



INTERNATIONAL AMATEUR RADIO
UNION

REGION THREE

MONITORING SYSTEM NEWS LETTER



March 2017

Titon Dutono, YB3PET

Reports for March 2017 were received from the JARL, NZART and WIA

For period of 2017 March there were 75 observations from JARL, 15 observations from NZART, and also there were 540 observations from WIA. By this month sampling, there were total 630 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
		G7D	RUS	Russian CIS-12 AT3004D Modem S8 continuous encrypted
		PXX	UNID	OTHR
		A1A	UNID	Continuous signal – Jamming signal
		PXX	unknown	unknown pulse only JM or PXX
		J3E	INS	Indonesian language
		A1A	UNID	DITS – JAMMING SIGNAL
		VXX	UNID	CODAR
		PON	UNID	OTHR
3.	20m	PXX	UNID	OTHR
		PON	UNID	OTHR, BURSTS, SLOW PULSE RATE
4.	15m	PON	UNID	OTHR bursts
		J3E/L	INS	3RD HARMONIC OF YB INTRUDER
5.	12m	VXX	UNID	CODAR-like sweeps
6.	10m	A3E	UNID	Asian country
		F3E	UNID	Asian country
		OTHR	IRN	OTHR

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: 75 observations

kHz	BW	YYYY	MM	DD	UTC	Emm	Bd	Sft	Hdg	ADM	ID		Grid	Society
3498.0	0.5	2017	03	07	12:08	A1A						train of "I"	PM84XT	JARL
3499.0	0.5	2017	03	21	12:16	A1A						train of "I"	PM84XT	JARL
3500.0	0.5	2017	03	07	12:09	A1A						train of "I"	PM84XT	JARL
3501.0	0.5	2017	03	21	12:16	A1A						train of "I"	PM84XT	JARL
3505.0	0.5	2017	03	21	12:16	A1A						train of "I"	PM84XT	JARL
3510.0	0.5	2017	03	07	12:10	A1A						train of "I"	PM84XT	JARL
3532.0	0.5	2017	03	28	12:30	A1A						Signal of rhythm	PM84XT	JARL
3533.0	0.5	2017	03	21	12:15	A1A						Signal of rhythm	PM84XT	JARL
7038	3	2017	03	20	1818	F1B			non	non	non	now on air	PM 97	JARL
7038	2	2017	03	25	1114	PXX			non	non	non	unkown puls only JM or PXX	PM 97	JARL
7038	2	2017	03	25	1206	PXX			non	non	non	unkown puls only JM or PXX	PM 97	JARL
7038	2	2017	03	25	1304	PXX			non	non	non	unkown puls only JM or PXX	PM 97	JARL
7039	0.5	2017	03	05	1010	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2017	03	05	1100	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2017	03	05	1210	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2017	03	05	1300	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2017	03	09	1130	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2017	03	09	1200	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2017	03	09	1304	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2017	03	09	1402	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2017	03	09	1502	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2017	03	09	1600	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2017	03	22	1100	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2017	03	22	1200	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2017	03	22	1306	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2017	03	22	1404	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2017	03	24	1200	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2017	03	24	1302	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2017	03	24	1402	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2017	03	25	1110	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2017	03	25	1202	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2017	03	25	1302	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2017	03	25	1500	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2017	03	26	1110	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2017	03	26	1202	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2017	03	26	1304	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2017	03	26	1450	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2017	03	27	1120	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2017	03	27	1204	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2017	03	27	1410	A1A			15	RUS	M--signal	Beacon	PM 97	JARL

7039	0.5	2017	03	28	1204	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2017	03	28	1402	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2017	03	28	1520	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2017	03	29	1130	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2017	03	29	1210	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2017	03	29	1420	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2017	03	30	1120	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2017	03	30	1210	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2017	03	30	1304	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7042.0	3.0	2017	03	21	12:15	A1A						Signal of rhythm	PM84XT	JARL
7069	3	2017	03	24	1502	PXX			non	non	non	unkown puls only JM or PXX	PM 97	JARL
7069	3	2017	03	24	1506	PXX			non	non	non	unkown puls only JM or PXX	PM 97	JARL
7069	3	2017	03	25	1118	PXX			non	non	non	unkown puls only JM or PXX	PM 97	JARL
7069	3	2017	03	25	1210	PXX			non	non	non	unkown puls only JM or PXX	PM 97	JARL
7069	3	2017	03	25	1306	PXX			non	non	non	unkown puls only JM or PXX	PM 97	JARL
7069	3	2017	03	25	1504	PXX			non	non	non	unkown puls only JM or PXX	PM 97	JARL
7070	3	2017	03	08	1224	A3E			non	non	non	unkown talk and music	PM 97	JARL
7070	3	2017	03	14	1156	A3E			non	non	non	unkown talk and music	PM 97	JARL
7070	4	2017	03	14	1210	A3E			non	non	non	unkown talk and music	PM 97	JARL
7070	3	2017	03	20	1822	F1B			non	non	non	now on air	PM 97	JARL
7070	3	2017	03	23	1130	F1B			non	non	non	now on air IDL only	PM 97	JARL
7070	3	2017	03	23	1202	F1B			non	non	non	now on air IDL only	PM 97	JARL
7070	3	2017	03	23	1310	F1B			non	non	non	now on air IDL only	PM 97	JARL
7070	3	2017	03	23	1400	F1B			non	non	non	now on air IDL only	PM 97	JARL
7070	3	2017	03	24	1204	F1B			non	non	non	now on air	PM 97	JARL
7070	3	2017	03	24	1308	F1B			non	non	non	now on air	PM 97	JARL
7070	3	2017	03	24	1406	F1B			non	non	non	now on air	PM 97	JARL
7078.0	3.0	2017	03	28	12:15	A1A						Signal of rhythm	PM84XT	JARL
7113.0	10.0	2017	03	21	12:35	Jamming						Signal RS:59	PM84XT	JARL
7115	3	2017	03	31	1520	F1B			non	non	non	now on air	PM 97	JARL
7120	5	2017	03	11	1816	A3E			non	non	non	unkown talk and music	PM 97	JARL
7120	3	2017	03	17	1820	A3E			non	non	non	unkown talk and music	PM 97	JARL
7120	3	2017	03	20	1826	A3E			non	non	non	unkown talk and music	PM 97	JARL
7130	3	2017	03	08	1236	A3E			non	non	non	unkown talk and music	PM 97	JARL
7177	3	2017	03	13	1310	PXX			non	non	non	unkown puls only JM or PXX	PM 97	JARL

NZART: 15 observations

kHz	BW	YYYY	MON	DD	GMT	UTC	Emm	Bd	Sft	HDG	ADM	ID	Description	Grid	Society
7039.5		2017	03	13	<0527>	0527	A1A				RUS	M	Russian Beacon CW "M" Mageden RTS	RF73MF	ZL1GWE
7099		2017	03	12	<1924>	1924	F1B	120	250		RUS	Unid	Russian REA4 F1B Encrypted and idling	RF73MF	ZL1GWE
7050		2017	03	20	<1753.	1753	F1B	50	500		RUS	Unid	F1B RTTY continuous encrypted S4 CIS-36-50 Normal	RF73MF	ZL1GWE

