOUS	QG62an	WIA	VK4TJ
14267,0	5	2017	9	7	0805		G7D						DOZENS OF SUBCARRIERS ON CLOSE INTERVALS	QG62an	WIA	VK4TJ
14275,0	20	2017	9	18	0430		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14282,0	1	2017	9	14	0845		F1B						SELCALL TONES	QG62an	WIA	VK4TJ
14285,0	20	2017	9	25	0905		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14285,0	20	2017	9	20	0205		G7DF						DAILY, MANPACK RADIO	QG62an	WIA	VK4TJ
14290,0	20	2017	9	16	0825		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14295,0	20	2017	9	7	0950		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
14295,0	18	2017	9	22	1025		A3E				TJK		3RD HARMONIC, RADIO TADJIKISTAN	QG62an	WIA	VK4TJ
14295,0	20	2017	9	18	0430		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14299,4	3	2017	9	7	0950		J3E/L						GROSSLY DISTORTED	QG62an	WIA	VK4TJ
14300,0	20	2017	9	2	0615		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14308,5	3	2017	9	7	0930		J3E/U						ASIAN FAMILY NET – SOUNDS CHINESE	QG62an	WIA	VK4TJ
14310,0		2017	9	22	0945		A1A						VVV. CHIRPY.	QG62an	WIA	VK4TJ
14310,0	20	2017	9	3	0710		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14315,0	20	2017	9	5	0650		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14316,8	3	2017	9	7	0815		J3E/L						DAILY, ASIAN, SOUNDS CHINESE	QG62an	WIA	VK4TJ
14320,0	20	2017	9	1	0530		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14321,0	3	2017	9	14	0725		J3E/U						ASIAN	QG62an	WIA	VK4TJ

14322,2	3	2017	9	7	0905		J3E/U						ASIAN	QG62an	WIA	VK4TJ
14325,0	20	2017	9	1	0245		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14326,3	3	2017	9	16	2235		J3E/U						ASIAN	QG62an	WIA	VK4TJ
14330,0	20	2017	9	20	0655		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14333,7	3	2017	9	20	1005		J3E/U						ASIAN	QG62an	WIA	VK4TJ
14335,0	20	2017	9	7	0810		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14335,0	20	2017	9	13	0940		G7DF						DAILY, MANPACK RADIO	QG62an	WIA	VK4TJ
14340,0	20	2017	9	14	0720		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14344,6	3	2017	9	30	2245		J3E/L				CHN		CHIESE SPEAKERS	QG62an	WIA	VK4TJ
14345,0	20	2017	9	16	0700		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14345,5	3	2017	9	18	2115		J3E/U						DAILY, ASIAN	QG62an	WIA	VK4TJ
14347,0	1	2017	9	27	2140		F1B						SELCALL TONES	QG62an	WIA	VK4TJ
14350,0	20	2017	9	2	0615		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
18066,6	3	2017	9	21	2220		J3E/U						ASIAN	QG62an	WIA	VK4TJ
18070,0	20	2017	9	12	0625		P0N						OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
18070,8	3	2017	9	1	2345		J3E/U						ASIAN	QG62an	WIA	VK4TJ
18074,0	3	2017	9	20	2325		J3E/U						ASIAN	QG62an	WIA	VK4TJ
18131,5	1	2017	9	3	2155		F1B		250				RHYTHMIC BURSTS	QG62an	WIA	VK4TJ
21000,0	3	2017	9	1	0235		J3E/U						DAILY, ASIAN	QG62an	WIA	VK4TJ
21002,2	3	2017	9	3	0340		J3E/U						ASIAN	QG62an	WIA	VK4TJ
21009,0	3	2017	9	27	2315		J3E/L						ASIAN	QG62an	WIA	VK4TJ
21030,0	20	2017	9	13	0505		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
21040,0	20	2017	9	27	0835		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
21045,0	9	2017	9	17	0010		J3E/L				INS		3RD HARMONIC OF YB INTRUDER	QG62an	WIA	VK4TJ
21050,0	20	2017	9	15	0100		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21055,0	20	2017	9	28	0310		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21070,0	20	2017	9	27	0450		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
