



INTERNATIONAL AMATEUR RADIO
UNION

REGION THREE

MONITORING SYSTEM NEWS LETTER



July 2020

Titon Dutono, YB3PET

Reports for July 2020 was received from the JARL, NZART and WIA.

For this period there were 209 observations from JARL, 12 observations from NZART, and 29 observations from WIA. By this month's sampling, there are a total of 250 observations of intruders made across the Region.

The most prominent intruders are as in the following table,

No.	Band	Class Emission	Administration	Description
1.	40 m	J3E/L	--	Village Radio - Multi Stations
		A1A	RUS	Beacon
2.	20 m	PXX	RUS	OTHR Russian 50 pps S7 bursts
		PXX	CHN	OTHR 4sec burst every 40sec

Note: NONE

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

Attachments of Data Report

JARL: 209 observations

kHz	BW	YYYY	MM	DD	UTC	Emm	Bd	Sft	Hdg	ADM	ID	Description	Grid	Society
7039	0.5	2020	07	01	1050	A1A			15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2020	07	01	1210	A1A			15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2020	07	01	1420	A1A			15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2020	07	01	1610	A1A			15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2020	07	02	1050	A1A			15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2020	07	02	1052	A1A			321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2020	07	02	1220	A1A			15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2020	07	02	1222	A1A			321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2020	07	02	1226	A1A			37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2020	07	02	1410	A1A			15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2020	07	02	1412	A1A			321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2020	07	02	1630	A1A			15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2020	07	03	1052	A1A			15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2020	07	03	1054	A1A			321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2020	07	03	1058	A1A			37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2020	07	03	1212	A1A			15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2020	07	03	1214	A1A			37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2020	07	03	1420	A1A			15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2020	07	03	1604	A1A			15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2020	07	04	1050	A1A			15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2020	07	04	1052	A1A			321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2020	07	04	1056	A1A			37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2020	07	04	1204	A1A			15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2020	07	04	1206	A1A			321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2020	07	04	1208	A1A			37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2020	07	04	1420	A1A			15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2020	07	04	1422	A1A			321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2020	07	05	1110	A1A			15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2020	07	05	1112	A1A			321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2020	07	05	1210	A1A			15	RUS	M-signal	Beacon	PM97	JARL
7039	0.5	2020	07	05	1212	A1A			321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2020	07	05	1430	A1A			15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2020	07	05	1432	A1A			37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2020	07	05	1602	A1A			15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2020	07	06	1010	A1A			15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2020	07	06	1012	A1A			321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2020	07	06	1214	A1A			15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2020	07	06	1216	A1A			321	RUS	F--signal	Beacon	PM97	JARL

7039	0.5	2020	07	06	1402	A1A			15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2020	07	06	1404	A1A			321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2020	07	07	1110	A1A			15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2020	07	07	1112	A1A			321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2020	07	07	1220	A1A			15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2020	07	07	1222	A1A			321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2020	07	07	1420	A1A			15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2020	07	07	1610	A1A			15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2020	07	08	1050	A1A			15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2020	07	08	1210	A1A			15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2020	07	08	1420	A1A			15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2020	07	08	1610	A1A			15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2020	07	09	1044	A1A			15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2020	07	09	1046	A1A			321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2020	07	09	1050	A1A			37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2020	07	09	1216	A1A			15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2020	07	09	1218	A1A			37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2020	07	09	1220	A1A			321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2020	07	09	1410	A1A			15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2020	07	09	1412	A1A			37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2020	07	10	1054	A1A			15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2020	07	10	1220	A1A			15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2020	07	10	1410	A1A			15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2020	07	10	1608	A1A			15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2020	07	11	1050	A1A			15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2020	07	11	1052	A1A			321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2020	07	11	1210	A1A			15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2020	07	11	1212	A1A			321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2020	07	11	1420	A1A			15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2020	07	11	1422	A1A			321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2020	07	11	1610	A1A			15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2020	07	12	1050	A1A			15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2020	07	12	1052	A1A			321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2020	07	12	1210	A1A			15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2020	07	12	1214	A1A			321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2020	07	12	1430	A1A			15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2020	07	12	1616	A1A			15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2020	07	13	1054	A1A			15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2020	07	13	1056	A1A			37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2020	07	13	1216	A1A			15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2020	07	13	1218	A1A			37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2020	07	13	1420	A1A			15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2020	07	13	1610	A1A			15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2020	07	14	1050	A1A			15	RUS	M--signal	Beacon	PM97	JARL

