



Monthly Newsletter - June 2026

- **Video feature:** click on the “play” red icons in the text or in the images of the Newsletter to watch the videos

- **IARU IWS Wiki:** find more information, screenshots, videos and recordings of the transmission modes most used by non-amateur stations on the amateur radio bands: <https://www.iaru-r1.org/spectrum/monitoring-system/iarums-wiki/>

News and Info

The IARU Intruder Watch Service (formerly, IARU Monitoring System; IARUMS) is a worldwide service authorized by the IARU Administrative Council. It is served by dedicated volunteers. As per the IARU Intruder Watch Service Terms of Reference, the primary objective of the IARU IWS is the search, classification, identification and initiation of steps leading to the removal from amateur bands of radio signals of non-amateur stations causing harmful interference to the amateur services, contrary to ITU International Telecommunications Union and national radio regulations. Typical intruders include Broadcasters, Over the Horizon Radars, illegal operators on the bands including taxicabs and fishermen on various bands, various military modes and many more types of unwanted signals.

Detailed reports of national coordinators

Abbreviations used (as per IARU IWS definitions)

aka = also known as | **BC** = Broadcast | **Bd** = Baud | **BD** = Burst duration | **BRI** = Burst repetition interval. **BW** = Bandwidth | **ca** = approximate | **CHN** = **PRC** = People’s Republic of China | **CF** = Center frequency | **DF** = Direction finding (radio location; see also TDoA) | **FMCW** = frequency modulated continuous wave | **FMOP** = frequency modulated on pulse | **OTHR** = over the horizon radar | **PRF** = Pulse Repetition Frequency | **pps** = pulses per second (same as “sps”) | **SH** = Shift (Hz) | **sps** = sweeps per second | **TDoA** = Time difference of arrival | **ui** = **unid** = unidentified.

DARC. Harald, DL9NDW and team: DF5JL, DE2TRF

kHz	UTC	DD	MM	ITU	IDENT	MODE	BD /sps	SH / BW	DETAILS
7002.0	19:44	06	05	RUS		J7D	120	2K60E	CIS-12, idle
7004.0	17:51	25	05			XXX			Different bursts with different bandwidth’s and length
7036.0	17:15 vt*	16 vd*	05	RUS		J7D	120	2K60E	CIS-12, * also 7037 at 26.5 19:06
7043.0	20:36 vt*	12 vd*	05			F1B	20	7K0E	RUS NAVY FSK Signal, 2 times on Air, long lasting, West Russia nr Sewastopol, very strong. Daily until QSY mid May.

DARC. Harald, DL9NDW and team: DF5JL, DE2TRF

kHz	UTC	DD	MM	ITU	IDENT	MODE	BD /sps	SH / BW	DETAILS
7055.0	06:34 vt*	12 vd*	05	UKR		J3E-L		2K70E	Radiowar, Music, NON Ham Voice : UKR vs RUS. Daily transmissions vat varying times.
7083.0	19:13	06	05			XXX			Unknown CW like transmission
7092.0	19:26	29	05			RADAR			
7150.0	19:57 vt*	02 vd*	05	RUS		RADAR	40	12K0E	OTHR Contayner, reports
7175.0	20:37	06	05	RUS		RADAR	12K0E	40	OTHR Contayner
14008.0	09:12	19	05	RUS		F1B	50	250H	RIW, FSK
14091.0	08:29	16	05	RUS		RADAR	40	12K0E	OTHR Contayner, faint and sounding strange
14108.0	09:15	12	05	G		RADAR	50	20K0E	OTHR Cyprus UK SBA , 3 sek bursts, 4 sek pauses
14150.0	11:13 vt*	10 vd*	05			RADAR			OTHR Contayner *, also 14255,126.5. 13:31, 14302, 19.5 , 17:52
14171.0	07:48 vt*	12 vd*	05	RUS		RADAR	40	12K0E	OTHR Contayner, * 5 reports
14218.0	13:04 vt*	16 vd*	05	CHN		RADAR	64	10K0E	OTHR Bursts, 64 sps ,measured, also 14234, 16.5 , 13:06
14250.0	06:57	12	05			NON			constant , some fading , not local (verified)
14266.0	14:41	12	05	CHN		RADAR	50	10K0E	OTHR Bursts, 6 reports
14320.0	13:29	16	05	CHN		RADAR	50	10K0E	OTHR Bursts, interleved with 66.7 sps on 14324
14320.0	14:43	12	05	CHN		RADAR	66.7	10K0E	OTHR Bursts, 3 reports
14350.0	17:25	28	05			XXX		1K8	Unknown, PSK signal not known
21113.0	08:17	12	05	G		RADAR	25	20K0E	OTHR Cyprus UK SBA (25hz mode)
21380.0	08:36	12	05	G		RADAR	25	20K0E	OTHR Cyprus UK SBA (25hz mode) qsyed here, laster at 21108