21095,0	20	2017	9	21	0550		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21098,0	1	2017	9	17	2350		F1B						SELCALL TONES	QG62an	WIA	VK4TJ
21101,0	3	2017	9	12	0545		J3E/U						ASIAN	QG62an	WIA	VK4TJ
21110,0	20	2017	9	3	0335		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21115,0	20	2017	9	27	0835		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
21120,0	40	2017	9	11	0430		P0N						OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
21125,0	20	2017	9	28	0310		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21125,0	20	2017	9	27	0835		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
21130,0	20	2017	9	24	0325		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
21140,0	20	2017	9	16	0100		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
21157,6	3	2017	9	19	2350		J3E/U						ASIAN, SOUNDS CHINESE. FISHBOATS	QG62an	WIA	VK4TJ
21165,0	20	2017	9	16	0820		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21170,0	20	2017	9	28	0520		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21170,0	20	2017	9	13	0455		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
21175,0	20	2017	9	18	0410		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21180,0	20	2017	9	28	0100		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ

21185,0	20	2017	9	12	0505		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21190,0	20	2017	9	28	0530		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21210,0	20	2017	9	4	0435		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
21212,1	3	2017	9	27	2315		J3E/L						ASIAN	QG62an	WIA	VK4TJ
21220,0	20	2017	9	18	0415		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
21230,0	20	2017	9	15	0335		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21230,0	40	2017	9	6	0655		P0N						OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
21235,0	20	2017	9	28	0515		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21236,6	3	2017	9	27	2325		J3E/L						ASIAN FISHBOATS, ENGINE NOISE	QG62an	WIA	VK4TJ
21240,0	20	2017	9	24	0730		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
21245,0	20	2017	9	11	0430		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21250,0	20	2017	9	16	0125		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
21250,0	20	2017	9	21	0550		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21255,0	20	2017	9	11	0545		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21260,0	20	2017	9	17	0005		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21265,0	20	2017	9	4	0430		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21280,0	20	2017	9	11	0500		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21285,0	20	2017	9	27	0830		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
21290,0	20	2017	9	28	0450		P0N						OTHR, CONTINUOUS, SLOW PULSE RATE	QG62an	WIA	VK4TJ
21295,0	20	2017	9	15	0100		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
21300,0	20	2017	9	4	0430		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21305,0	20	2017	9	29	0355		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21305,4	3	2017	9	19	0300		J3E/U						ASIAN. NO CALLS – EVER	QG62an	WIA	VK4TJ
