



# Intruder Watch Service

Monthly Newsletter - April 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
7033.0	00:58	02	04			UNKNOW N	200		
7040.0	19:43 vt*	04 vd*	04			F1B	20	7K0E	RUS NAVY FSK Signal, 2 times on Air, long lasting, West Russia nr Sewastopol, daily
7040.0	05:54	14	04			NON		CA3K0E	Signal moving up and down , never saw before, not local EMI
7055.0	17:37	22	04			J3E-L		2K70E	Radiowar, Music, NON Ham Voice : UKR vs RUS
7060.0	19:41	09	04	RUS		RADAR	40	12K0E	OTHR Contayner
7127.0	21:03	23	04	RUS		RADAR	40	12K0E	OTHR Contayner
7195.0	17:40	29	04			UNKNOW N		3K0E	
14265.0	20:40	27	04	CHN		RADAR	50	10K0E	OTHR Bursts
14340.0	06:52	13	04	RUS		RADAR	40	12K0E	OTHR Contayner
21242.0	16:06	01	04	G		RADAR	25	20K0E	OTHR Cyprus UK SBA ( 25hz mode )

**DARC. Harald, DL9NDW and team: DF5JL, DE2TRF**

kHz	UTC	DD	MM	ITU	IDENT	MODE	BD /sps	SH / BW	DETAILS
21352.0	14:08	05	04	G		RADAR	50	20K0E	OTHR Cyprus UK SBA

**IRTS. Michael, EI3GYB**

kHz	UTC	DD	MM	ITU	IDENT	MODE	BD /sps	SH / BW	DETAILS
5360	1810	09	04	RUS/ UKR		USB			Ukrainian-Russian radio war. Weak but persistent signal. Still audible at 2030z. Also heard on the 16th at 1830z and the 17th at 1900z.
6974	2150	14	04			RADAR			Radar from 6974 to 7004 kHz. Huge and persistent.
7055	1850	03	04	RUS/ UKR		LSB			Ukrainian-Russian radio war. Strong and persistent signals.
7060	0600	23	04	RUS/ UKR		LSB			Ukrainian-Russian radio war. Medium but persistent signals.
7090	2125	03	04			RADAR			Radar from 7090 to 7105 kHz. Strong and persistent.
7136	1900	17	04						F1B Strong and persistent.
7144	1855	15	04			PSK			Strong.
7177	0525	29	04			PSK			Medium signal, on and off.
10115	1345	16	04			RADAR			Radar from 10115 to 10130 kHz. Strong and persistent. Still on at 1445z.
10140	1828	11	04			RADAR			Radar from 10140 to 10165 kHz. Huge and persistent.
10145	1830	03	04			RADAR			Radar from 10145 to 10160 kHz. Strong and persistent.
14118.5	1055	15	04			F1B			Strong and persistent. Also heard on the 18th at 1230z and the 28th at 0630z.
14125	1140	04	04			RADAR			Radar from 14125 to 14160 kHz. Strong and persistent.
14134	1100	08	04			F1B			Strong and persistent.
14162	1010	01	04			PSK			Strong and persistent.
14170	1130	09	04			RADAR			Radar from 14170 to 14190 kHz. Medium but persistent signal.
14191	1335	01	04	RUS		F1B			Russian navy Kaliningrad. Strong and persistent. Every day all day long.
14220	0515	29	04			F1B			Medium but persistent signal.
14247	0805	04	04			FSK			North Korean embassy traffic. Strong and persistent.
14252	1430	03	04			F1B			Strong and persistent signal.
14295	1420	16	04			RADAR			Radar from 14295 to 14310 kHz. Strong and persistent.
14305	1435	03	04	CHN		RADAR			Radar from 14305 to 14315 kHz. Medium signal. Chinese Foghorn.
18161	1510	20	04	UK		RADAR			Radar from 18161 to 18186 kHz. Huge and persistent signal. UK base in Cyprus.
21090	0920	02	04			RADAR			Radar from 21090 to 21110 kHz. Strong and persistent. Still on at 1030z.
21150	1300	06	04			RADAR			Radar from 21150 to 21165 kHz. Strong and persistent.
21150	1440	20	04			RADAR			Radar from 21150 to 21180 kHz. Very weak.
21160	1125	29	04			RADAR			Radar from 21160 to 21180 kHz. Strong and