7174.5	35	2017	03	22	<1742>	1742	PXX				CHN	Unid	OTHR 16 PPs continuous S4 Chinese source	RF73MF	ZL1GWE
7175.5		2017	03	12	<1752>	1752-1902	G7D				RUS	Unid	Russian CIS-12 AT3004D Modem S8 continuous encrypted	Rf73MF	ZL1GWE
14253		2017	03	13	<0554>	0554	F1B	75	235		RUS	Unid	RTTY CIS 35-50 inverse BEE-36 or T-600 encrypted	RF73MF	ZL1GWE
14255.5	11	2017	03	22	<0658>	0658	PXX				?	Unid	OTHR 66 pps 3.9 second bursts S8 very strong	RF73MF	ZL1GWE
14337.5	11	2017	03	22	<0658>	0658	PXX				?	Und	OTHR 66 pps 3.9 second bursts S8 very strong	RF73MF	ZL1GWE
21005		2017	03	07	<0700>	0700	N0N				?	AUS	Australian Navy Garden City Carrier - licensed to transit on 21005	RF73HM	ZL3CX
21177	10	2017	03	22	<0656>	0656	PXX				?	Unid	OTHR 42 pps 6.2 second bursts S8 moving up and down the band	RF73MF	ZL1GWE
21229.5	19	2017	03	13	<0627>	0627	PXX				?	Unid	OTHR S5 6.1 second bursts 42 pps	RF73MF	ZL1GWE
21329.5	11	2017	03	21	<0620>	0629	PXX				?	Unid	OTHR S8 42 pps 6.1 second bursts 37 seconds between bursts	RF73MF	ZL1GWE
21345.5	11	2017	03	05	<0616>	0616-0622	PXX				?	Unid	OTHR 43-44 pps 6.25 second bursts S7		
21279.5	19	2017	03	05	<0622>	0622	PXX				?	Unid	OTHR 43-44 pps 6.25 second bursts S7	RF73MF	ZL1GWE
21427	10	2017	03	13	<0541>	0541	PXX				?	Unid	OTHR variable PPS 39, 40 & 44 S4 bursts 6.3 seconds long	RF73MF	ZL1GWE

WIA: 540 observations

Freq kHz	BW	YYYY	MM	DD	GMT	UTC	Emm	Bd	Sft	Hdg	ADM	ID	Description	Grid	Society	Notes
3500,4		2017	3	1	1905		A1A						DITS – JAMMING SIGNAL	QG62an	WIA	VK4TJ
3500,5	1	2017	3	3	1935		F1A						DAILY	QG62an	WIA	VK4TJ
3502,8		2017	3	27	1935		A1A						DITS – JAMMING SIGNAL	QG62an	WIA	VK4TJ
3504,8		2017	3	1	1905		A1A						DITS – JAMMING SIGNAL	QG62an	WIA	VK4TJ
3505,0	1	2017	3	11	2010		F1B						SELCALL TONES	QG62an	WIA	VK4TJ
3508,4		2017	3	27	1935		A1A						DITS – JAMMING SIGNAL	QG62an	WIA	VK4TJ
3509,8		2017	3	27	1935		A1A						DITS – JAMMING SIGNAL	QG62an	WIA	VK4TJ
3535,0	60	2017	3	2	1950		P0N						OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
3548,0	1	2017	3	3	1935		F1B		250				CONTINUOUS	QG62an	WIA	VK4TJ
3554,0	5	2017	3	5	1955		G7D						DOZENS OF SUBCARRIERS ON CLOSE INTERVALS	QG62an	WIA	VK4TJ
3561,0	5	2017	3	22	1915		G7D						RHYTHMIC BURSTS	QG62an	WIA	VK4TJ
3568,0	1	2017	3	5	1955		F1B		250				CONTINUOUS	QG62an	WIA	VK4TJ
3580,0	5	2017	3	22	1920		G7D						CONTINUOUS	QG62an	WIA	VK4TJ
3585,0	3	2017	3	1	1850		J1C				KOR	HLL2	DAILY, FAX	QG62an	WIA	VK4TJ
3598,0		2017	3	22	1920		A1A						MIXED NUMBER/LETTER CIPHER - Chirpy	QG62an	WIA	VK4TJ

3601,0	5	2017	3	1	1845		G7D						DOZENS OF SUBCARRIERS ON CLOSE INTERVALS	QG62an	WIA	VK4TJ
3603,0	5	2017	3	1	1845		G7D						DOZENS OF SUBCARRIERS ON CLOSE INTERVALS	QG62an	WIA	VK4TJ
3622,5	3	2017	3	1	1845		J1C				JPN	JMH	DAILY, FAX	QG62an	WIA	VK4TJ
3642,0		2017	3	3	1940		A1A					3A7D	CALLING DKG6	QG62an	WIA	VK4TJ
3644,0		2017	3	22	1920		A1A						MIXED NUMBER/LETTER CIPHER - Chirpy	QG62an	WIA	VK4TJ
3644,0	3	2017	3	5	2000		J3E/U						ASIAN, NO CALLS – EVER	QG62an	WIA	VK4TJ
3654,0	3	2017	3	22	1920		J1C						FAX	QG62an	WIA	VK4TJ
3658,0		2017	3	1	1850		A1A				RUS	V	DAILY, BEACON	QG62an	WIA	VK4TJ
3660,0	50	2017	3	1	1855		P0N						OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
3685,0	5	2017	3	1	1845		G7D						DOZENS OF SUBCARRIERS ON CLOSE INTERVALS	QG62an	WIA	VK4TJ
3697,0	5	2017	3	22	1925		G7D						DOZENS OF SUBCARRIERS ON CLOSE INTERVALS	QG62an	WIA	VK4TJ
3700,0	60	2017	3	1	1850		P0N						OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
3777,0		2017	3	1	1845		A1A					RIS9	CALLING M8JF	QG62an	WIA	VK4TJ
3780,0		2017	3	2	1955		A1A						MIXED NUMBER/LETTER CIPHER	QG62an	WIA	VK4TJ
3791,5		2017	3	3	1940		A1A						MIXED NUMBER/LETTER CIPHER	QG62an	WIA	VK4TJ
3797,0		2017	3	2	1955		A1A						MIXED NUMBER/LETTER CIPHER	QG62an	WIA	VK4TJ
3801,0	5	2017	3	1	1840		G7D						DOZENS OF SUBCARRIERS ON CLOSE INTERVALS	QG62an	WIA	VK4TJ
6950,0	120	2017	3	5	1930		P0N						CONTINUOUS, SLOW PULSE RATE	QG62an	WIA	VK4TJ
6975,0	50	2017	3	1	1920		P0N						CONTINUOUS, SLOW PULSE RATE	QG62an	WIA	VK4TJ
7000,0	2	2017	3	10	1955		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
7000,0	3	2017	3	16	0855		J4E/U				INS		BAHASA MUSIC	QG62an	WIA	VK4TJ
7000,0	3	2017	3	1	0905		J3E/U				INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7000,0	1	2017	3	10	2005		F1B		250				IDLING	QG62an	WIA	VK4TJ
7005,0	3	2017	3	1	0935		J3E/L				INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7005,0	3	2017	3	1	0905		J3E/U				INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7010,0	3	2017	3	1	0935		J3E/L				INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7010,0	3	2017	3	1	0935		J3E/U				INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7011,0	1	2017	3	1	2120		F1B						SELCALL TONES	QG62an	WIA	VK4TJ
7011,6	3	2017	3	3	1950		J3E/U						ASIAN	QG62an	WIA	VK4TJ
7015,0	3	2017	3	1	0935		J3E/L				INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7015,0	3	2017	3	1	0935		J3E/U				INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7018,0	5	2017	3	24	0935		G1D						BROAD PSK	QG62an	WIA	VK4TJ
7020,0	3	2017	3	1	0905		J3E/L				INS		DAILY, VILLAGE RADIO, CHANTING	QG62an	WIA	VK4TJ
7020,0	3	2017	3	1	0950		J3E/U				INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7022,0	3	2017	3	16	0855		J3E/L				INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7025,0	3	2017	3	1	0905		J3E/L				INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7025,0	3	2017	3	1	0930		J3E/U				INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7030,0	5	2017	3	5	1935		G1D						BROAD PSK	QG62an	WIA	VK4TJ