21310,0	20	2017	9	11	0435		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21315,0	20	2017	9	14	0625		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21320,0	20	2017	9	16	0120		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21330,0	20	2017	9	27	2325		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
21330,0	20	2017	9	15	0000		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21335,0	20	2017	9	28	0315		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21340,0	20	2017	9	16	0740		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21345,0	20	2017	9	13	0455		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21350,0	20	2017	9	29	0350		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
21360,0	20	2017	9	30	0800		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21365,0	20	2017	9	29	0355		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21370,0	20	2017	9	21	0555		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21375,0	20	2017	9	11	0540		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21380,0	20	2017	9	14	0625		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21385,0	20	2017	9	14	2345		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21390,0	20	2017	9	30	0535		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
21400,0	20	2017	9	13	0605		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21405,0	20	2017	9	20	0120		G7DF						DAILY, MANPACK RADIO	QG62an	WIA	VK4TJ
21405,0	20	2017	9	16	0120		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21410,0	20	2017	9	4	0245		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ

21420,0	20	2017	9	11	0435		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21430,0	40	2017	9	4	0550		P0N						OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
21430,0	20	2017	9	4	0245		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21435,0	20	2017	9	20	0120		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
21435,0	20	2017	9	4	0245		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21445,0	20	2017	9	11	0540		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
24887,5	8	2017	9	3	2345		F3E						ASIAN	QG62an	WIA	VK4TJ
24890,0	6	2017	9	2	0000		A3E						ASIAN	QG62an	WIA	VK4TJ
24905,0	6	2017	9	1	0035		A3E						ASIAN	QG62an	WIA	VK4TJ
24912,5	8	2017	9	2	0005		F3E						ASIAN	QG62an	WIA	VK4TJ
24915,0	6	2017	9	6	2230		A3E						ASIAN	QG62an	WIA	VK4TJ
24925,0	6	2017	9	1	0030		A3E						ASIAN	QG62an	WIA	VK4TJ
24935,0	6	2017	9	1	0015		A3E						ASIAN	QG62an	WIA	VK4TJ
24937,5	8	2017	9	3	0830		F3E						ASIAN	QG62an	WIA	VK4TJ
24950,0	8	2017	9	2	0005		F3E						ASIAN	QG62an	WIA	VK4TJ
24955,0	6	2017	9	2	0010		A3E						ASIAN	QG62an	WIA	VK4TJ
24962,5	8	2017	9	2	0025		F3E						ASIAN	QG62an	WIA	VK4TJ
24975,0	8	2017	9	1	2355		F3E						ASIAN	QG62an	WIA	VK4TJ
24987,5	8	2017	9	2	0015		F3E						ASIAN	QG62an	WIA	VK4TJ
28000,0	8	2017	9	12	0210		F3E						ASIAN	QG62an	WIA	VK4TJ
28005,0	6	2017	9	4	0150		A3E						ASIAN	QG62an	WIA	VK4TJ
28012,5	8	2017	9	12	0030		F3E						ASIAN	QG62an	WIA	VK4TJ
28015,0	6	2017	9	4	0145		A3E						ASIAN	QG62an	WIA	VK4TJ
28025,0	6	2017	9	4	0150		A3E						ASIAN	QG62an	WIA	VK4TJ
28035,0	6	2017	9	4	0145		A3E						ASIAN	QG62an	WIA	VK4TJ
28037,5	8	2017	9	23	0230		F3E						ASIAN	QG62an	WIA	VK4TJ
28045,0	6	2017	9	12	0025		A3E						ASIAN	QG62an	WIA	VK4TJ