IRTS. Michael, EI3GYB

kHz	UTC	DD	MM	ITU	IDENT	MODE	BD /sps	SH / BW	DETAILS
6995	2200	26	06			RADAR			Radar from 6995 to 7025 kHz. Huge and persistent signal.
7055	2125	05	06			RADAR			Radar from 7050 to 7075 kHz. Strong and persistent.
7055	0430	02	06	RUS/		LSB			Russian-Ukrainian radio war. Big signals,

IRTS. Michael, EI3GYB

kHz	UTC	DD	MM	ITU	IDENT	MODE	BD /sps	SH / BW	DETAILS
				UKR					persistent. Heard several times during the month at various times of the day.
7055	2245	30	06			RADAR			Radar from 7055 to 7070 kHz. Strong and persistent
7060	0445	19	06	RUS/ UKR		LSB			Russian-Ukrainian radio war. Strong and persistent signals.
7102	2025	04	06			F1B			Medium but persistent signal.
7136	2025	04	06			F1B			Medium but persistent signal. Also heard on the 17 th at 0755z, the 23 rd at 2255z, the 24 th at 2000z and the 27 th at 1845z.
14122	1130	18	06	RUS/ UKR		USB			Russian-Ukrainian radio war. Strong and persistent signals.
14129	1445	26	06	RUS/ UKR		USB			Russian-Ukrainian radio war. Medium but persistent signals.
14165	1215	04	06			RADAR			Radar from 14165 to 14180 kHz. Huge and persistent signal.
14170	0725	27	06			RADAR			Radar from 14170 to 14190 kHz. Medium but persistent signal.
14191	1615	02	06	RUS		F1B			Russian navy, Kaliningrad. Heard daily all day long with a medium to strong signal.
14235	0945	12	06			RADAR			Radar from 14235 to 14265 kHz. Huge and persistent signal.
14248	0805	18	06			PSK			North Korean embassy traffic. Strong and persistent.
14290	1950	27	06			RADAR			Radar from 14290 to 14300 kHz. Medium signal, on and off.
14347	0435	02	06			RADAR			Radar from 14347 to 14372 kHz. Huge and persistent signal.
18110	1815	18	06			RADAR			Radar from 18110 to 18120 kHz. Medium signal. Persistent.
18150	1125	23	06	UK		RADAR			Radar from 18150 to 18170 kHz. Medium but persistent signal. UK base in Cyprus.
18155	1715	12	06	UK		RADAR			Radar from 18155 to 18170 kHz. Strong and persistent. UK base in Cyprus.
18160	1615	22	06	UK		RADAR			Radar from 18160 to 18180 kHz. Weak but persistent. UK base in Cyprus.
21160	0840	21	06			RADAR			Radar from 21160 to 21175 kHz. Medium and persistent signal.
21295	0730	27	06			RADAR			Radar from 21295 to 21320 kHz. Medium and persistent signal.
21405	1220	04	06			RADAR			Radar from 21405 to 21420 kHz. Weak but persistent.
21438	1330	03	06	UKR		CW			Russian navy in Sevastopol. Heard nearly daily with a weak to medium signal.