**IRTS. Michael, EI3GYB**

kHz	UTC	DD	MM	ITU	IDENT	MODE	BD /sps	SH / BW	DETAILS
									persistent.
21222	0930	23	04	MM		USB			South East Asian fishermen. Group of male voices. Chatting. Strong signals. Slowly fading out until fully gone at around 1030z.
21255	1000	27	04			RADAR			Radar from 21255 to 21270 kHz. Strong and persistent.
21310	1005	09	04			RADAR			Radar from 21310 to 21330 kHz. Strong and persistent. Still on at 1230z.
21310	1505	20	04			RADAR			Radar from 21310 to 21335 kHz. Very strong and persistent.
21342	1340	05	04			RADAR			Radar from 21342 to 21362 kHz. Strong and persistent. Still on at 1515z.
21395	1330	17	04			RADAR			Radar from 21395 to 21410 kHz. Very weak.
21400	1120	12	04	UK		RADAR			Radar from 21400 to 21415 kHz. Huge and persistent signal. UK base in Cyprus.
21430	0900	02	04	UK		RADAR			Radar from 21430 to 21455 kHz. Huge and persistent. Still on at 1000z. UK base in Cyprus.
21438	1130	02	04	UKR		CW			Russian navy, Sevastopol. Weak to medium signal. Heard a few times during the month.
24880	1245	08	04			RADAR			Radar from 24880 to 24900 kHz. Strong and persistent.
24895	1025	02	04			RADAR			Radar from 24895 to 24910 Khz. Medium but persistent signal.
28350	1115	05	04			RADAR			Radar from 28350 to 28380 kHz. Strong and persistent. Still on at 1300z.
28355	1425	03	04			RADAR			Radar from 28355 to 28375 kHz. Medium but persistent signal.
28883	1345	05	04			RADAR			Radar from 28883 to 28903 kHz. Weak but persistent signal.

**PZK. Mirek, SP5GNI**

kHz	UTC	DD	MM	ITU	IDENT	MODE	BD /sps	SH / BW	DETAILS
7098.0	1900	04	04			RADAR		12K0E	S9
7187.0	1720	02	04			RADAR		12K0E	S9+
14142.0	0610	05	04			RADAR		12K0E	S9
14160.0	0845	20	04			RADAR		10K0E	10 sec. Burst
14180.0	0845	20	04			RADAR		12K0E	S9++ also at 14336.0
14265.0	0935	28	04	RUS		CIS		3K0E	S9
14318.0	1655	14	04			RADAR		10K0E	3 sec. bursts
14320.0	1255	27	04			RADAR		10K0E	10 sec. Burst
14334.0	1405	16	04			RADAR		10K0E	3 sec. bursts
14340.0	1455	07	04			RADAR		12K0E	
14340.0	0930	13	04			RADAR		20K0E	S9+
21000.0	1155	15	04			RADAR		20K0E	
21170.0	1100	29	04			RADAR		20K0E	
21324.0	1130	09	04			RADAR		20K0E	
21327.0	0900	05	04			RADAR		10K0E	3 sec. bursts

**PZK. Mirek, SP5GNI**

kHz	UTC	DD	MM	ITU	IDENT	MODE	BD /sps	SH / BW	DETAILS
21353.0	1255	05	04			RADAR		20K0E	
28160.0	1235	07	04			RADAR		20K0E	
28364.0	1035	06	04			RADAR		20K0E	

**REP. Paulo, CT2IWW**

kHz	UTC	DD	MM	ITU	IDENT	MODE	BD /sps	SH / BW	DETAILS
7019.0	20:51	05	04	RUS		RADAR	40	12K0E	OTHR Contayner
14119.0	08:25	15	04	RUS	RDL	F1B	50	200H	FSK and CW
14130.0	07:59	19	04			J3E-U			Russia/Ukraine war of words
14183.0	08:26	15	04	RUS		RADAR	40	12K0E	OTHR Contayner
14253.0	15:18	10	04	RUS		F1B	75	250H	
14340.0	09:09	13	04	RUS		RADAR	40	12K0E	OTHR Contayner
21184.0	12:59	13	04			F1B	50	200H	FSK and CW
21266.0	09:57	27	04	RUS		RADAR	40	12K0E	OTHR Contayner
21301.0	09:45	29	04	CHN		RADAR	50	10K0E	OTHR bursts
24955.0	19:42	21	04	B		F3E			unid, non amateur Brazilian ops
28025.0	18:24	06	04			F1B	51	300H	Enagal GPS buoy mid Atlantic
28047.5	19:09	06	04			F1B	51	300H	Enagal GPS buoy
29100.0	12:07	02	04			XXX	1200	2K60E	29100.0 kHz USB, 1200bd QPSK Russian speaker counting, LSB

