



INTERNATIONAL AMATEUR RADIO
UNION

REGION THREE

MONITORING SYSTEM NEWS LETTER



May 2021

Titon Dutono, YB3PET

Reports for May 2021 were received from the ARSI, JARL, NZART and WIA

For this period there were 41 observations from ARSI, 78 observations from JARL, 58 observations from NZART and 10 observations from WIA. By this month's sampling, there are a total of 187 observations of intruders made across the Region.

The most prominent intruders are in the following table,

No.	Band	Class Emission	Administration	Description
1.	40m	A1A	RUS	Beacon
		A3E	ERI	Songs in african language and speech in between .Fair signal and splatter.
		J3E/L	---	Language:Tagalog,With no Callsign
		J3E/U	CLN	Speaker in Sinhala. language talking continuously. Good signal noted
		PON	CHN	OTHR
2.	20 m	PXX	CHN	OTHR Chinese S6 10 pps Continuous
		CIS-12 PSK J7D	RUS	OFDM CIS-12 Russian continuous
3.	15 m	PXX	CHN	OTHR Chinese S8

Note: ---

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. 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

ARSI: 41 observations

kHz	BW	YEAR	MONTH	DD	UTC	Emm	Hdg	ADM	ID	Remarks/Details	Grid	Society
7108	3	2021	5	1	<0200 0215>	J3E/U		CLN	UNID	Poor signal and talk in sinhala by male	MK71UJ	ARSI-MONI-VU3SIO
7140	3	2021	5	1	<1700 1715>	A3E		ERI	VOBM	Songs in african language and announcement in between. Poor siganal	MK71UJ	ARSI-MONI-VU3SIO
7104	3	2021	5	3	<0145 0200>	J3E/U		CLN	UNID	Fair reception and talk in sinhala by male.	MK71UJ	ARSI-MONI-VU3SIO
7180	3	2021	5	3	<1715 17320>	A3E		ERI	VOBM	Poor signal and speech in african language	MK71UJ	ARSI-MONI-VU3SIO
7185	3	2021	5	5	<0215 0230>	J3E/U		CLN	UNID	Talk in sinhala by male and fair signal noted .	MK71UJ	ARSI-MONI-VU3SIO
7140	3	2021	5	5	<1700 1715>	A3E		ERI	VOBM	Songs in african language and speech in between. Fair signal with noise.	MK71UJ	ARSI-MONI-VU3SIO
7146	3	2021	5	6	<0130 0145>	J3E/U		CLN	UNID	Male to male talking in sinhala with fair signal.	MK71UJ	ARSI-MONI-VU3SIO
7087	3	2021	5	6	<0245 0300>	J3E/U		CLN	UNID	Talk in sinhala language by male and good signal noted.	MK71UJ	ARSI-MONI-VU3SIO
7090	3	2021	5	7	<0145 0200>	J3E/U		CLN	UNID	Male talikng in sinhala continued with fair signal.	MK71UJ	ARSI-MONI-VU3SIO
7140	3	2021	5	7	<1600 1630>	A3E		ERI	VOBM	Songs and announcement heard in between and poor signal.	MK71UJ	ARSI-MONI-VU3SIO
7096	3	2021	5	8	<0200 0215>	J3E/U		CLN	UNID	Fair signal with male talking with other one in sinhala	MK71UJ	ARSI-MONI-VU3SIO
7180	3	2021	5	8	<1700 1730 >	A3E		ERI	VOBM	Poor signal with songs in african .	MK71UJ	ARSI-MONI-VU3SIO
7192	3	2021	5	9	<0130 0145>	J3E/U		CLN	UNID	Good signal with talk of male .	MK71UJ	ARSI-MONI-VU3SIO
7140	3	2021	5	9	<1630 1700>	A3E		ERI	VOBM	Songs and announcement heard in between and poor signal.	MK71UJ	ARSI-MONI-VU3SIO
7100	3	2021	5	10	<0145 0200>	J3E/U		CLN	UNID	Signal was fair and talk by male to male.	MK71UJ	ARSI-MONI-VU3SIO
7161	3	2021	5	10	<0215 0230>	J3E/U		UNID	UNID	Male to male talking in an unkonown language. Fair signal	MK71UJ	ARSI-MONI-VU3SIO
7180	3	2021	5	10	<1700 1730>	A3E		ERI	VOBM	Poor signal Songs was played in between .speech in Amharic language .	MK71UJ	ARSI-MONI-VU3SIO
7191	3	2021	5	13	<0215 0230>	J3E/U		UNID	UNID	Language spoken not known .Poor signal was noted. Talk by male to male.	MK71UJ	ARSI-MONI-VU3SIO
7102	3	2021	5	15	0200 0215>	J3E/U		CLN	UNID	Good signal was observed with talk by male in sinhala.	MK71UJ	ARSI-MONI-VU3SIO
7140	3	2021	5	15	<1630 1700>	A3E		ERI	VOBM	Songs in african and announcement in between. Poor signal.	MK71UJ	ARSI-MONI-VU3SIO
14209	3	2021	5	17	<0145 0200>	J3E/U		CLN	UNID	Fair signal and talk by male in sinhala.	MK71UJ	ARSI-MONI-VU3SIO
7180	3	2021	5	17	<.0145 0200>	A3E		ERI	VOBM	Poor signa; amd songs in between. Sometimes feeble.	MK71UJ	ARSI-MONI-VU3SIO
7135	3	2021	5	19	<0200 0215>	J3E/U		CLN	UNID	Very good signal and talk by male.	MK71UJ	ARSI-MONI-VU3SIO
7140	3	2021	5	19	<1600 1630>	A3E		ERI	VOBM	Announcement by male in african language and songs and music in between, Fair signal.	MK71UJ	ARSI-MONI-VU3SIO
7102	3	2021	5	20	<0130 0200>	J3E/U		CLN	UNID	Signal was fair and talk by male in sinhala.	MK71UJ	ARSI-MONI-VU3SIO
7140	3	2021	5	20	<1600 1630>	A3E		ERI	VOBM	Announcement in african language and speech in between.	MK71UJ	ARSI-MONI-VU3SIO