PZK. Mirek, SP5GNI

kHz	UTC	DD	MM	ITU	IDENT	MODE	BD /sps	SH / BW	DETAILS
14142.0	1210	12	06			RADAR		12K0E	S9+
14178.0	1210	04	06			RADAR		16K0E	S9+
14185.0	1235	08	06			RADAR		16K0E	S9+

PZK. Mirek, SP5GNI

kHz	UTC	DD	MM	ITU	IDENT	MODE	BD /sps	SH / BW	DETAILS
14200.0	1440	05	06			RADAR		16K0E	S9
14255.0	0950	11	06			RADAR		12K0E	
14294.0	1405	04	06			RADAR		10K0E	3 sec. bursts also 14314.0
18076.0	1145	30	06			RADAR		10K0E	3 sec. bursts also 18149.0
18142.0	1345	09	06			RADAR		12K0E	S9+
18157.0	1635	26	06			RADAR		12K0E	S9
18160.0	1210	23	06			RADAR		20K0E	S9
21023.0	1220	24	06			RADAR		10K0E	S6
21032.0	1230	25	06			RADAR		10K0E	S9
21161.1	1235	08	06			RADAR		12K0E	
21165.0	1345	09	06			RADAR		12K0E	S9+
21298.0	0915	17	06			RADAR		20K0E	S7 5 sec. bursts
21412.0	1015	08	06			RADAR		12K0E	S9+ also 21172.0
21413.0	1210	04	06			RADAR		12K0E	S9+ also 21104.0
21422.0	1000	26	06			RADAR		14K0E	S6
24948.0	1030	21	06			RADAR		20K0E	S5
28600.0	0935	24	06			RADAR		20K0E	S7

REP. Paulo, CT2IWW

kHz	UTC	DD	MM	ITU	IDENT	MODE	BD /sps	SH / BW	DETAILS
7000.0	06:57	12	06			NON			
7050.0	21:21	14	06		5232	J7D	2400	1K80E	
7059.0	20:33	14	06	RUS		RADAR	40	12K0E	OTHR Contayner
7135.0	20:15	16	06	RUS		F1B	50	200H	
7135.0	20:17	16	06			XXX			jamming
14000.0	06:27	04	06			MIL-188-141CALE3 G	2400	CA3K0E	
14000.0	10:04	29	06			MIL-188-141CALE3 G	2400	CA3K0E	
14003.5	08:03	22	06			F1D	600	600H	
14004.0	08:10	22	06	RUS		J7D	120	2K60E	CIS-12
14008.0	05:06	16	06	RUS		F1B	50	250	FSK idling
14065.0	04:51	18	06			J3E-U			Spanish comms
14108.0	08:24	22	06	RUS		A1A	18		encrypted