**SRAL. Pekka, OH2BLU**

kHz	UTC	DD	MM	ITU	IDENT	MODE	BD /sps	SH / BW	DETAILS
7 MHz	1745-0600	*	4	RUS		RADAR	40 sps	13k0E	*) Days: 3. 5. 10. 16. (WebSDR 25d)
7008.5	1200-1320	21 22	4	RUS		J7D	120	2k60E	
7021.0	0745-1515	*	4	RUS		J7D	120	2k60E	*) Days: 1. 7. 9. 13. 16. 23.
7022.0	1100-1330	*	4	RUS		J7D	120	2k60E	*) Days: 7. 13. 14. 16.
7030.0	1005-1245	11 16	4	RUS		J7D-dsb	120	6k0	
7035.0	0455-0615	21 22	4	RUS		J7D	120	2k60E	
7035.0	1215-1315	22	4	RUS		F1B		250H	
7035.1	0000-2400	01-30	4	RUS		R3E-l		3k60E	1 sec. tick, 240 Hz tone and hum
7045.0	1000-0800/	01 - 30	4	RUS		F1B	20	7k0	Alternate fq 7046.5 kHz
7057.5	0445-1600	*	4	RUS	QDGC etc	A1A	22-27 wpm	40H	*) Days: 12. - 15. 17. 20. 22. -25. 27. - 30.
7058.5	0615-1510	*	4	RUS	OSX7 etc	A1A	20wpm	40H	*) Days: 2. 4. 6.
7065.0	1000-0800/	01 - 30	4	RUS		F1B	20	7k0	Alternate fq 7066.5 kHz
7068.0	0835-1000	*	4	RUS		J7D	120	2k60E	*) Days: 7. 9. 21.

<b>SRAL. Pekka, OH2BLU</b>									
<b>kHz</b>	<b>UTC</b>	<b>DD</b>	<b>MM</b>	<b>ITU</b>	<b>IDENT</b>	<b>MODE</b>	<b>BD /sps</b>	<b>SH / BW</b>	<b>DETAILS</b>
7072.0	0830-1515	*	4	RUS		J7D	120	2k60E	*) Days: 11. 22. 24.
7088.0	0605-1800	23 - 26	4	RUS		F1B		200H	
7114.0	0440-1815	*	4	RUS	RDL	F1A/B		200H	*) Days: 2. 26. 27. 30.
7135.0	0400-1800	*	4	RUS		F1B/ NON		200H	*) Days: 15. 25. - 28.
7168.0	0630-1330/	02 22	4	RUS		F1B		250H	
7169.0	1210-1250	19	4	RUS		F1B		250H	
7176.0	0745-0905/	02 16	4	RUS		F1B		250H	
7176.0	0500-0530	09	4	RUS		J7D-dsb	120	6k0	
7198.0	1615-1800	03 09	4	RUS		J7D	120	2k60E	
10 MHz			4	G		RADAR	50 sps	20k0	(WebSDR 10d)
10 MHz	2200-1615	*	4	RUS		RADAR	40sps	13k0E	*) Days: 3. 4. 8. 11. 16. 18. 19. 21. 23. (WebSDR 16d)
14 MHz	0445-1815	*	4	RUS		RADAR	40sps	13k0E	*) Days: 3. 4. 5. 12. - 15. 17. 19. 22. 23. 24. 30. (WebSDR 19d)
14 MHz	0800-1800	*	4	CHN		RADAR	50/67sp s	10k0E	*) Days: 1. 3. 5. - 12. 16. 19. - 23. 25 26. 27. 29. 30. 'foghorn'
14000.0	0700-1800	*	4			RADAR		6k0E	SuperDARN. *) Days: 1. 6. 10. 13. - 17. 24. 25. 28. 29. 5 kHz raster up to 14045 kHz
14002.0	1000-1230/	07	4			F1B		850H	
14003.0	0615-0900/	06	4	RUS		F1B		250H	
14011.0	0800-1005/	06 13	4	RUS		F1B		250H	
14026.0	1020-1150	02 03	4	RUS		J7D	120	2k60E	
14046.0	0805-0855	02 13	4	RUS		J7D	120	2k60E	
14068.0	0500	16	4	RUS		F1B		500H	
14119.0	0540-1400	*	4	RUS		F1B		200H	*) Days: 23. 24. 26. 30.
14192.0	0450-1800	*	4	RUS		F1B		200H	*) Days: 1. 2. 7. 16.
14221.0	0400-0600/	01 - 30	4	KAZ		F1B		200H	
14237.0	0500-0530/	14	4	RUS		J7D	120	2k60E	
14253.0	0600-1605/	*	4	RUS		F1B		250H	*) Days: 3. 10. 17. 24. 27.
18 MHz	0400-1230	*	4	G		RADAR	50 sps	20k0	*) Days: 8. 9. 10. 23. 27. 29. (WebSDR 8d)
18 MHz	0500-1900	*	4	RUS		RADAR	40 sps	13k0E	*) Days: 3. 13. 14. 18. 19. 22. 25. 26. (WebSDR 5d)
21 MHz	0430-1815	*	4	G		RADAR	50/25 sps	20k0	*) Days: 1. 2. 4. - 7. 9. 11. 12. 14. 15. 17. 19. 20. 24. -26. 29. (WebSDR 20d)
21 MHz	0500-	*	4	RUS		RADAR	40 sps	13k0E	*) Days: 1. 3. 14. 15. 17. 20. 29. (WebSDR