7135	3	2021	5	21	<0230 0300>	J3E/U		CLN	UNID	Male to male talking in sinhala and signal was fair.	MK71UJ	ARSI-MONI-VU3SIO
7180	3	2021	5	21	<1700 1730>	A3E		ERI	VOBM	Poor signal and songs and announcement in between	MK71UJ	ARSI-MONI-VU3SIO
7135	3	2021	5	22	<0200 0230>	J3E/U		CLN	UNID	Good signal and talk by male.	MK71UJ	ARSI-MONI-VU3SIO
7135	3	2021	5	25	<0215 0230 >	J3E/U		CLN	UNID	Sppech in sinhala by male and poor signal was noted.	MK71UJ	ARSI-MONI-VU3SIO
7033	3	2021	5	25	<1130 1200>	J3E/U		UNID	UNID	Poor signal and language of the QSO not known. Look like thai.	MK71UJ	ARSI-MONI-VU3SIO
7180	3	2021	5	25	<1700 1730>	A3E		ERI	VOBM	Songs in african , but reception was poor with QRN	MK71UJ	ARSI-MONI-VU3SIO
7189	3	2021	5	28	<0140 0150>	J3E/E		UNID	UNID	Signal was poor and talk by male .Language not identified.	MK71UJ	ARSI-MONI-VU3SIO
7140	3	2021	5	28	,<1630 1645>	A3E		ERI	VOBM	Songs and announcement heard in between and poor signal.	MK71UJ	ARSI-MONI-VU3SIO
7006	3	2021	5	29	<0150 0215>	J3E/L		CLN	UNID	Signal was fair and talk by male to male.Fair reception noted.	MK71UJ	ARSI-MONI-VU3SIO
7140	3	2021	5	29	<1700 1730>	A3E		ERI	VOBM	Songs played and announcement in between. Poor reception	MK71UJ	ARSI-MONI-VU3SIO
7149	3	2021	5	30	< 0140 0215>	J3E/U		CLN	UNID	Strong signal and speech by male in sinhala,	MK71UJ	ARSI-MONI-VU3SIO
14223	3	2021	5	30	<1155 1210>	J3E/U		UNID	UNID	Language not identified. Talk by male and very good signal	MK71UJ	ARSI-MONI-VU3SIO
7140	3	2021	5	30	<1630 1700>	A3E		ERI	VOBM	Songs in african and talk by male .Poor signal	MK71UJ	ARSI-MONI-VU3SIO
7042	3	2021	5	31	<10.45 1110>	J3E/U		CLN	UNID	Talk by male to male and good signal.	MK71UJ	ARSI-MONI-VU3SIO
7188	3	2021	5	31	<1415 1430>	J3E/U		UNID	UNID	Language similar to thai by male. Good signal noted	MK71UJ	ARSI-MONI-VU3SIO