7030,0	3	2017	3	1	0915		J3E/L				INS		DAILY, VILLAGE RADIO, CHANTING	QG62an	WIA	VK4TJ
7030,0	3	2017	3	1	0905		J3E/U				INS		DAILY, VILLAGE RADIO, CHANTING	QG62an	WIA	VK4TJ
7033,3	3	2017	3	22	1930		J3E/U						ASIAN, SOUNDS CHINESE	QG62an	WIA	VK4TJ
7035,0	3	2017	3	1	0910		J3E/L				INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7035,0	3	2017	3	19	2005		J3E/U						ASIAN, SOUNDS VIET OR KHMER	QG62an	WIA	VK4TJ
7039,3		2017	3	1	0910		A1A				RUS	D	DAILY, BEACON	QG62an	WIA	VK4TJ
7039,4		2017	3	1	0910		A1A				RUS	M	DAILY, BEACON	QG62an	WIA	VK4TJ
7045,0	1	2017	3	25	2100		F1B						SELCALL TONES	QG62an	WIA	VK4TJ
7050,0	2	2017	3	31	0635		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
7050,0	3	2017	3	20	2130		J3E/U						ASIAN, NOT CHINESE	QG62an	WIA	VK4TJ
7051,0	5	2017	3	20	2135		G7D						DOZENS OF SUBCARRIERS ON CLOSE INTERVALS - Short bursts	QG62an	WIA	VK4TJ
7055,5	3	2017	3	22	1955		J3E/U						CHINESE	QG62an	WIA	VK4TJ
7056,0	3	2017	3	20	2145		J3E/U						ASIAN, NOT CHINESE	QG62an	WIA	VK4TJ
7070,0	2	2017	3	23	1005		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
7070,0	40	2017	3	6	1925		VXX						CODAR	QG62an	WIA	VK4TJ
7075,0	50	2017	3	22	1910		P0N						OTHR	QG62an	WIA	VK4TJ
7080,0	3	2017	3	22	1955		J3E/U						SOUNDS ARABIC	QG62an	WIA	VK4TJ
7090,0	40	2017	3	1	1910		VXX						CODAR	QG62an	WIA	VK4TJ
7103,0	1	2017	3	13	0940		F1B		250				BURSTS	QG62an	WIA	VK4TJ
7104,0	1	2017	3	5	1935		F1B						SELCALL TONES	QG62an	WIA	VK4TJ
7105,0	1	2017	3	9	2000		F1B		250				BURSTS	QG62an	WIA	VK4TJ
7106,1	3	2017	3	3	1950		J3E/U						ASIAN FISHBOATS	QG62an	WIA	VK4TJ
7108,0	1	2017	3	1	1840		F1B		250				BURSTS	QG62an	WIA	VK4TJ
7109,0	5	2017	3	11	2025		G7D						RHYTHMIC BURSTS	QG62an	WIA	VK4TJ
7110,0	40	2017	3	8	2010		VXX						CODAR	QG62an	WIA	VK4TJ
7110,0	1	2017	3	6	1005		F1B		250				BURSTS	QG62an	WIA	VK4TJ
7110,0	3	2017	3	12	626		J3E/L						English speaking	QF23on	WIA	VK4FNQS
7111,0	1	2017	3	20	1010		F1B		250				BURSTS	QG62an	WIA	VK4TJ
7112,0	1	2017	3	2	2020		F1B		250				BURSTS	QG62an	WIA	VK4TJ
7112,0	3	2017	3	28	2000		G7D						RHYTHMIC BURSTS	QG62an	WIA	VK4TJ
7114,0	1	2017	3	1	1840		F1B		250				BURSTS	QG62an	WIA	VK4TJ
7120,0	8	2017	3	1	1835		A3E				SOM		RADIO HARGEISA	QG62an	WIA	VK4TJ
7132,0	3	2017	3	6	1005		J3E/U				INS		BAHASA, SINGING	QG62an	WIA	VK4TJ
7135,0	1	2017	3	6	1005		F1B						SELCALL TONES	QG62an	WIA	VK4TJ
7141,0	1	2017	3	1	1835		F1B		250				BURSTS	QG62an	WIA	VK4TJ
7144,0	1	2017	3	1	1835		F1B		250				BURSTS	QG62an	WIA	VK4TJ
7145,0	8	2017	3	6	1920		A3E				ERI		RADIO ERITREA	QG62an	WIA	VK4TJ
7150,0	50	2017	3	28	1945		P0N						OTHR	QG62an	WIA	VK4TJ
7151,0	1	2017	3	22	1910		F1B						SELCALL TONES	QG62an	WIA	VK4TJ
7159,0	1	2017	3	19	2010		F1B						SELCALL TONES	QG62an	WIA	VK4TJ
7168,5	1	2017	3	10	0910		F1B		250				BURSTS	QG62an	WIA	VK4TJ

7170,0	40	2017	3	9	2005		VXX						CODAR	QG62an	WIA	VK4TJ
7175,0	50	2017	3	22	1910		P0N						OTHR	QG62an	WIA	VK4TJ
7175,0	8	2017	3	6	1920		A3E				ERI		RADIO ERITREA	QG62an	WIA	VK4TJ
7176,0	5	2017	3	6	1930		G7D						DOZENS OF SUBCARRIERS ON CLOSE INTERVALS	QG62an	WIA	VK4TJ
7176,0	3	2017	3	14	<0900 - 1000>		G7D						12x120Bd BPSK	QF22md	WIA	VK3MV
7177,0	3	2017	3	27	0825		J3E/U						ASIAN	QG62an	WIA	VK4TJ
7180,0	3	2017	3	1	2115		J3E/U						ASIAN	QG62an	WIA	VK4TJ
7185,0	5	2017	3	3	1950		G7D						DOZENS OF SUBCARRIERS ON CLOSE INTERVALS	QG62an	WIA	VK4TJ
7186,0	5	2017	3	31	0945		G7D						DOZENS OF SUBCARRIERS ON CLOSE INTERVALS	QG62an	WIA	VK4TJ
7193,4	3	2017	3	1	2115		J3E/U						DAILY, ASIAN	QG62an	WIA	VK4TJ
7195,0	5	2017	3	9	2005		G1D						BROAD PSK	QG62an	WIA	VK4TJ
7210,0	2	2017	3	6	1940		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
7243,6		2017	3	28	0915		A1A						DITS – JAMMING SIGNAL	QG62an	WIA	VK4TJ
7247,0		2017	3	28	0915		A1A						DITS – JAMMING SIGNAL	QG62an	WIA	VK4TJ
7250,6		2017	3	28	0915		A1A						DITS – JAMMING SIGNAL	QG62an	WIA	VK4TJ
7257,2		2017	3	7	1010		A1A						DITS – JAMMING SIGNAL	QG62an	WIA	VK4TJ
7259,0		2017	3	6	1015		A1A						DITS – JAMMING SIGNAL	QG62an	WIA	VK4TJ
7261,9		2017	3	6	1015		A1A						DITS – JAMMING SIGNAL	QG62an	WIA	VK4TJ
7265,2		2017	3	6	1015		A1A						DITS – JAMMING SIGNAL	QG62an	WIA	VK4TJ
7267,0		2017	3	6	1015		A1A						DITS – JAMMING SIGNAL	QG62an	WIA	VK4TJ
7268,5		2017	3	6	1015		A1A						DITS – JAMMING SIGNAL	QG62an	WIA	VK4TJ
7270,0	10	2017	3	5	1940		P0N						JAMMING SIGNAL	QG62an	WIA	VK4TJ
7270,2		2017	3	6	1010		A1A						DITS – JAMMING SIGNAL	QG62an	WIA	VK4TJ
7271,5		2017	3	6	1010		A1A						DITS – JAMMING SIGNAL	QG62an	WIA	VK4TJ
7273,4		2017	3	6	1010		A1A						DITS – JAMMING SIGNAL	QG62an	WIA	VK4TJ
7276,5		2017	3	6	1010		A1A						DITS – JAMMING SIGNAL	QG62an	WIA	VK4TJ
7278,5		2017	3	6	1010		A1A						DITS – JAMMING SIGNAL	QG62an	WIA	VK4TJ
7280,0		2017	3	6	1010		A1A						DITS – JAMMING SIGNAL	QG62an	WIA	VK4TJ
7281,5		2017	3	6	1010		A1A						DITS – JAMMING SIGNAL	QG62an	WIA	VK4TJ
7282,2		2017	3	6	1010		A1A						DITS – JAMMING SIGNAL	QG62an	WIA	VK4TJ
7283,2		2017	3	7	1010		A1A						DITS – JAMMING SIGNAL	QG62an	WIA	VK4TJ
7284,0		2017	3	6	1010		A1A						MIXED NUMBER/LETTER CIPHER	QG62an	WIA	VK4TJ
7285,0		2017	3	6	1010		A1A						DITS – JAMMING SIGNAL	QG62an	WIA	VK4TJ
7288,5		2017	3	6	1010		A1A						DITS – JAMMING SIGNAL	QG62an	WIA	VK4TJ
7291,6		2017	3	28	0915		A1A						DITS – JAMMING SIGNAL	QG62an	WIA	VK4TJ
10125,0	50	2017	3	4	2035		P0N						OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
10130,0	10	2017	3	9	2205		P0N						OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
10140,0	9	2017	3	6	1015		A3E				NKR		RADIO PYONGYANG	QG62an	WIA	VK4TJ
10140,0	2	2017	3	3	2005		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
10140,0	20	2017	3	3	2100		P0N						OTHR – MACHINE GUN SOUND	QG62an	WIA	VK4TJ
13980,0	200	2017	3	20	0940		F3E				CHN		JAMMING OF “SOUND OF HOPE”	QG62an	WIA	VK4TJ