28050,0	8	2017	9	20	0005		F3E						ASIAN	QG62an	WIA	VK4TJ
28055,0	6	2017	9	4	0145		A3E						ASIAN	QG62an	WIA	VK4TJ
28062,5	8	2017	9	12	0040		F3E						ASIAN	QG62an	WIA	VK4TJ
28065,0	6	2017	9	4	0150		A3E						ASIAN	QG62an	WIA	VK4TJ
28075,0	6	2017	9	4	0145		A3E						ASIAN	QG62an	WIA	VK4TJ
28085,0	6	2017	9	4	0145		A3E						ASIAN	QG62an	WIA	VK4TJ
28087,5	8	2017	9	23	0230		F3E						ASIAN	QG62an	WIA	VK4TJ
28100,0	8	2017	9	12	0040		F3E						ASIAN	QG62an	WIA	VK4TJ
28105,0	6	2017	9	4	0125		A3E						ASIAN	QG62an	WIA	VK4TJ
28112,5	8	2017	9	11	0305		F3E						ASIAN	QG62an	WIA	VK4TJ
28115,0	6	2017	9	12	0025		A3E						ASIAN	QG62an	WIA	VK4TJ
28125,0	6	2017	9	4	0150		A3E						ASIAN	QG62an	WIA	VK4TJ
28135,0	6	2017	9	4	0125		A3E						ASIAN	QG62an	WIA	VK4TJ
28137,5	8	2017	9	11	0305		F3E						ASIAN	QG62an	WIA	VK4TJ
28145,0	6	2017	9	4	0125		A3E						ASIAN	QG62an	WIA	VK4TJ
28150,0	8	2017	9	20	0010		F3E						ASIAN	QG62an	WIA	VK4TJ
28155,0	6	2017	9	4	0150		A3E						ASIAN	QG62an	WIA	VK4TJ

28162,5	8	2017	9	11	0250		F3E						ASIAN	QG62an	WIA	VK4TJ
28165,0	6	2017	9	4	0150		A3E						ASIAN	QG62an	WIA	VK4TJ
28175,0	6	2017	9	4	0150		A3E						ASIAN	QG62an	WIA	VK4TJ
28185,0	6	2017	9	4	0155		A3E						ASIAN	QG62an	WIA	VK4TJ
28187,5	8	2017	9	20	0000		F3E						ASIAN	QG62an	WIA	VK4TJ
28195,0	6	2017	9	4	0130		A3E						ASIAN	QG62an	WIA	VK4TJ
28200,0	8	2017	9	20	0000		F3E						ASIAN	QG62an	WIA	VK4TJ
28205,0	6	2017	9	4	0130		A3E						ASIAN	QG62an	WIA	VK4TJ
28212,5	8	2017	9	20	0010		F3E						ASIAN	QG62an	WIA	VK4TJ
28215,0	6	2017	9	4	0155		A3E						ASIAN	QG62an	WIA	VK4TJ
28225,0	8	2017	9	4	0130		F3E						ASIAN	QG62an	WIA	VK4TJ
28235,0	6	2017	9	4	0130		A3E						ASIAN	QG62an	WIA	VK4TJ
28237,5	8	2017	9	20	0010		F3E						ASIAN	QG62an	WIA	VK4TJ
28245,0	6	2017	9	4	0155		A3E						ASIAN	QG62an	WIA	VK4TJ
28250,0	8	2017	9	20	0015		F3E						ASIAN	QG62an	WIA	VK4TJ
28255,0	6	2017	9	4	0155		A3E						ASIAN	QG62an	WIA	VK4TJ
28262,5	8	2017	9	25	0740		F3E						ASIAN	QG62an	WIA	VK4TJ
28265,0	6	2017	9	4	0130		A3E						ASIAN	QG62an	WIA	VK4TJ
28275,0	6	2017	9	4	0155		A3E						ASIAN	QG62an	WIA	VK4TJ
28275,0	8	2017	9	29	0000		F3E						ASIAN	QG62an	WIA	VK4TJ
28285,0	6	2017	9	4	0130		A3E						ASIAN	QG62an	WIA	VK4TJ
28287,5	8	2017	9	23	0235		F3E						ASIAN	QG62an	WIA	VK4TJ
28295,0	6	2017	9	4	0130		A3E						ASIAN	QG62an	WIA	VK4TJ
28300,0	8	2017	9	3	0815		F3E						ASIAN	QG62an	WIA	VK4TJ
28305,0	6	2017	9	4	0130		A3E						ASIAN	QG62an	WIA	VK4TJ
28312,5	8	2017	9	28	0600		F3E						ASIAN	QG62an	WIA	VK4TJ
28315,0	6	2017	9	4	0130		A3E						ASIAN	QG62an	WIA	VK4TJ
28325,0	6	2017	9	4	0155		A3E						ASIAN	QG62an	WIA	VK4TJ
28335,0	6	2017	9	4	0130		A3E						ASIAN	QG62an	WIA	VK4TJ
28337,5	8	2017	9	26	0500		F3E						ASIAN	QG62an	WIA	VK4TJ
28345,0	6	2017	9	29	0310		A3E						ASIAN	QG62an	WIA	VK4TJ
28350,0	8	2017	9	20	0025		F3E						ASIAN	QG62an	WIA	VK4TJ
28355,0	6	2017	9	4	0130		A3E						ASIAN	QG62an	WIA	VK4TJ
28362,5	8	2017	9	26	0130		F3E						ASIAN	QG62an	WIA	VK4TJ
28365,0	6	2017	9	4	0155		A3E						ASIAN	QG62an	WIA	VK4TJ
28375,0	6	2017	9	4	0155		A3E						ASIAN	QG62an	WIA	VK4TJ
28385,0	6	2017	9	4	0155		A3E						ASIAN	QG62an	WIA	VK4TJ
28387,5	8	2017	9	23	0250		F3E						ASIAN	QG62an	WIA	VK4TJ
28400,0	8	2017	9	20	0030		F3E						ASIAN	QG62an	WIA	VK4TJ
28405,0	6	2017	9	4	0135		A3E						ASIAN	QG62an	WIA	VK4TJ