7039	0.5	2020	07	14	1054	A1A			321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2020	07	14	1210	A1A			15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2020	07	14	1214	A1A			321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2020	07	14	1420	A1A			15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2020	07	14	1424	A1A			321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2020	07	14	1620	A1A			15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2020	07	15	1020	A1A			15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2020	07	15	1022	A1A			37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2020	07	15	1024	A1A			321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2020	07	15	1210	A1A			15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2020	07	15	1212	A1A			321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2020	07	15	1214	A1A			37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2020	07	15	1412	A1A			15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2020	07	15	1414	A1A			321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2020	07	15	1418	A1A			37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2020	07	15	1602	A1A			15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2020	07	15	1604	A1A			321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2020	07	16	1050	A1A			15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2020	07	16	1052	A1A			321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2020	07	16	1054	A1A			37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2020	07	16	1204	A1A			15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2020	07	16	1206	A1A			321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2020	07	16	1208	A1A			37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2020	07	16	1410	A1A			15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2020	07	16	1412	A1A			321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2020	07	16	1610	A1A			15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2020	07	17	1110	A1A			15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2020	07	17	1112	A1A			321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2020	07	17	1116	A1A			37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2020	07	17	1222	A1A			15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2020	07	17	1224	A1A			321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2020	07	17	1226	A1A			37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2020	07	17	1420	A1A			15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2020	07	17	1422	A1A			321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2020	07	17	1610	A1A			15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2020	07	18	1104	A1A			15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2020	07	18	1106	A1A			321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2020	07	18	1108	A1A			37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2020	07	18	1226	A1A			15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2020	07	18	1228	A1A			321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2020	07	18	1230	A1A			37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2020	07	18	1410	A1A			15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2020	07	18	1412	A1A			321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2020	07	18	1606	A1A			15	RUS	M--signal	Beacon	PM97	JARL

7039	0.5	2020	07	19	1102	A1A			15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2020	07	19	1104	A1A			321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2020	07	19	1218	A1A			15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2020	07	19	1220	A1A			321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2020	07	19	1416	A1A			15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2020	07	19	1620	A1A			15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2020	07	20	1050	A1A			321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2020	07	20	1052	A1A			15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2020	07	20	1210	A1A			15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2020	07	20	1212	A1A			321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2020	07	20	1420	A1A			321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2020	07	20	1422	A1A			15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2020	07	20	1620	A1A			15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2020	07	21	1104	A1A			321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2020	07	21	1106	A1A			15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2020	07	21	1210	A1A			15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2020	07	21	1212	A1A			321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2020	07	21	1420	A1A			15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2020	07	22	1010	A1A			15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2020	07	22	1012	A1A			321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2020	07	22	1016	A1A			37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2020	07	22	1214	A1A			15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2020	07	22	1216	A1A			321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2020	07	22	1420	A1A			15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2020	07	22	1610	A1A			15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2020	07	23	1044	A1A			15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2020	07	23	1046	A1A			321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2020	07	23	1206	A1A			15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2020	07	23	1208	A1A			321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2020	07	23	1420	A1A			15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2020	07	23	1604	A1A			15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2020	07	24	1050	A1A			15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2020	07	24	1052	A1A			321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2020	07	24	1210	A1A			15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2020	07	24	1212	A1A			321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2020	07	24	1410	A1A			15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2020	07	24	1412	A1A			321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2020	07	25	1052	A1A			15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2020	07	25	1054	A1A			321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2020	07	25	1056	A1A			37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2020	07	25	1210	A1A			15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2020	07	25	1212	A1A			321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2020	07	25	1214	A1A			37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2020	07	25	1410	A1A			15	RUS	M--signal	Beacon	PM97	JARL

NZART: 12 observations

kHz	BW	YYYY	Mon	DD	GMT	UTC	Emm	Bd	Sft	Hdg	ADM	ID	Description	Grid	Society
7010		2020	07	03	<0608>	0608	J3D/U				?	Unid	Non Amateurs Asian language intruders S6	RF73WA	ZL2AIM
14020		2020	07	21	<0342>	0342	PXX				?	Unid	OTHR S9 50 pps Burst wiped out band	RF73WA	ZL2AIM
14028.75	85	2020	07	25	<0612>	0612	PXX				RUS	Unid	OTHR Russian Continuous S8 50 pps	RF73MF	ZL1GWE
14076.5	26.5	2020	07	26	<0724>	0724	PXX				?	Unid	OTHR Continuous S4 24 pps Unknown	RF73MF	ZL1GWE
14116.5		2020	07	26	<0651>	0651	J7D				RUS	Unid	Russian AT3004D Modem CIS-12 PSK-2 S4	RF73MF	ZL1GWE
14152.5	13	2020	07	26	<0649>	0649	PXX				CHN	Unid	OTHR Chinese S6 66 pps 3.7 second bursts	RF73MF	ZL1GWE
14197.5	26	2020	07	26	<0729>	0729	PXX				?	Unid	OTHR 25 pps S4 Continuous Suspect Cyprus	RF73Mf	ZL1GWE
14202	14	2020	07	26	<0614>	0614	PXX				RUS	Unid	OTHR Continuous S8 50 pps TDOA Kargasoksky District, Tomsk Oblast Russia	RF73MF	ZL1GWE
14302	36	2020	07	18	<0718>	0718	PXX				?	Unid	OTHR 68 pps 3.8 second bursts Suspect Chinese	RF73MF	ZL1GWE
14320	26	2020	07	26	<0633>	0633	PXX				CHN	Unid	OTHR Chinese 66 pps 3.9 second bursts	RF73MF	ZL1GWE
14331	11	2020	07	18	<0723>	0723	PXX				?	Unid	OTHR 68 pps 3.9 second bursts Suspect Chinese	RF73MF	ZL1GWE
14338	10	2020	07	26	<0646>	0646	PXX				CHN	Unid	OTHR Chinese 66 pps 3.9 second bursts	RF73MF	ZL1GWE