13999,0	3	2017	3	29	2335		J3E/U						ASIAN	QG62an	WIA	VK4TJ
14000,0	3	2017	3	3	0905		J3E/U						ASIAN, SOUNDS CHINESE	QG62an	WIA	VK4TJ
14005,5	3	2017	3	3	0950		J3E/U						ASIAN	QG62an	WIA	VK4TJ
14008,0	1	2017	3	1	0550		F1B		250				CONTINUOUS	QG62an	WIA	VK4TJ
14013,0	5	2017	3	3	0815		G7D						DOZENS OF SUBCARRIERS ON CLOSE INTERVALS	QG62an	WIA	VK4TJ
14015,5	3	2017	3	27	0830		J3E/L						ASIAN	QG62an	WIA	VK4TJ
14018,0	3	2017	3	27	0835		G7D						RHYTHMIC BURSTS	QG62an	WIA	VK4TJ
14018,0	10	2017	3	23	2200		G7D						DOZENS OF SUBCARRIERS ON CLOSE INTERVALS	QG62an	WIA	VK4TJ
14040,5	3	2017	3	12	2330		J3E/U						ASIAN	QG62an	WIA	VK4TJ
14043,8	3	2017	3	4	0925		J3E/L						ASIAN	QG62an	WIA	VK4TJ
14044,0	1	2017	3	21	1005		F1B						SELCALL TONES	QG62an	WIA	VK4TJ
14045,0	1	2017	3	22	0855		F1B		250				BURSTS	QG62an	WIA	VK4TJ
14046,0	3	2017	3	9	0910		J3E/U						ASIAN	QG62an	WIA	VK4TJ
14048,0	3	2017	3	1	0140		J3E/U				PHL		DAILY, TAGALOG SPEAKERS	QG62an	WIA	VK4TJ
14050,0	2	2017	3	20	0830		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
14050,0	6	2017	3	24	<0000 - 0100>		G7D						Multiplex	QF22md	WIA	VK3MV
14051,0	1	2017	3	1	0130		F1B						SELCALL TONES	QG62an	WIA	VK4TJ
14052,0	10	2017	3	23	2200		G7D						DOZENS OF SUBCARRIERS ON CLOSE INTERVALS	QG62an	WIA	VK4TJ
14052,0	3	2017	3	30	0200		J3E/U						ASIAN	QG62an	WIA	VK4TJ
14053,6	3	2017	3	23	0230		J3E/U						ASIAN	QG62an	WIA	VK4TJ
14056,7	3	2017	3	5	2255		J3E/L						ASIAN	QG62an	WIA	VK4TJ
14057,0	3	2017	3	6	2305		J3E/L						SPANISH SPEAKERS	QG62an	WIA	VK4TJ
14058,6	3	2017	3	28	0845		J3E/U						ASIAN, SOUNDS CHINESE	QG62an	WIA	VK4TJ
14060,0	15	2017	3	1	0255		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14060,0	10	2017	3	2	0740		P0N						OTHR, CONTINUOUS, SLOW PULSE RATE	QG62an	WIA	VK4TJ
14064,8	3	2017	3	4	0930		J3E/U						ASIAN	QG62an	WIA	VK4TJ
14065,0	3	2017	3	3	0910		J3E/L						ASIAN	QG62an	WIA	VK4TJ
14067,7		2017	3	13	0930		A1A						MIXED NUMBER/LETTER CIPHER	QG62an	WIA	VK4TJ
14070,0	3	2017	3	27	0830		J3E/U						ASIAN	QG62an	WIA	VK4TJ
14088,0	10	2017	3	23	2200		G7D						DOZENS OF SUBCARRIERS ON CLOSE INTERVALS	QG62an	WIA	VK4TJ
14100,0	3	2017	3	21	0335		J3E/U						ASIAN	QG62an	WIA	VK4TJ
14105,0	20	2017	3	2	0255		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14110,0	2	2017	3	21	1020		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
14110,0	20	2017	3	21	1020		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14110,0	1	2017	3	21	1020		F1B						SELCALL TONES	QG62an	WIA	VK4TJ
14114,0	3	2017	3	4	0910		J3E/U						ASIAN. NO CALLS – EVER	QG62an	WIA	VK4TJ
14120,0	15	2017	3	2	0220		P0N						OTHR, BURSTS. 2 PULSE RATES	QG62an	WIA	VK4TJ
14130,0	20	2017	3	8	0830		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14148,1	3	2017	3	21	0940		J3E/U						ASIAN, FAMILY NET No calls	QG62an	WIA	VK4TJ

14151,6	3	2017	3	23	0100		J3E/U						ASIAN - No callsigns	QG62an	WIA	VK4TJ
14153,1	3	2017	3	13	0755		J3E/U						ASIAN- no callsigns	QG62an	WIA	VK4TJ
14160,0	20	2017	3	7	0110		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14165,0	20	2017	3	4	0210		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14170,0	2	2017	3	21	0940		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
14171,6	3	2017	3	24	1020		J3E/U						ASIAN - no callsigns	QG62an	WIA	VK4TJ
14175,0	10	2017	3	23	2205		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14180,0	20	2017	3	28	0835		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14180,0	1	2017	3	1	0515		F1B		250				CONTINUOUS	QG62an	WIA	VK4TJ
14200,0	100	2017	3	9	0105		P0N						OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
14201,5	3	2017	3	22	0855		G7D						+ F1B + A1A (DITS)	QG62an	WIA	VK4TJ
14205,0	20	2017	3	10	0830		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14214,0		2017	3	6	0750		A1A						MIXED NUMBER/LETTER CIPHER	QG62an	WIA	VK4TJ
14221,0	1	2017	3	1	0555		F1B		250				IDLING	QG62an	WIA	VK4TJ
14225,0	20	2017	3	21	0140		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14225,0	160	2017	3	8	0240		P0N						OTHR, SLOW PULSE RATE	QG62an	WIA	VK4TJ
14226,7	3	2017	3	20	0845		J3E/L						ASIAN	QG62an	WIA	VK4TJ
14240,0	1	2017	3	17	1020		F1B		250				CONTINUOUS	QG62an	WIA	VK4TJ
14240,0	40	2017	3	17	0855		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14242,4	3	2017	3	12	2345		J3E/U						ASIAN, NO CALLS – EVER	QG62an	WIA	VK4TJ
14245,0	10	2017	3	27	0225		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14245,0	20	2017	3	20	0420		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14250,0	20	2017	3	17	0825		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14253,0	1	2017	3	27	0850		F1B		250				CONTINUOUS	QG62an	WIA	VK4TJ
14260,0	160	2017	3	7	0940		P0N						OTHR, SLOW PULSE RATE	QG62an	WIA	VK4TJ
14260,0	20	2017	3	6	0240		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14261,0	5	2017	3	16	0850		G7D						DOZENS OF SUBCARRIERS ON CLOSE INTERVALS	QG62an	WIA	VK4TJ
14268,3	3	2017	3	27	0855		J3E/L						ASIAN, NOT CHINESE	QG62an	WIA	VK4TJ
14270,0	20	2017	3	13	0315		P0N						OTHR, BURSTS, SLOW PULSE RATE	QG62an	WIA	VK4TJ
14275,0	20	2017	3	13	0315		P0N						OTHR, BURSTS, SLOW PULSE RATE	QG62an	WIA	VK4TJ
14280,0	20	2017	3	17	0830		P0N						OTHR, BURSTS, SLOW PULSE RATE	QG62an	WIA	VK4TJ
14280,0	10	2017	3	21	<0635-0700>		P0N						66pps Bursts 6.3 secs every 40 secs	QF22md	WIA	VK3MV
14285,0	20	2017	3	13	0315		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14286,6	3	2017	3	4	0915		J3E/U						ASIAN, SOUNDS CHINESE	QG62an	WIA	VK4TJ
14290,0	20	2017	3	27	0855		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14295,0	12	2017	3	20	0845		A3E				TJK		RADIO TADJIKISTAN 3RD HARMONIC	QG62an	WIA	VK4TJ
14300,0	2	2017	3	1	0255		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
14304,0	1	2017	3	11	0855		F1B						SELCALL TONES	QG62an	WIA	VK4TJ
14305,0	20	2017	3	10	0830		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ

14307,2	3	2017	3	6	0810		J3E/L						ASIAN, SOUNDS CHINESE	QG62an	WIA	VK4TJ
14315,0	20	2017	3	21	0945		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14319,0	3	2017	3	22	0940		J3E/U						ASIAN, SOUNDS CHINESE, FAMILY NET	QG62an	WIA	VK4TJ
14320,0	20	2017	3	20	0415		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14321,0	5	2017	3	21	0020		G7D						DOZENS OF SUBCARRIERS ON CLOSE INTERVALS	QG62an	WIA	VK4TJ
14330,0	20	2017	3	10	0830		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14330,0	50	2017	3	26	<0930 - 1020>		A3J/H3J				CHN		Jamming signal over top B/C Stn	QF56if	WIA	SWL
14335,0	20	2017	3	2	0235		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14336,0	3	2017	3	17	0830		J3E/U						ASIAN, SOUNDS CHINESE	QG62an	WIA	VK4TJ
14340,0	150	2017	3	26	0925		F3E						CHINES VOICE POSSIBLY USED TO JAM SOUND OF HOPE	QG62an	WIA	VK4TJ
14340,0	20	2017	3	5	0145		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14349,0	3	2017	3	17	0830		J3E/U						ASIAN, SOUNDS CHINESE	QG62an	WIA	VK4TJ
14350,0	2	2017	3	22	1005		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
18079,0	1	2017	3	24	0105		F1B						SELCALL TONES	QG62an	WIA	VK4TJ
18079,0	3	2017	3	1	0120		J3E/L						ASIAN, SOUNDS CHINESE	QG62an	WIA	VK4TJ
18079,5	3	2017	3	22	0220		J3E/L						ASIAN, SOUNDS CHINESE	QG62an	WIA	VK4TJ
18088,0	3	2017	3	7	0000		J3E/L						ASIAN	QG62an	WIA	VK4TJ
18095,0	15	2017	3	1	0505		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
18109,0	1	2017	3	10	0610		F1B						SELCALL TONES	QG62an	WIA	VK4TJ
18110,0	2	2017	3	28	0145		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
18118,0	3	2017	3	29	2340		J3E/U						ASIAN FISHBOATS, ENGINE NOISE	QG62an	WIA	VK4TJ
18119,0	3	2017	3	4	0900		G7D						RHYTHMIC BURSTS	QG62an	WIA	VK4TJ
18131,0	5	2017	3	13	0020		G7D						BURSTS, FOLLOWED BY F1B	QG62an	WIA	VK4TJ
18141,0	5	2017	3	27	0910		G1D						BROAD PSK	QG62an	WIA	VK4TJ
18155,0	100	2017	3	21	0950		P0N						OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
18165,0	5	2017	3	27	0910		G1D						BROAD PSK	QG62an	WIA	VK4TJ
18180,0	40	2017	3	10	0825		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21000,0	9	2017	3	18	0625		J3E/L				INS		3RD HARMONIC OF YB INTRUDER	QG62an	WIA	VK4TJ
21000,0	40	2017	3	8	0435		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21000,0	3	2017	3	11	2335		J3E/U						ASIAN	QG62an	WIA	VK4TJ
21000,0		2017	3	7	0400		N0N							QG62an	WIA	VK4TJ
21000,0	10	2017	3	5	0850		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21005,0		2017	3	7	0400		N0N							QG62an	WIA	VK4TJ
21010,0	20	2017	3	10	0315		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21015,0	9	2017	3	19	0730		J3E/L				INS		3RD HARMONIC OF YB INTRUDER	QG62an	WIA	VK4TJ
21020,0	20	2017	3	4	0140		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21025,0	2	2017	3	14	0455		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
21030,0	2	2017	3	19	0730		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
21035,0	20	2017	3	14	0455		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ

21040,0	20	2017	3	4	0110		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21045,0	9	2017	3	6	0330		J3E/L				INS		3RD HARMONIC OF YB INTRUDER	QG62an	WIA	VK4TJ
21060,0	2	2017	3	19	0755		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
21085,0	50	2017	3	13	0610		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21086,8	3	2017	3	5	0850		J3E/U						ASIAN, DISTORTED	QG62an	WIA	VK4TJ
21088,0	3	2017	3	8	0635		J3E/L				INS		BAHASA	QG62an	WIA	VK4TJ
21090,0	9	2017	3	19	0815		J3E/L				INS		3RD HARMONIC OF YB INTRUDER	QG62an	WIA	VK4TJ
21090,0	2	2017	3	8	0115		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
21090,0	40	2017	3	7	0435		P0N						OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
21095,0	20	2017	3	24	0520		P0N						OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
21097,0	1	2017	3	5	0855		F1B						SELCALL TONES	QG62an	WIA	VK4TJ
21105,0	9	2017	3	19	0720		J3E/L				INS		3RD HARMONIC OF YB INTRUDER	QG62an	WIA	VK4TJ
21111,1	3	2017	3	11	2355		J3E/U						ASIAN, DISTORTED	QG62an	WIA	VK4TJ
21120,0	40	2017	3	27	0915		P0N						OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
21121,6	3	2017	3	27	0510		J3E/L						ASIAN, NO CALLS – EVER	QG62an	WIA	VK4TJ
21125,0	20	2017	3	19	0710		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21130,0	40	2017	3	26	0840		P0N						OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
21130,0	20	2017	3	7	0330		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21138,7	3	2017	3	11	2355		J3E/U						ASIAN, DISTORTED	QG62an	WIA	VK4TJ
21145,0	2	2017	3	8	0300		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
21150,0	30	2017	3	4	0610		P0N						OTHR, CONTINUOUS, SLOW PULSE RATE	QG62an	WIA	VK4TJ
21156,0	3	2017	3	13	0145		J3E/U						ASIAN, SOUNDS CHINESE	QG62an	WIA	VK4TJ
21165,0	20	2017	3	1	0205		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21180,0	20	2017	3	1	0335		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21185,0	20	2017	3	13	0710		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21186,0	1	2017	3	27	0635		F1B						SELCALL TONES	QG62an	WIA	VK4TJ
21195,0	20	2017	3	3	0330		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21210,0	20	2017	3	9	0855		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21215,0	30	2017	3	31	0100		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21215,0	20	2017	3	28	0515		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21225,0	20	2017	3	28	0515		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21225,0	2	2017	3	28	0545		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
21230,0	2	2017	3	30	0545		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
21235,0	2	2017	3	30	0645		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
21235,0	20	2017	3	13	0710		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21240,0	2	2017	3	30	0705		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
21240,0	20	2017	3	4	0350		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21255,0	20	2017	3	1	0230		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21260,0	20	2017	3	5	0325		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21265,0	20	2017	3	6	0505		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21270,0	20	2017	3	28	0530		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21275,0	20	2017	3	7	0010		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21280,0	20	2017	3	10	0500		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21290,0	20	2017	3	3	0440		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ

21290,0	20	2017	3	20	0455		P0N						OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
21295,0	20	2017	3	1	0400		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21300,0	20	2017	3	1	0445		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21303,6	3	2017	3	17	0615		J3E/U						ASIAN, SOUNDS CHINESE	QG62an	WIA	VK4TJ
21305,0	2	2017	3	8	0430		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
21305,0	20	2017	3	4	0615		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21310,0	2	2017	3	7	0455		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
21310,0	20	2017	3	1	0400		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21312,7	3	2017	3	2	2310		J3E/L						ASIAN	QG62an	WIA	VK4TJ
21315,0	20	2017	3	19	0715		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21320,0	20	2017	3	3	0445		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21325,0	15	2017	3	10	0220		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21325,8	3	2017	3	28	0155		J3E/U						ASIAN, SOUNDS CHINESE	QG62an	WIA	VK4TJ
21330,0	15	2017	3	1	0410		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21335,0	20	2017	3	1	0455		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21337,0	3	2017	3	11	2345		J3E/U						ASIAN, SOUNDS CHINESE. DAILY	QG62an	WIA	VK4TJ
21340,0	20	2017	3	7	0610		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21341,0	3	2017	3	27	0640		J1C						FAX	QG62an	WIA	VK4TJ
21345,0	20	2017	3	5	0530		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21350,0	20	2017	3	5	0550		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21355,0	20	2017	3	1	0640		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21360,0	20	2017	3	5	0530		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21365,0	20	2017	3	28	0415		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21370,0	20	2017	3	6	0250		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21375,0	2	2017	3	14	0455		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
21375,0	20	2017	3	1	0345		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21380,0	20	2017	3	6	0135		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21385,0	20	2017	3	17	0625		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21385,0	20	2017	3	7	0610		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21385,0	35	2017	3	6	0200		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21390,0	20	2017	3	7	0330		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21395,0	20	2017	3	28	0435		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21405,0	8	2017	3	8	0315		A3E						SW BROADCAST SPUR	QG62an	WIA	VK4TJ
21405,0	9	2017	3	28	0205		J3E/L				INS		3RD HARMONIC OF YB INTRUDER	QG62an	WIA	VK4TJ
21405,0	2	2017	3	3	0440		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
21410,0	20	2017	3	6	0315		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21415,0	15	2017	3	5	0350		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21420,0	20	2017	3	3	0440		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21425,0	20	2017	3	1	0445		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21425,0	2	2017	3	3	0400		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
21430,0	20	2017	3	11	0740		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21435,0	20	2017	3	7	0005		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21440,0	20	2017	3	3	0440		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21445,0	15	2017	3	4	0050		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ

21450,0	20	2017	3	10	0235		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21455,0	20	2017	3	4	0615		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
24887,5	8	2017	3	23	0200		F3E						ASIAN	QG62an	WIA	VK4TJ
24912,5	8	2017	3	30	0055		F3E						ASIAN	QG62an	WIA	VK4TJ
24915,0	6	2017	3	21	0805		A3E						ASIAN	QG62an	WIA	VK4TJ
24915,0	2	2017	3	10	0545		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
24925,0	8	2017	3	10	0550		F3E						ASIAN	QG62an	WIA	VK4TJ
24927,0	1	2017	3	16	0035		F1B						SELCALL TONES	QG62an	WIA	VK4TJ
24930,0	40	2017	3	12	0815		VXX						CODAR	QG62an	WIA	VK4TJ
24935,0	6	2017	3	21	0805		A3E						ASIAN	QG62an	WIA	VK4TJ
24937,5	8	2017	3	17	0740		F3E						ASIAN	QG62an	WIA	VK4TJ
24950,0	8	2017	3	4	0640		F3E						ASIAN	QG62an	WIA	VK4TJ
24955,0	6	2017	3	21	0805		A3E						ASIAN	QG62an	WIA	VK4TJ
24962,5	8	2017	3	4	0640		F3E						ASIAN	QG62an	WIA	VK4TJ
24965,0	6	2017	3	21	0810		A3E						ASIAN	QG62an	WIA	VK4TJ
24975,0	8	2017	3	14	0615		F3E						ASIAN	QG62an	WIA	VK4TJ
24983,0		2017	3	28	0220		N0N							QG62an	WIA	VK4TJ
24987,5	8	2017	3	17	0740		F3E						ASIAN	QG62an	WIA	VK4TJ
28000,0	8	2017	3	4	0735		F3E						ASIAN	QG62an	WIA	VK4TJ
28005,0	6	2017	3	16	0730		A3E						ASIAN	QG62an	WIA	VK4TJ
28012,5	8	2017	3	4	0820		F3E						ASIAN	QG62an	WIA	VK4TJ
28015,0	6	2017	3	4	0820		A3E						ASIAN	QG62an	WIA	VK4TJ
28020,5	3	2017	3	24	0730		J3E/L						ASIAN, FAMILY NET	QG62an	WIA	VK4TJ
28025,0	8	2017	3	4	0825		F3E						ASIAN	QG62an	WIA	VK4TJ
28035,0	6	2017	3	14	0105		A3E						ASIAN	QG62an	WIA	VK4TJ
28037,5	8	2017	3	9	0405		F3E						ASIAN	QG62an	WIA	VK4TJ
28045,0	6	2017	3	8	0815		A3E						ASIAN	QG62an	WIA	VK4TJ
28050,0	8	2017	3	4	0740		F3E						ASIAN	QG62an	WIA	VK4TJ
28060,4	3	2017	3	23	0735		J3E/L						ASIAN	QG62an	WIA	VK4TJ
28062,5	8	2017	3	24	0235		F3E						ASIAN	QG62an	WIA	VK4TJ
28065,0	6	2017	3	5	0845		A3E						ASIAN	QG62an	WIA	VK4TJ
28075,0	8	2017	3	8	0815		F3E						ASIAN	QG62an	WIA	VK4TJ
28085,0	6	2017	3	5	0845		A3E						ASIAN	QG62an	WIA	VK4TJ
28087,5	8	2017	3	16	0350		F3E						ASIAN	QG62an	WIA	VK4TJ
28100,0	8	2017	3	5	0810		F3E						ASIAN	QG62an	WIA	VK4TJ
28105,0	6	2017	3	8	0810		A3E						ASIAN	QG62an	WIA	VK4TJ
28112,5	8	2017	3	16	0230		F3E						ASIAN	QG62an	WIA	VK4TJ
28115,0	6	2017	3	24	0240		A3E						ASIAN	QG62an	WIA	VK4TJ
28125,0	8	2017	3	4	0745		F3E						ASIAN	QG62an	WIA	VK4TJ
28135,0	6	2017	3	24	0730		A3E						ASIAN	QG62an	WIA	VK4TJ
28137,5	8	2017	3	4	0745		F3E						ASIAN	QG62an	WIA	VK4TJ
28145,0	6	2017	3	8	0810		A3E						ASIAN	QG62an	WIA	VK4TJ
28150,0	8	2017	3	4	0740		F3E						ASIAN	QG62an	WIA	VK4TJ
28155,0	6	2017	3	8	0810		A3E						ASIAN	QG62an	WIA	VK4TJ