28412,5	8	2017	9	26	0135		F3E						ASIAN	QG62an	WIA	VK4TJ
28415,0	6	2017	9	4	0135		A3E						ASIAN	QG62an	WIA	VK4TJ
28425,0	6	2017	9	4	0135		A3E						ASIAN	QG62an	WIA	VK4TJ
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28437,5	8	2017	9	26	0135		F3E						ASIAN	QG62an	WIA	VK4TJ
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28455,0	6	2017	9	4	0135		A3E						ASIAN	QG62an	WIA	VK4TJ
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28465,0	6	2017	9	4	0135		A3E						ASIAN	QG62an	WIA	VK4TJ
28475,0	6	2017	9	4	0135		A3E						ASIAN	QG62an	WIA	VK4TJ
28485,0	6	2017	9	4	0200		A3E						ASIAN	QG62an	WIA	VK4TJ
28487,5	8	2017	9	26	0135		F3E						ASIAN	QG62an	WIA	VK4TJ
28495,0	6	2017	9	4	0200		A3E						ASIAN	QG62an	WIA	VK4TJ
28500,0	8	2017	9	26	0140		F3E						ASIAN	QG62an	WIA	VK4TJ
28505,0	6	2017	9	4	0135		A3E						ASIAN	QG62an	WIA	VK4TJ
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28515,0	6	2017	9	4	0135		A3E						ASIAN	QG62an	WIA	VK4TJ
28525,0	6	2017	9	4	0135		A3E						ASIAN	QG62an	WIA	VK4TJ
28535,0	6	2017	9	4	0215		A3E						ASIAN	QG62an	WIA	VK4TJ
28537,5	8	2017	9	26	0140		F3E						ASIAN	QG62an	WIA	VK4TJ
28545,0	6	2017	9	29	0315		A3E						ASIAN	QG62an	WIA	VK4TJ
28550,0	8	2017	9	27	0325		F3E						ASIAN	QG62an	WIA	VK4TJ
28555,0	6	2017	9	4	0200		A3E						ASIAN	QG62an	WIA	VK4TJ
28562,5	8	2017	9	15	0325		F3E						ASIAN	QG62an	WIA	VK4TJ
28565,0	6	2017	9	4	0200		A3E						ASIAN	QG62an	WIA	VK4TJ
28575,0	6	2017	9	4	0200		A3E						ASIAN	QG62an	WIA	VK4TJ
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28587,5	8	2017	9	25	0145		F3E						ASIAN	QG62an	WIA	VK4TJ
28595,0	6	2017	9	4	0200		A3E						ASIAN	QG62an	WIA	VK4TJ
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28605,0	6	2017	9	4	0205		A3E						ASIAN	QG62an	WIA	VK4TJ
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28615,0	6	2017	9	4	0140		A3E						ASIAN	QG62an	WIA	VK4TJ
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28635,0	6	2017	9	4	0205		A3E						ASIAN	QG62an	WIA	VK4TJ
28637,5	8	2017	9	11	0110		F3E						ASIAN	QG62an	WIA	VK4TJ
28645,0	6	2017	9	4	0205		A3E						ASIAN	QG62an	WIA	VK4TJ
28650,0	8	2017	9	26	0150		F3E						ASIAN	QG62an	WIA	VK4TJ
28655,0	6	2017	9	4	0140		A3E						ASIAN	QG62an	WIA	VK4TJ
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28665,0	6	2017	9	4	0140		A3E						ASIAN	QG62an	WIA	VK4TJ
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28695,0	6	2017	9	4	0205		A3E						ASIAN	QG62an	WIA	VK4TJ
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28705,0	6	2017	9	4	0140		A3E						ASIAN	QG62an	WIA	VK4TJ
28710,0	6	2017	9	28	0110		A3E						ASIAN	QG62an	WIA	VK4TJ
28712,5	8	2017	9	11	0105		F3E						ASIAN	QG62an	WIA	VK4TJ

28715,0	6	2017	9	4	0140		A3E						ASIAN	QG62an	WIA	VK4TJ
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28745,0	6	2017	9	4	0140		A3E						ASIAN	QG62an	WIA	VK4TJ
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28780,0	6	2017	9	11	0400		A3E						ASIAN	QG62an	WIA	VK4TJ
28785,0	6	2017	9	11	0045		A3E						ASIAN	QG62an	WIA	VK4TJ
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28795,0	6	2017	9	24	0105		A3E						ASIAN	QG62an	WIA	VK4TJ
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28845,0	6	2017	9	15	0555		A3E						ASIAN	QG62an	WIA	VK4TJ
28850,0	8	2017	9	15	0540		F3E						ASIAN	QG62an	WIA	VK4TJ