JARL: 78 observations

kHz	BW	YYYY	MM	DD	UTC	Emm	Hdg	ADM	ID	Description	Grid	Society
7002.0	3.0	2021	05	12	12:35	Jamming				Signal RS:59	PM84XT	JARL
7020.0	3.0	2021	05	04	12:30	J3E/L				Language:Tagalog,With no Call	PM84XT	JARL
7039	0.5	2021	05	01	1040	A1A	37	RUS	K-- signal	Beacon	PM97	JARL
7039	0.5	2021	05	01	1042	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2021	05	01	1210	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2021	05	02	1038	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2021	05	02	1202	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2021	05	03	1040	A1A	37	RUS	K-- signal	Beacon	PM97	JARL
7039	0.5	2021	05	03	1044	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2021	05	03	1210	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2021	05	04	1040	A1A	15	RUS	M-- signal	Beacon	PM97	JARL

7039	0.5	2021	05	04	1202	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2021	05	05	1046	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2021	05	05	1210	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2021	05	06	1050	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2021	05	06	1210	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2021	05	07	1050	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2021	05	07	1210	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2021	05	07	1414	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2021	05	08	1056	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2021	05	08	1210	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2021	05	09	1020	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2021	05	09	1204	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2021	05	10	1010	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2021	05	10	1210	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2021	05	11	0940	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2021	05	11	1102	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2021	05	11	1210	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2021	05	12	1010	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2021	05	12	1220	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2021	05	13	1050	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2021	05	13	1210	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2021	05	14	1046	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2021	05	14	1210	A1A	15	RUS	M--	Beacon	PM97	JARL

									signal			
7039	0.5	2021	05	15	1052	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2021	05	15	1220	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2021	05	16	1010	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2021	05	16	1220	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2021	05	16	1404	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2021	05	17	1004	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2021	05	17	1210	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2021	05	18	1040	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2021	05	18	1220	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2021	05	19	1050	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2021	05	19	1210	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2021	05	19	1410	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2021	05	20	1040	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2021	05	20	1210	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2021	05	20	1404	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2021	05	21	1044	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2021	05	21	1210	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2021	05	21	1410	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2021	05	21	1610	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2021	05	22	1050	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2021	05	22	1210	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2021	05	23	1004	A1A	15	RUS	M-- signal	Beacon	PM97	JARL

7039	0.5	2021	05	23	1210	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2021	05	24	1010	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2021	05	24	1206	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2021	05	24	1420	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2021	05	25	1050	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2021	05	25	1210	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2021	05	25	1410	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2021	05	26	1052	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2021	05	26	1220	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2021	05	26	1410	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2021	05	27	1050	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2021	05	27	1210	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2021	05	28	1040	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2021	05	28	1210	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2021	05	28	1420	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2021	05	29	1040	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2021	05	29	1220	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2021	05	30	0950	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2021	05	30	1210	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2021	05	31	1050	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2021	05	31	1230	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7055.0	3.0	2021	05	25	12:15	Jamming				Signal RS:59	PM84XT	JARL