28162,5	8	2017	3	4	0740		F3E						ASIAN	QG62an	WIA	VK4TJ
28165,0	6	2017	3	8	0810		A3E						ASIAN	QG62an	WIA	VK4TJ
28175,0	8	2017	3	4	0750		F3E						ASIAN	QG62an	WIA	VK4TJ
28185,0	6	2017	3	8	0810		A3E						ASIAN	QG62an	WIA	VK4TJ
28187,5	8	2017	3	23	0735		F3E						ASIAN	QG62an	WIA	VK4TJ
28195,0	6	2017	3	10	0630		A3E						ASIAN	QG62an	WIA	VK4TJ
28200,0	8	2017	3	5	0815		F3E						ASIAN	QG62an	WIA	VK4TJ
28205,0	6	2017	3	8	0805		A3E						ASIAN	QG62an	WIA	VK4TJ
28212,5	8	2017	3	15	0640		F3E						ASIAN	QG62an	WIA	VK4TJ
28215,0	6	2017	3	25	0605		A3E						ASIAN	QG62an	WIA	VK4TJ
28225,0	8	2017	3	8	0905		F3E						ASIAN	QG62an	WIA	VK4TJ
28235,0	6	2017	3	10	0635		A3E						ASIAN	QG62an	WIA	VK4TJ
28237,5	8	2017	3	15	0640		F3E						ASIAN	QG62an	WIA	VK4TJ
28250,0	8	2017	3	9	0415		F3E						ASIAN	QG62an	WIA	VK4TJ
28255,0	6	2017	3	8	0805		A3E						ASIAN	QG62an	WIA	VK4TJ
28262,5	8	2017	3	16	0235		F3E						ASIAN	QG62an	WIA	VK4TJ
28265,0	6	2017	3	12	0630		A3E						ASIAN	QG62an	WIA	VK4TJ
28275,0	8	2017	3	5	0815		F3E						ASIAN	QG62an	WIA	VK4TJ
28285,0	6	2017	3	8	0805		A3E						ASIAN	QG62an	WIA	VK4TJ
28287,5	8	2017	3	23	0740		F3E						ASIAN	QG62an	WIA	VK4TJ
28295,0	6	2017	3	8	0805		A3E						ASIAN	QG62an	WIA	VK4TJ
28300,0	8	2017	3	12	0635		F3E						ASIAN	QG62an	WIA	VK4TJ
28305,0	6	2017	3	4	0740		A3E						ASIAN	QG62an	WIA	VK4TJ
28315,0	6	2017	3	8	0815		A3E						ASIAN	QG62an	WIA	VK4TJ
28325,0	8	2017	3	4	0755		F3E						ASIAN	QG62an	WIA	VK4TJ
28335,0	6	2017	3	23	0745		A3E						ASIAN	QG62an	WIA	VK4TJ
28350,0	8	2017	3	12	0630		F3E						ASIAN	QG62an	WIA	VK4TJ
28355,0	6	2017	3	8	0820		A3E						ASIAN	QG62an	WIA	VK4TJ
28365,0	6	2017	3	23	0755		A3E						ASIAN	QG62an	WIA	VK4TJ
28375,0	2	2017	3	5	0825		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
28375,0	8	2017	3	7	0755		F3E						ASIAN	QG62an	WIA	VK4TJ
28385,0	6	2017	3	12	0745		A3E						ASIAN	QG62an	WIA	VK4TJ
28400,0	8	2017	3	4	0755		F3E						ASIAN	QG62an	WIA	VK4TJ
28405,0	6	2017	3	22	0600		A3E						ASIAN	QG62an	WIA	VK4TJ
28415,0	6	2017	3	12	0745		A3E						ASIAN	QG62an	WIA	VK4TJ
28425,0	8	2017	3	9	0415		F3E						ASIAN	QG62an	WIA	VK4TJ
28435,0	6	2017	3	16	0755		A3E						ASIAN	QG62an	WIA	VK4TJ
28437,5	8	2017	3	16	0755		F3E						ASIAN	QG62an	WIA	VK4TJ
28450,0	8	2017	3	9	0415		F3E						ASIAN	QG62an	WIA	VK4TJ
28455,0	6	2017	3	23	0755		A3E						ASIAN	QG62an	WIA	VK4TJ
28462,5	8	2017	3	22	0550		F3E						ASIAN	QG62an	WIA	VK4TJ
28465,0	6	2017	3	23	0755		A3E						ASIAN	QG62an	WIA	VK4TJ
28475,0	8	2017	3	4	0755		F3E						ASIAN	QG62an	WIA	VK4TJ
28485,0	6	2017	3	23	0755		A3E						ASIAN	QG62an	WIA	VK4TJ

28487,5	8	2017	3	23	0730		F3E						ASIAN	QG62an	WIA	VK4TJ
28500,0	2	2017	3	9	0525		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
28500,0	8	2017	3	16	0740		F3E						ASIAN	QG62an	WIA	VK4TJ
28505,0	6	2017	3	23	0800		A3E						ASIAN	QG62an	WIA	VK4TJ
28515,0	6	2017	3	12	0745		A3E						ASIAN	QG62an	WIA	VK4TJ
28525,0	8	2017	3	4	0800		F3E						ASIAN	QG62an	WIA	VK4TJ
28535,0	6	2017	3	12	0750		A3E						ASIAN	QG62an	WIA	VK4TJ
28537,5	8	2017	3	4	0800		F3E						ASIAN	QG62an	WIA	VK4TJ
28550,0	8	2017	3	23	0800		F3E						ASIAN	QG62an	WIA	VK4TJ
28555,0	6	2017	3	12	0750		A3E						ASIAN	QG62an	WIA	VK4TJ
28565,0	6	2017	3	23	0805		A3E						ASIAN	QG62an	WIA	VK4TJ
28575,0	8	2017	3	12	0635		F3E						ASIAN	QG62an	WIA	VK4TJ
28585,0	6	2017	3	23	0805		A3E						ASIAN	QG62an	WIA	VK4TJ
28595,0	6	2017	3	16	0725		A3E						ASIAN	QG62an	WIA	VK4TJ
28600,0	8	2017	3	12	0635		F3E						ASIAN	QG62an	WIA	VK4TJ
28605,0	6	2017	3	23	0805		A3E						ASIAN	QG62an	WIA	VK4TJ
28612,5	8	2017	3	22	0440		F3E						ASIAN	QG62an	WIA	VK4TJ
28615,0	6	2017	3	16	0725		A3E						ASIAN	QG62an	WIA	VK4TJ
28625,0	8	2017	3	4	0800		F3E						ASIAN	QG62an	WIA	VK4TJ
28635,0	6	2017	3	12	0750		A3E						ASIAN	QG62an	WIA	VK4TJ
28637,5	8	2017	3	16	0725		F3E						ASIAN	QG62an	WIA	VK4TJ
28645,0	6	2017	3	16	0720		A3E						ASIAN	QG62an	WIA	VK4TJ
28650,0	8	2017	3	16	0720		F3E						ASIAN	QG62an	WIA	VK4TJ
28655,0	6	2017	3	23	0805		A3E						ASIAN	QG62an	WIA	VK4TJ
28662,5	8	2017	3	16	0720		F3E						ASIAN	QG62an	WIA	VK4TJ
28665,0	6	2017	3	12	0750		A3E						ASIAN	QG62an	WIA	VK4TJ
28675,0	8	2017	3	12	0750		F3E						ASIAN	QG62an	WIA	VK4TJ
28685,0	6	2017	3	23	0810		A3E						ASIAN	QG62an	WIA	VK4TJ
28687,5	8	2017	3	4	0800		F3E						ASIAN	QG62an	WIA	VK4TJ
28695,0	6	2017	3	23	0810		A3E						ASIAN	QG62an	WIA	VK4TJ
28700,0	8	2017	3	4	0745		F3E						ASIAN	QG62an	WIA	VK4TJ
28705,0	6	2017	3	12	0750		A3E						ASIAN	QG62an	WIA	VK4TJ
28715,0	6	2017	3	12	0750		A3E						ASIAN	QG62an	WIA	VK4TJ
28725,0	8	2017	3	12	0640		F3E						ASIAN	QG62an	WIA	VK4TJ
28735,0	6	2017	3	23	0815		A3E						ASIAN	QG62an	WIA	VK4TJ
28737,5	8	2017	3	16	0755		F3E						ASIAN	QG62an	WIA	VK4TJ
28745,0	6	2017	3	22	0455		A3E						ASIAN	QG62an	WIA	VK4TJ
28750,0	8	2017	3	16	0720		F3E						ASIAN	QG62an	WIA	VK4TJ
28755,0	6	2017	3	12	0755		A3E						ASIAN	QG62an	WIA	VK4TJ
28765,0	6	2017	3	23	0815		A3E						ASIAN	QG62an	WIA	VK4TJ
28775,0	8	2017	3	9	0550		F3E						ASIAN	QG62an	WIA	VK4TJ
28800,0	8	2017	3	12	0645		F3E						ASIAN	QG62an	WIA	VK4TJ
28805,0	6	2017	3	23	0825		A3E						ASIAN	QG62an	WIA	VK4TJ
28812,5	8	2017	3	15	0710		F3E						ASIAN	QG62an	WIA	VK4TJ