REP. Paulo, CT2IWW

kHz	UTC	DD	MM	ITU	IDENT	MODE	BD /sps	SH / BW	DETAILS
14118.5	07:36	17	06			F1D	600	600H	
14122.0	12:00	18	06			J3E-U		2K70E	RUS/UKR war of words
14137.0	08:34	10	06			J3E-U			RUS/UKR war of words
14148.5	08:32	17	06			F1D	600	600H	
14149.0	07:26	02	06			J3E-U			RUS/UKR war of words
14153.0	09:38	17	06			RADAR	40	12K0E	OTHR Contayner
14154.0	10:23	10	06	CHN		RADAR	66.7	10K0E	OTHR bursts
14157.0	09:03	10	06	CHN		RADAR	66.7	10K0E	OTHR bursts
14165.0	08:36	10	06			XXX			unid chirp mode
14169.0	08:22	17	06	RUS		J7D	120	2K60E	CIS-12
14181.0	08:52	02	06	RUS		RADAR	40	12K0E	OTHR Contayner
14184.0	07:04	04	06	RUS		RADAR	40	12K0E	OTHR Contayner
14192.0	09:01	02	06	RUS		F1B	50	200H	
14192.0	07:10	22	06	RUS		F1B	50	200H	idling
14198.5	07:35	16	06			F1D	600	600H	
14200.0	08:20	02	06	CHN		RADAR	86	10K0E	Bursts 86pps
14204.0	09:09	02	06	CHN		RADAR	66.7	10K0E	
14212.0	07:44	02	06	RUS		RADAR	40	12K0E	OTHR Contayner
14251.5	07:27	22	06			F1D	600	600H	
14258.0	07:44	22	06			F1B	50	500H	unid
14298.5	07:30	02	06			F1D	600	600H	FSK 600bd
14298.5	06:10	04	06			J7D	2400	1K80E	unid
14314.0	09:04	10	06	CHN		RADAR	66.7	10K0E	OTHR bursts 66.7 / 50pps
14348.5	07:03	20	06			F1D	600	600H	
18067.0	07:05	22	06	CHN		RADAR	66.7	10K0E	partially inside amateur allocation
18082.0	06:02	18	06	G		RADAR	50	20K0E	Cyprus UK SBA
18083.0	05:09	16	06	G		RADAR	25	20K0E	Cyprus UK SBA
21113.0	15:39	15	06			F1B	50	200H	FSK / F1B
21145.0	08:48	11	06	MRC	U1	J7D	2400	1K80E	U1 clg MIRADOR2
21158.0	08:24	11	06	RUS		RADAR	40	12K0E	OTHR Contayner
21230.0	08:20	11	06	CHN		RADAR	50	10K0E	OTHR bursts
21290.0	13:51	15	06		170	J7D	2400	1K80E	MilALE
21399.0	10:17	25	06	G		RADAR	50	20K0E	Cyprus UK SBA
28005.0	18:24	03	06	B		A3E			AM, daily
28025.0	19:12	09	06	B		A3E			Disturbing CW ham
28045.0	18:56	02	06	B		J3E-U			USB
28045.0	18:57	02	06			F1B	51	300H	Enagal GPS buoy
28050.0	19:24	23	06	B		A3E			Brazil pirates
28055.0	19:15	09	06	B		A3E			Brazil pirates
28060.0	19:28	23	06			F1B	51	300H	Enagal GPS buoy
28070.0	07:45	23	06			F1B	51	300H	Enagal GPS buoy
28105.0	19:09	09	06	B		A3E			Disturbing digi QSOs
28125.0	19:16	09	06	B		A3E			disturbing WSPR tx

REP. Paulo, CT2IWW

kHz	UTC	DD	MM	ITU	IDENT	MODE	BD /sps	SH / BW	DETAILS
28205.0	19:10	09	06	B		A3E			Disturbing ham beacons
28235.0	18:30	01	06	B		A3E			Brazilian pirates
28265.0	18:29	01	06	B		A3E			Brazilian pirates
28285.0	15:13	15	06	B		A3E			Brazilian pirates
28300.4	18:47	02	06	B		J3E-L			Brazilian pirates LSB
28305.0	18:49	02	06	B		A3E			Multiple Brazilian pirates
28315.0	16:23	04	06	B		A3E			Brazilian pirate
28600.0	08:10	24	06	G		RADAR	50	20K0E	Cyprus UK SBA
29120.0	07:56	29	06	G		RADAR	25	20K0E	Cyprus UK SBA