NZART: 58 observations

kHz	BW	YYYY	Mon	DD	GMT	UTC	Emm	Bd	Sft	ADM	ID	Description	Grid	Society
14035,8	142	2021	5	19	<0109>	0109	PXX	9		CHM	Unid	OTHR Chinese 9 pps 51 second bursts S4	RF73MF	ZL1GWE
14056	2,6	2021	5	9	<0624>	0624	CIS-12 PSK J7D	120		RUS	Unid	CIS-12 Russian 56 continuous 120 bd	RF73MF	ZL1GWE
14058,5	32,2	2021	5	7	<0636>	0636	CIS-12 PSK J7D	120		RUS	Unid	CIS-12 Russian continuous S4 encrypted	RF73MF	ZL1GWE
14059	2,6	2021	5	1	<0706>	0706	CIS-12 PSK J7D			RUS	Unid	OFDM 11 tones with guard band Russian 56	RF73MF	ZL1GWE
14059	2,6	2021	5	2	<0544>	0544	CIS-12 PSK J7D			RUS	Unid	ODFM CIS-12 Russian 56 continuous	RF73MF	ZL1GWE
14060	2,6	2021	5	4	<0621>	0621	CIS-12 PSK J7D			RUS	Unid	CIS-12 ODFM S4 Continuous Russian 12 tones plus guard band	RF73MF	ZL1GWE
14093	2,6	2021	5	9	<0622>	0622	CIS-12 PSK J7D	120		RUS	Unid	CIS-12 Russian 57 120 Bd, continuous	RF73MF	ZL1GWE
14094	2,6	2021	5	18	<0622>	0622	CIS-12 PSK J7D	120		RUS	Unid	CIS-12 Continuous S5 Russian	RF73MF	ZL1GWE
14096	2,6	2021	5	2	<0543>	0543	CIS-12 PSK J7D			RUS	Unid	OFDM CIS-12 Russian continuous	RF73MF	ZL1GWE
14096	2,97	2021	5	23	<0656>	0656	CIS-12 PSK J7D	120		RUS	Unid	CIS-12 Russian continuous S4	RF73MF	ZL1GWE
14097	2,6	2021	5	4	<0618>	0618	CIS-12 PSK J7D			RUS	Unid	ODFM 12 tones one guard frequency 2.6 kHz Continuous	RF73MF	ZL1GWE
14096,1	32,2	2021	5	19	<2156>	2156	CIS-12 PSK J7D	120		RUS	Unid	CIS-12 with guard band, Russian S4 continuous	RF73MF	ZL1GWE
14097	2,6	2021	5	1	<0650>	0650	CIS-12 PSK J7D			RUS	Unid	OFDM Russian Stanag 4285 with guard frequency	RF73MF	ZL1GWE
14098	2,6	2021	5	6	<0654>	0654	CIS-12 PSK J7D	120		RUS	Unid	CIS-12 Russian 120 Bd, continuous S6	RF73MF	ZL1GWE
14116,8	20,5	2021	5	8	<0510>	0510	PXX	63		CHM	Unid	OTHR Chinese 63 pps 5.4 second bursts	RF73MF	ZL1GWE
14131	2,6	2021	5	9	<0627>	0627	CIS-12 PSK J7D	120		RUS	Unid	CIS-12 Russian continuous S4 120 bd	RF73MF	ZL1GWE
14133	2,6	2021	5	1	<0707>	0707	CIS-12 PSK J7D			RUS	Unid	OFDM 11 tones with guard band Russian 54	RF73MF	ZL1GWE
14134	2,6	2021	5	2	<0641>	0641	CIS-12 PSK J7D			RUS	Unid	OFDM CIS-12 Russian Continous	RF73MF	ZL1GWE
14134	2,6	2021	5	4	<0641>	0641	CIS-12 PSK J7D			RUS	Unid	OFDM S3 Russian CIS 12 12 tones + guard frequency	RF73MF	ZL1GWE
14170,5	9	2021	5	18	<2244>	2244	PXX	50		CHN	Unid	OTHR Chinese 50 pps 4.85 second bursts	RF73MF	ZL1GWE
14208,3	160,4	2021	5	9	<2236>	2236	PXX	11		CHN	Unid	OTHR 51 second bursts S6 11 pps Chinese regularly shifting frequencies	RF73MF	ZL1GWE
14245,5	18,3	2021	5	23	<0700>	0700	PXX	50		RUS	Unid	OTHR Russian continuous 50 pps wide bandwidth furry edges	RF73MF	ZL1GWE
14258	2,6	2021	5	17	<06:01>	0601	CIS-12 PSK J7D	120		RUS	Unid	Russian CIS-12 S6 continuous	RF73MF	ZL1GWE
14259	2,6	2021	5	18	<0618>	0618	CIS-12 PSK J7D	120		RUS	Unid	CIS-12 Russian continuous S6	RF73MF	ZL1GWE
14266,4	9,6	2021	5	7	<0708>	0708	PXX	66		CHN	Unid	OTHR Chinese 3,5 seconds bursts S4 66 pps	RF73MF	ZL1GWE
14289,7	10,9	2021	5	7	<0702>	0702	PXX	18		CHN	Unid	OTHR Chinese S3 bursts long 10.9 kHz fluffy band edges	RF73MF	ZL1GWE
14290,7	9,6	2021	5	7	<0517>	0517	PXX	20		?	Unid	OTHR S3 20 pps 23 second bursts Unknown origin	RF73MF	ZL1GWE
14294	2,6	2021	5	17	<0557>	0557	CIS-12 PSK J7D	120		RUS	Unid	Russian CIS-12 continuous S7	RF73MF	ZL1GWE
14294	2,6	2021	5	18	<0609>	0609	CIS-12 PSK J7D	120		RUS	Unid	CIS-12 Russian S7 120 Bd continuous guard band	RF73MF	ZL1GWE