**SRAL. Pekka, OH2BLU**

kHz	UTC	DD	MM	ITU	IDENT	MODE	BD /sps	SH / BW	DETAILS
	1800								7d)
21 MHz			4	CHN		RADAR	50sps	10k0E	(WebSDR 2d)
21 MHz	0800-1300	*	4	CHN		RADAR	50/67 sps	10k0E	*) Days: 1. 5. - 8. 11. 13. 14. 16. 17. 18. 20. 23. -25. 27. - 30. 'foghorn'
21438.0	/0830-1245	*	4	RUS	RCV	A1A	18 - 24 wpm	40H	*) Days: 2. 6. 7. 27. - 30.
24 MHz	0515-1615	*	4	G		RADAR	50/25sp s	20k0	*) Days: 2. 4. 8. 21. (WebSDR 5d)
24 MHz	0600-1445	02 12	4	RUS		RADAR	40sps	13k0E	(WebSDR 3d)
28 MHz	0630-1430	*	4	G		RADAR	50sps	20k0	*) Days: 1. 2. 5. 6. 7. (WebSDR 6d)
28 MHz			4	IRN		RADAR	150/313	60k0E	(WebSDR 0d)

**VERON. Ruud, PG1R. Credits to observer Dick PA0GRU**

kHz	UTC	DD	MM	ITU	IDENT	MODE	BD /sps	SH / BW	DETAILS
7016.0	2048	30	04	RUS		RADAR	40	12K0E	CF; OTHR Kontayner
7017.5	1900	28	04			XXX		2K40E	CF; unknown digital sig; bursts
7045.0	1733	06	04	RUS		F1B		7K0E	CF; long lasting; very strong, S9++; splattering
7046.5	1721	03	04	RUS		F1B		7K0E	Printer; long lasting; very strong; splattering
7046.5	1456	16	04	RUS		F1B		7K0E	CF
7055.0	1729	19	04	UKR		J3E-L		2K80E	2 male persons; Political comments & discussions; s9
7055.0	1741	20	04	UKR		J3E-L		3K0E	UKR-RUS radiowar; political slogans & comments; s9+
7060.0	1854	28	04	RUS		F1B		200H	Printer
7065.0	1721	03	04	RUS		F1B		7K0E	Printer; long lasting; very strong; splattering
7065.0	1451	16	04	RUS		F1B		7K0E	CF; shifted from 7066.5 CF
7066.5	1733	06	04	RUS		F1B		7K0E	CF; long lasting; very strong, S9++; splattering
7066.5	1450	16	04	RUS		F1B		7K0E	CF
7080.0	1732	06	04	RUS		F1B		200H	
7080.0	2053	30	04	RUS		F1B		200H	Printer
10109.0	1718	03	04	G		RADAR	50	20K0E	CF; OTHR British AB Cyprus
14118.0	0823	28	04			F1B		200H	UiPtr
14118.0	0909	30	04			F1B		200H	UiPtr
14119.0	1702	16	04	RUS		F1B		200H	Printer; very bad mod & noise
14130.0	0920	19	04	RUS/ UKR		J3E-L			RUS-UKR Radiowar; slogans
14140.0	1017	07	04			J3E-U			Continuous slogans; Slavic language
14303.0	1445	16	04	RUS		RADAR	40	12K0E	CF; OTHR Kontayner
18138.0	1722	19	04	RUS		RADAR	40	12K0E	CF; OTHR Kontayner

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Contact: Gaspar, EA6AMM. IARU IWS coordinator: [iarums@iaru-r1.org](mailto:iarums@iaru-r1.org)

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

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