SRAL. Pekka, OH2BLU

kHz	UTC	DD	MM	ITU	IDENT	MODE	BD /sps	SH / BW	DETAILS
7 MHz	1730-0730	*	6	RUS		RADAR	40 sps	13k0E	*) Days: 1. 3. 22. 26. (WebSDR 24d)
7008.0	0530-1115	*	6	RUS		F1B		250	*) Days: 12. 16. 20. 22.
7010.0	0925-1400/	*	6	RUS		J7D	120	2k60E	*) Days: 7. 20. 22. 27.
7021.0	0530-1400	27 30	6	RUS		J7D	120	2k60E	
7022.0	0500-1330	*	6	RUS		J7D	120	2k60E	*) Days: 6. 8. 18.
7025.0	0500-1630	*	6	RUS		F1B/A		200H	*) Days: 1. 2. 5. 6. 20. 22. 25. 27. 29. 5F
7027.0	0510-0600	22 27	6	RUS		F1B		200H	
7032.0	0820-1800	30	6	RUS		usb		3k50E	Brum 62.5 Hz
7034.0	1545-1715	*	6	RUS		F1B		250H	*) Days: 16. 27. 28.
7072.0	0620-1430	*	6	RUS		J7D		2k60E	*) Days: 4. 15. 16.
7074.0	0500-1800	17	6	RUS		J7D	120	2k60E	
7102.0	0445-1815	01 - 05	6	RUS		F1B		200H	
7135.0	0000-2400	01 - 30	6	RUS	RDL	F1B/A		200H	5F
7176.0	0800-1755	*	6	RUS		F1B		250H	
10 MHz	0400	25	6	G		RADAR	50 sps	20k0	(WebSDR 3d)
10 MHz	1530-0430	10	6	RUS		RADAR	40sps	13k0E	(WebSDR 9d)
14 MHz	0515-1815	*	6	RUS		RADAR	40sps	13k0E	*) Days: 1. - 13. 18. 19. 21. 23. 24. 28. 29. (WebSDR 27d)
14 MHz	0830-1830	*	6	CHN		RADAR	50/67/8 3.3 sps	10k0E	*) Days: 1. - 7. 9. - 14. 17. 18. 20. - 24. 26. 28. 29. 30. 'foghorn'

SRAL. Pekka, OH2BLU

kHz	UTC	DD	MM	ITU	IDENT	MODE	BD /sps	SH / BW	DETAILS
14008.0	0500-1430	*	6	RUS		F1B		250H	*) Days: 3. 4. 8. 10. 17. 24. -30.
14026.0	1050-1200	01 10	6	RUS		JD	120	2k60E	
14141.0	1125-1145	21	6	RUS		F1B		500H	
14108.0	1000-1200	12	6	RUS	OMPM etc	A1A	18wpm	40H	5BL
14177.0	0935-1435	28 30	6	RUS		F1B		200H	
14192.0	0430-1800	01 - 30	6	RUS		F1B		250H	
14198.0	0500-1800	*	6	RUS		F1B		250H	*) Days: 3. 4. 6. 8. 9.
14221.0	0450-0600/	01 - 30	6	KAZ		F1B		250H	On days 9. & 11. until 1000
14240.0	0550-1550	12 15	6	RUS		F1B		200H	
14258.0	0800-1230	16	6	RUS		F1B		450H	
18 MHz	0500-1200	*	6	G		RADAR	25/50 sps	20k0	*) Days: 16. 18. 23. (WebSDR 8d)
18 MHz	0530-1930	*	6	RUS		RADAR	40 sps	13k0E	*) Days: 1. 4. 8. 9. 11. 14. 17. 18. 19. 22. 23. 26. (WebSDR 14d)
21 MHz	0700-1600	*	6	G		RADAR	25/50 sps	20k0	*) Days: 1. 2. 7. 9. 12. 25. 27. (WebSDR 17d)
21 MHz	0445-1400	*	6	RUS		RADAR	40 sps	13k0E	*) Days: 4. 7. - 13. 18. 20. - 25. 27. 29. (WebSDR 14d)
21 MHz			6	CHN		RADAR	50sps	10k0E	(WebSDR 0d)
21 MHz	0445-1530	*	6	CHN		RADAR	50/67/8 3.3 sps	10k0E	*) Days: 4. 5. 13. 17. 22. 28. 29. 30. 'foghorn'
21113.0	0730-1230	*	6	RUS		F1B		200H	*) Days: 2. 15. 17. 29.
21438.0	/0830-0930	*	6	RUS	RCV	A1A	18 - 24 wpm	40H	*) Days: 1. 2. 4. 11. 14. 15. 18. 21. 23. 26. 27. 30.
24 MHz	0800-1100	21 23	6	G		RADAR	25/50sp s	20k0	(WebSDR 4d)
24 MHz	1200-1330	28	6	RUS		RADAR	40sps	13k0E	(WebSDR 3d)
28 MHz	0700-1800	*	6	G		RADAR	25/50sp s	20k0	*) Days: 3. 13. 18. 24. 25. 29. (WebSDR 4d)
28 MHz	0800-0830	13 28	6	RUS		F3E		5k0E	Taxi, 4 reports
29328.0	0820	24	6	RUS		F1B		400H	2f from 14664 kHz