14294	2,6	2021	5	18	<0609>	0609	CIS-12 PSK J7D	120		RUS	Unid	CIS-12 Russian S7 120 Bd continuous guard band	RF73MF	ZL1GWE
14294	2,6	2021	5	18	<0609>	0609	CIS-12 PSK J7D	120		RUS	Unid	CIS-12 Russian S7 120 Bd continuous guard band	RF73MF	ZL1GWE
14301	11,7	2021	5	7	<0657>	0657	PXX	50		CHN	Unid	OTHR Chinese 50 pps clean signal 5.34 seconds bursts S5	RF73MF	ZL1GWE
14303,5	161,1	2021	5	9	<2300>	2300	PXX	11		CHN	Unid	OTHR Chinese 51 second bursts wide 161.5kHz	RF73MF	ZL1GWE
14310,7	10,7	2021	5	9	<2223>	2223	PXX	40		CHN	Unid	OTHR Chinese 40 pps 6.3 second bursts S6	RF73MF	ZL1GWE
14316,6	159,6	2021	5	18	<2316>	2316	PXX	9		CHN	Unid	OTHR Chinese 52 second bursts S3 9 pps	RF73MF	ZL1GWE
14320,1	11,5	2021	5	8	<0508>	0508	PXX	50		CHN	Unid	OTHR Chinese 50 pps 5.45 second bursts	RF73MF	ZL1GWE
14325	10,2	2021	5	9	<0631>	0631	PXX	65		CHN	Unid	OTHR Chinese 3.7 second bursts 65 pps S6	RF73MF	ZL1GWE
14330	2,6	2021	5	17	<0559>	0559	CIS-12 PSK J7D	120		RUS	Unid	Russian CIS-12 S6 Continuous	RF73MF	ZL1GWE
14330	2,6	2021	5	18	<0616>	0616	CIS-12 PSK J7D	120		RUS	Unid	CIS-12 Russian Continuous S6	RF73MF	ZL1GWE
14340	2,6	2021	5	8	<0509>	0509	CIS-12 PSK J7D	120		RUS	Unid	CIS-12 S5 Russian 120 Baud	RF73MF	ZL1GWE
14345,5	9	2021	5	8	<0504>	0504	PXX	50		CHN	Unid	OTHR Chinese 50 pps 5.4 second bursts S6	RF73MF	ZL1GWE
14346,7	12,5	2021	5	8	<0619>	0619	PXX	50		CHN	Unid	OTHR Chinese 50 pps 5.2 second bursts	RF73MF	ZL1GWE
18073	23,7	2021	5	18	<0632>	0632	PXX	50		?	Unid	OTHR Continuous S3 50 pps clean cut	RF73MF	ZL1GWE
18098	2,6	2021	5	7	<0504>	0504	CIS-12 PSK J7D	120		RUS	Unid	CIS 12 Russian continuous S3 on top of FT8 signals	RF73MF	ZL1GWE
18134,9	2,6	2021	5	7	<0458>	0458	CIS-12 PSK J7D	120		RUS	Unid	CIS 12 encrypted Russian S7 continuous	RF73MF	ZL1GWE
21126,5	20,7	2021	5	18	<05:53>	0553	PXX	23		CHN	Unid	OTHR Chinese continous S4 23 pps	RF73MF	ZL1GWE
21167	12,2	2021	5	18	<0559>	0559	PXX	66		CHN	Unid	OTHR 3.8 seconds bursts Chinese 66 pps S5	RF73MF	ZL1GWE
21212	161	2021	5	5	<0415>	0415	PXX	9		CHN	Unid	OTHR Chinese 37.04 seconds bursts 9 pps	RF73MF	ZL1GWE
21246,3	9,75	2021	5	10	<0602>	0602	PXX	51		CYP	Unid	OTHR S4 Cyprus 51 pps continuous 9.75 kHz wide signal rapidly dropping	RF73MF	ZL1GWE
21257	2	2021	5	4	<0612>	0612	VXX	2		?	Unid	CODAR 2-3 pps S3 2 kHz wide	RF73MF	ZL1GWE
21264,6	176,6	2021	5	30	<0452>	0452	PXX	65		CHN	Unid	OTHR Chinese 4 second bursts S8 65 pps	RF73MF	ZL1GWE
21277	32,2	2021	5	30	<0457>	0457	PXX	65		CHN	Unid	OTHR Chinese S6 3.9 second bursts S6	RF73MF	ZL1GWE
21309	55,2	2021	5	30	<0456>	0456	PXX	65		CHN	Unid	OTHR Chinese S7 65 pps 7.9 second	RF73MF	ZL1GWE
21318	10,2	2021	5	21	<0631>	0631	PXX	66		CHN	Unid	OTHR Chinese 3.74 seconds 66 pps	RF73MF	ZL1GWE
21370	160	2021	5	7	<0454>	0454	PXX	10		CHN	Unid	OTHR Chinese 1 minute 15 second bursts S3 160 kHz wide	RF73MF	ZL1GWE
21374	10	2021	5	5	<0420>	0420	PXX	66		CHN	Unid	OTHR Chinese 66 pps 3.7 second bursts S5	RF73MF	ZL1GWE
21396	16	2021	5	4	<0638>	0638	VXX	2		?	Unid	CODAR 2 pps continuous S3 16 kHz Wide	RF73MF	ZL1GWE
21417,5	65	2021	5	7	<0447>	0447	PXX	10		CHN	Unid	OTHR Chinese 65 kHz wide 10 pps S3	RF73MF	ZL1GWE