28815,0	6	2017	3	23	0825		A3E						ASIAN	QG62an	WIA	VK4TJ
28825,0	8	2017	3	12	0645		F3E						ASIAN	QG62an	WIA	VK4TJ
28850,0	8	2017	3	12	0645		F3E						ASIAN	QG62an	WIA	VK4TJ
28862,5	8	2017	3	22	0455		F3E						ASIAN	QG62an	WIA	VK4TJ
28865,0	6	2017	3	23	0830		A3E						ASIAN	QG62an	WIA	VK4TJ
28875,0	8	2017	3	12	0645		F3E						ASIAN	QG62an	WIA	VK4TJ
28885,0	6	2017	3	23	0830		A3E						ASIAN	QG62an	WIA	VK4TJ
28900,0	8	2017	3	9	0625		F3E						ASIAN	QG62an	WIA	VK4TJ
28925,0	8	2017	3	4	0745		F3E						ASIAN	QG62an	WIA	VK4TJ
28937,5	8	2017	3	16	0720		F3E						ASIAN	QG62an	WIA	VK4TJ
28950,0	100	2017	3	13	0840		P0N				IRN		OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
28950,0	8	2017	3	9	0555		F3E						ASIAN	QG62an	WIA	VK4TJ
28962,5	8	2017	3	16	0735		F3E						ASIAN	QG62an	WIA	VK4TJ
28970,0	100	2017	3	16	0720		P0N				IRN		OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
28975,0	8	2017	3	4	0810		F3E						ASIAN	QG62an	WIA	VK4TJ
29000,0	8	2017	3	4	0810		F3E						ASIAN	QG62an	WIA	VK4TJ
29012,5	8	2017	3	23	0550		F3E						ASIAN	QG62an	WIA	VK4TJ
29025,0	8	2017	3	9	0555		F3E						ASIAN	QG62an	WIA	VK4TJ
29035,0	6	2017	3	24	0740		A3E						ASIAN	QG62an	WIA	VK4TJ
29037,5	8	2017	3	23	0550		F3E						ASIAN	QG62an	WIA	VK4TJ
29050,0	8	2017	3	12	0645		F3E						ASIAN	QG62an	WIA	VK4TJ
29075,0	8	2017	3	16	0735		F3E						ASIAN	QG62an	WIA	VK4TJ
29087,5	8	2017	3	23	0555		F3E						ASIAN	QG62an	WIA	VK4TJ
29100,0	8	2017	3	9	0600		F3E						ASIAN	QG62an	WIA	VK4TJ
29125,0	8	2017	3	9	0615		F3E						ASIAN	QG62an	WIA	VK4TJ
29137,5	8	2017	3	9	0615		F3E						ASIAN	QG62an	WIA	VK4TJ
29150,0	8	2017	3	23	0630		F3E						ASIAN	QG62an	WIA	VK4TJ
29155,0	6	2017	3	24	0740		A3E						ASIAN	QG62an	WIA	VK4TJ
29175,0	8	2017	3	12	0650		F3E						ASIAN	QG62an	WIA	VK4TJ
29187,5	8	2017	3	23	0640		F3E						ASIAN	QG62an	WIA	VK4TJ
29200,0	8	2017	3	12	0650		F3E						ASIAN	QG62an	WIA	VK4TJ
29212,5	8	2017	3	16	0715		F3E						ASIAN	QG62an	WIA	VK4TJ
29225,0	8	2017	3	12	0650		F3E						ASIAN	QG62an	WIA	VK4TJ
29237,5	8	2017	3	12	0650		F3E						ASIAN	QG62an	WIA	VK4TJ
29250,0	8	2017	3	12	0655		F3E						ASIAN	QG62an	WIA	VK4TJ
29275,0	8	2017	3	16	0715		F3E						ASIAN	QG62an	WIA	VK4TJ
29287,5	8	2017	3	23	0650		F3E						ASIAN	QG62an	WIA	VK4TJ
29300,0	8	2017	3	16	0715		F3E						ASIAN	QG62an	WIA	VK4TJ
29325,0	8	2017	3	12	0700		F3E						ASIAN	QG62an	WIA	VK4TJ
29337,5	8	2017	3	23	0655		F3E						ASIAN	QG62an	WIA	VK4TJ
29350,0	8	2017	3	12	0700		F3E						ASIAN	QG62an	WIA	VK4TJ
29362,5	8	2017	3	12	0700		F3E						ASIAN	QG62an	WIA	VK4TJ
29375,0	8	2017	3	12	0700		F3E						ASIAN	QG62an	WIA	VK4TJ
29385,0	6	2017	3	24	0740		A3E						ASIAN	QG62an	WIA	VK4TJ

29400,0	8	2017	3	23	0655		F3E						ASIAN	QG62an	WIA	VK4TJ
29412,5	8	2017	3	24	0810		F3E						ASIAN	QG62an	WIA	VK4TJ
29415,0	6	2017	3	23	0700		A3E						ASIAN	QG62an	WIA	VK4TJ
29425,0	8	2017	3	12	0705		F3E						ASIAN	QG62an	WIA	VK4TJ
29437,5	8	2017	3	23	0700		F3E						ASIAN	QG62an	WIA	VK4TJ
29450,0	8	2017	3	12	0705		F3E						ASIAN	QG62an	WIA	VK4TJ
29462,5	8	2017	3	16	0715		F3E						ASIAN	QG62an	WIA	VK4TJ
29475,0	8	2017	3	23	0705		F3E						ASIAN	QG62an	WIA	VK4TJ
29487,5	8	2017	3	23	0705		F3E						ASIAN	QG62an	WIA	VK4TJ
29500,0	8	2017	3	16	0750		F3E						ASIAN	QG62an	WIA	VK4TJ
29512,5	8	2017	3	23	0705		F3E						ASIAN	QG62an	WIA	VK4TJ
29525,0	8	2017	3	16	0715		F3E						ASIAN	QG62an	WIA	VK4TJ
29550,0	8	2017	3	23	0710		F3E						ASIAN	QG62an	WIA	VK4TJ
29562,5	8	2017	3	16	0715		F3E						ASIAN	QG62an	WIA	VK4TJ
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29575,0	8	2017	3	23	0710		F3E						ASIAN	QG62an	WIA	VK4TJ
29587,5	8	2017	3	24	0800		F3E						ASIAN	QG62an	WIA	VK4TJ
29600,0	8	2017	3	23	0715		F3E						ASIAN	QG62an	WIA	VK4TJ
29625,0	8	2017	3	24	0750		F3E						ASIAN	QG62an	WIA	VK4TJ
29650,0	8	2017	3	12	0815		F3E						ASIAN	QG62an	WIA	VK4TJ
29662,5	8	2017	3	16	0630		F3E						ASIAN	QG62an	WIA	VK4TJ
29675,0	8	2017	3	16	0730		F3E						ASIAN	QG62an	WIA	VK4TJ
29687,5	8	2017	3	24	0745		F3E						ASIAN	QG62an	WIA	VK4TJ
29700,0	8	2017	3	16	0620		F3E						ASIAN	QG62an	WIA	VK4TJ

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