28855,0	6	2017	9	11	0050		A3E						ASIAN	QG62an	WIA	VK4TJ
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28887,5	8	2017	9	15	0545		F3E						ASIAN	QG62an	WIA	VK4TJ
28900,0	8	2017	9	11	0015		F3E						ASIAN	QG62an	WIA	VK4TJ
28905,0	6	2017	9	11	0050		A3E						ASIAN	QG62an	WIA	VK4TJ
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28915,0	6	2017	9	24	0020		A3E						ASIAN	QG62an	WIA	VK4TJ
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28935,0	6	2017	9	24	0030		A3E						ASIAN	QG62an	WIA	VK4TJ
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28965,0	100	2017	9	30	0830		P0N				IRN		OTHR, BURSTS	QG62an	WIA	VK4TJ
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29015,0	6	2017	9	11	0055		A3E						ASIAN	QG62an	WIA	VK4TJ
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29035,0	6	2017	9	30	0835		A3E						ASIAN	QG62an	WIA	VK4TJ
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29045,0	6	2017	9	11	0115		A3E						ASIAN	QG62an	WIA	VK4TJ
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29075,0	8	2017	9	15	0150		F3E						ASIAN	QG62an	WIA	VK4TJ
29085,0	6	2017	9	30	0840		A3E						ASIAN	QG62an	WIA	VK4TJ
29087,5	8	2017	9	15	0245		F3E						ASIAN	QG62an	WIA	VK4TJ
29100,0	8	2017	9	15	0150		F3E						ASIAN	QG62an	WIA	VK4TJ
29111,0	3	2017	9	11	0055		J3E/U						ASIAN, NOT CHINESE	QG62an	WIA	VK4TJ
29112,5	8	2017	9	15	0230		F3E						ASIAN	QG62an	WIA	VK4TJ
29125,0	8	2017	9	15	0230		F3E						ASIAN	QG62an	WIA	VK4TJ
29150,0	8	2017	9	15	0230		F3E						ASIAN	QG62an	WIA	VK4TJ
29162,5	8	2017	9	15	0230		F3E						ASIAN	QG62an	WIA	VK4TJ
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29212,5	8	2017	9	15	0220		F3E						ASIAN	QG62an	WIA	VK4TJ
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29237,5	8	2017	9	26	0230		F3E						ASIAN	QG62an	WIA	VK4TJ
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29262,5	8	2017	9	15	0220		F3E						ASIAN	QG62an	WIA	VK4TJ
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29312,5	8	2017	9	15	0210		F3E						ASIAN	QG62an	WIA	VK4TJ
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29337,5	8	2017	9	15	0220		F3E						ASIAN	QG62an	WIA	VK4TJ
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29412,5	8	2017	9	15	0205		F3E						ASIAN	QG62an	WIA	VK4TJ
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29435,0	6	2017	9	11	0110		A3E						ASIAN	QG62an	WIA	VK4TJ
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29450,0	8	2017	9	15	0205		F3E						ASIAN	QG62an	WIA	VK4TJ
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29475,0	8	2017	9	15	0205		F3E						ASIAN	QG62an	WIA	VK4TJ
29487,5	8	2017	9	15	0155		F3E						ASIAN	QG62an	WIA	VK4TJ
29500,0	8	2017	9	11	0020		F3E						ASIAN	QG62an	WIA	VK4TJ
29512,5	8	2017	9	15	0200		F3E						ASIAN	QG62an	WIA	VK4TJ
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29555,0	6	2017	9	11	0110		A3E						ASIAN	QG62an	WIA	VK4TJ
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29575,0	8	2017	9	11	0115		F3E						ASIAN	QG62an	WIA	VK4TJ
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29662,5	8	2017	9	15	0200		F3E						ASIAN	QG62an	WIA	VK4TJ
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29687,5	8	2017	9	26	0230		F3E						ASIAN	QG62an	WIA	VK4TJ
29700,0	8	2017	9	11	0400		F3E						ASIAN	QG62an	WIA	VK4TJ

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