WIA: 10 observations

Frequency - kHz	Band width kHz	YYYY	MM	DD	GMT/UTC	Emission	Duration Time	Baud, Pulse- Sweep Rate	Administration	ID Callsign	Description	Grid Locator	Readability/Strength	Society	Comment
14323	10	2021	05	06	2225	P0N		66,6	CHN	No ID	OHR Radar 4 sec burst every 40 secs	QF22md	S8	WIA	VK3MV
14096,5	3	2021	05	10	<0500>	J7D		CIS-12	RUS	No ID	Data Continuous	QF22md	S6	WIA	VK3MV
14096,5	3	2021	05	11	<0600>	J7D		CIS-12	RUS	No ID	Data Continuous	QF22md	S3	WIA	VK3MV
14134	3	2021	05	11	<0700>	J7D		CIS-12	RUS	No ID	Data Continuous	QF22md	S3	WIA	VK3MV
14096,5	3	2021	05	11	<0700>	J7D		CIS-12	RUS	No ID	Data Continuous	QF22md	s5/6	WIA	VK3MV
14096,5	3	2021	05	18	<2255>	J7D		CIS-12	RUS	No ID	Data Continuous	QF22md	s3	WIA	VK3MV
14172,1	10	2021	05	18	<2255>	P0N		66,6	CHN	No ID	OHR Radar 4 sec burst every 40 secs	QF22md	S7	WIA	VK3MV
14226	10	2021	05	19	<0630>	P0N		66,6	CHN	No ID	OHR Radar 4 sec burst every 40 secs	QF22md	S7/8	WIA	VK3MV
14333	10	2021	05	22	<2305>	P0N		66,6	CHN	No ID	OHR Radar 4 sec burst every 40 secs	QF22md	S3	WIA	VK3MV
14311,0	10	2021	05	22	<2310>	P0N		66,6	CHN	No ID	OHR Radar 4 sec burst every 40 secs	QF22md	S7	WIA	VK3MV

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