WIA: 29 observations

Frequency - kHz	Band width kHz	YYY Y	MM	DD	GMT/UTC	Emission	Duration Time	Baud, Pulse-Sweep Rate	Shift	Heading	Administration	ID Callsign	Description	Grid Locator	Readability/Strength	Society	Comment
7100	200	2020	07	18	1200>	P0N		43			RUS	No Ident	OHR Continuous Vladivostok TDOA Bearings	QF22md	S5/7	WIA	VK3MV
14026	10	2020	07	26	0700>	P0N		58sps				No Ident	OHR Continuous	QF22md	S7	WIA	VK3MV
14108	10	2020	07	7	O600>	P0N		66.6			CHN	No Ident	OHR 4sec burst every	QF22md	S9+10dB	WIA	VK3MV

													40s				
14113	10	2020	07	2	0530>	P0N		66.6			CHN	No Idet	OHR 4sec burst every 40s	QF22md	S9+5	WIA	VK3MV
14125.0	10	2020	07	15	0800>	P0N		66.6			CHN	No Ident	OHR 4sec burst every 40s	QF22md	S5	WIA	VK3MV
14134	10	2020	07	2	2330>	P0N		66.6			CHN	No Idet	OHR 4sec burst every 40s	QF22md	S9	WIA	VK3MV
14136	10	2020	07	26	2330>	P0N		66.6			CHN	No Ident	4sec burst every 40sec	QF22md	S7	WIA	VK3MV
14143	10	2020	07	25	0345>	P0N		66.6			CHN	No Ident	OHR 4sec burst every 40s	QF22md	S9+5dB	WIA	VK3MV
14150	50	2020	07	07	0600>	P0N		25sps				No Ident	OHR Continuous	QF22md	S5/6	WIA	VK3MV
14153	10	2020	07	26	2330>	P0N		66.6			CHN	No Ident	4sec burst every 40sec	QF22md	S9+10dB	WIA	VK3MV
14167	167	2020	07	23	0700>	P0N		50			CHN	No Ident	OHR Continuous	QF22md	S9+10dB	WIA	VK3MV
14171	10	2020	07	7	0615>	P0N		66.6			CHN	No Ident	OHR 4sec burst every 40s	QF22md	S9	WIA	VK3MV
14180	10	2020	07	25	0345>	P0N		66.6			CHN	No Ident	OHR 4sec burst every 40s	QF22md	S9	WIA	VK3MV
14183	10	2020	07	21	2330>	P0N		66.6			CHN	No Ident	OHR 4sec burst every 40s	QF22md	S5	WIA	VK3MV
14204	10	2020	07	26	0615>	P0N		58				No Ident	OHR Continuous	QF22md	S8	WIA	VK3MV
14210	10	2020	07	27	0030>	P0N		66.6			CHN	No Ident	4sec burst every 40sec	QF22md	S5	WIA	VK3MV
14210	10	2020	07	27	2356>	P0N		66.6			CHN	No Ident	4sec burst every 40sec	QF22md	S5	WIA	VK3MV
14215.0	10	2020	07	27	0000>	P0N		66.6			CHN	No Ident	4sec burst every 40sec	QF22md	S8	WIA	VK3MV
14218.0	10	2020	07	3	2250>	P0N		66.6			CHN	No Ident	OHR 5sec Burst every 16s	QF22md	S9	WIA	VK3MV
14226	10	2020	07	21	0700>	P0N		66.6			CHN	No Ident	OHR 4sec burst every 40s	QF22md	S9	WIA	VK3MV
14228	50	2020	07	15	0800>	P0N		30sps				No Ident	OHR Continuous	QF22md	S3	WIA	VK3MV
14296	10	2020	07	3	0845>	P0N		66.6				No Ident	OHR 5sec burst every 35s	QF22md	S9+10dB	WIA	VK3MV
14308	10	2020	07	2	2330>	P0N		66.6			CHN	No Idet	OHR 4sec burst every	QF22md	S7	WIA	VK3MV

													40s				
14309	10	2020	07	2	2330>	P0N		66.6			CHN	No Idet	OHR 4sec burst every 40s	QF22md	S8	WIA	VK3MV
14318	10	2020	07	25	0700>	P0N		66.6			CHN	No Ident	OHR 4sec burst every 40s	QF22md	S7	WIA	VK3MV
14322.0	10	2020	07	15	0800>	P0N		66.6			CHN	No Ident	OHR 4sec burst every 40s	QF22md	S9	WIA	VK3MV
14325	10	2020	07	3	2250>	P0N		50				No Ident	OHR 5sec Burst every 16s	QF22md	S5/6	WIA	VK3MV
14340	10	2020	07	7	0600/0646	P0N		66.6			CHN	No Ident	OHR 4sec burst every 40s	QF22md	S9	WIA	VK3MV
14345	10	2020	07	21	0700>	P0N		66.6			CHN	No Ident	OHR 4sec burst every 40s	QF22md	S9	WIA	VK3MV

=====