VERON. Ruud, PG1R. Credit to monitors: Dick, PA0GRU

kHz	UTC	DD	MM	ITU	IDENT	MODE	BD /sps	SH / BW	DETAILS
7013.0	1510	12	06			XXX		4K0E	CF; unknown strong signal between 7011kHz and 7015kHz

VERON. Ruud, PG1R. Credit to monitors: Dick, PA0GRU									
kHz	UTC	DD	MM	ITU	IDENT	MODE	BD /sps	SH / BW	DETAILS
7050.0	1738	10	06	UKR		J3E-L		2K70E	UKR-RUS radiowar; comments; male voice
7055.0	1733	11	06	UKR/ RUS		J3E-L		3K20E	UKR-RUS radiowar; music/songs; 2 nd TX same freq. with comments male person
7060.0	1649	07	06	UKR		J3E-L		2K70E	UKR-RUS radiowar; comments; male voice
7060.0	1739	11	06	UKR		J3E-L		3K0E	UKR-RUS radiowar; comments male person & alarm sounds
7135.0	2053	06	06	RUS		F1B		200H	Printer
10123.0	1734	10	06	RUS		RADAR	40	12K0E	CF; OTHR Contayner
14008.0	1412	23	06	RUS		F1B		250H	Printer
14106.0	1517	25	06	RUS		RADAR	40	12K0E	CF; OTHR Contayner
14122.0	1424	19	06	UKR/ RUS		J3E-U		3K0E	UKR-RUS radiowar; comments male person
14154.0	1339	25	06	G		RADAR	12.5	20K0E	CF; OTHR British AB Cyprus
14158.0	1135	07	06	RUS		RADAR	40	12K0E	CF; OTHR Contayner
14160.0	1026	24	06			RADAR	Ca 5	8K0E	CF; OTHR; short burst; Russian DUGA back again?
14179.0	1646	07	06			RADAR	Ca 5	8K0E	CF; OTHR; Russian DUGA back again?
14192.0	1726	10	06	RUS		F1B		250H	Printer Kaliningrad; almost daily reported
14192.0	1005	12	06	RUS		F1B		200H	UiPtr
14192.0	1428	21	06	RUS		F1B		250H	Printer Kaliningrad; bad/distorted mod.; splatters
14200.0	1739	02	06	CHN		RADAR	50	10K0E	CF; OTHR; short bursts
14302.0	1737	02	06	CHN		RADAR	50	10K0E	CF; OTHR; short bursts
14328.0	1645	07	06	CHN		RADAR	50	10K0E	CF; OTHR; short bursts
14335.0	1740	02	06	CHN		RADAR	50	10K0E	CF; OTHR; short bursts
18115.0	1730	11	06	RUS		RADAR	40	12K0E	CF; OTHR Contayner
18125.0	1356	28	06	CHN		RADAR	50	10K0E	CF
18169.0	1352	28	06	G		RADAR	12.5	20K0E	CF; OTHR British AB Cyprus; partly in 17m band
21158.0	1206	26	06	RUS		RADAR	40	12K0E	CF; OTHR Contayner
21176.0	1017	24	06	RUS		RADAR	40	12K0E	CF; OTHR Contayner
28600.0	1014	24	06	G		RADAR	50	20K0E	CF; OTHR British AB Cyprus

Contact: Gaspar, EA6AMM. IARU IWS coordinator: iarums@iaru-r1.org

IARU IWS R1 coordinators: <https://www.iaru-r1.org/spectrum/monitoring-system/iarums-region-1-coordinators/>

Visit our website: <https://www.iaru-r1.org/about-us/committees-and-working-groups/iarums/>

