

2021 IARU HF World Championship - Line Scores

Results are grouped by ITU zone.

Within each zone, results are sorted by location, type of category (SO, SOU, M), then by score in descending order.

Each result includes Category, Final Score, QSOs, Multipliers, and QSO data for each band.

Operating Category:

MSHP = Multioperator, Single Transmitter, High Power

SO-CW-HP = Single Operator, CW Only, High Power

SO-CW-LP = Single Operator, CW Only, Low Power

SO-CW-QRP = Single Operator, CW Only, QRP

SO-MIX-HP = Single Operator, Mixed Mode, High Power

SO-MIX-LP = Single Operator, Mixed Mode, Low Power

SO-MIX-QRP = Single Operator, Mixed Mode, QRP

SO-PH-HP = Single Operator, Phone Only, High Power

SO-PH-LP = Single Operator, Phone Only, Low Power

SO-PH-QRP = Single Operator, Phone Only, QRP

SOU-CW-HP = Single Operator Unlimited, CW Only, High Power

SOU-CW-LP = Single Operator Unlimited, CW Only, Low Power

SOU-CW-QRP = Single Operator Unlimited, CW Only, QRP

SQU-MIX-HP = Single Operator Unlimited, Mixed Mode, High Power

SOU-MIX-LP = Single Operator Unlimited, Mixed Mode, Low Power

SQU-MIX-ORP = Single Operator Unlimited, Mixed Mode, ORP

SQU-PH-HP = Single Operator Unlimited, Phone Only, High Power

SOU-PH-LP = Single Operator Unlimited, Phone Only, Low Power

SOU-PH-QRP = Single Operator Unlimited, Phone Only, QRP

[illegible]

IK3YBX	311,850	672	189	SOU-CW-LP	0/0	14/13	56/33	331/66	180/42	91/35	
4U1GSC (E73A, op)	300,730	949	145	SOU-CW-HP	21/14	30/12	102/22	235/40	341/29	220/28	
IV3FPX	264,992	533	224	SOU-CW-LP	16/16	27/27	50/42	232/63	144/45	64/31	
IO8O	249,148	588	199	SOU-CW-LP	0/0	0/0	138/57	153/59	220/45	77/38	
IZ4DYX	215,475	562	169	SOU-CW-LP	8/8	108/29	143/38	117/36	148/37	38/21	
IW5EDI	125,312	321	178	SOU-CW-LP	0/0	12/11	54/42	88/51	114/46	53/28	
IZ2JQP	122,675	368	175	SOU-CW-LP	0/0	24/21	45/33	166/55	80/38	53/28	
IZ8EFD	94,856	351	167	SOU-CW-LP	0/0	0/0	33/23	122/66	124/42	72/36	
IN3FHE	89,034	221	213	SOU-CW-LP	0/0	26/26	55/55	72/66	40/40	28/26	
IUØITX	84,987	271	133	SOU-CW-LP	2/2	36/25	30/21	113/36	55/28	35/21	
IZ3XEF	66,216	193	124	SOU-CW-HP	0/0	0/0	38/30	96/49	31/22	28/23	
IK2GZU	50,825	187	107	SOU-CW-HP	0/0	0/0	23/20	115/52	38/26	11/9	
IT9ORA	40,198	200	101	SOU-CW-LP	0/0	0/0	16/10	81/41	62/28	41/22	
IK3LLS	37,067	129	101	SOU-CW-HP	3/3	17/17	14/14	37/26	32/23	26/18	
IK1QBT	36,934	208	59	SOU-CW-LP	0/0	1/1	17/17	190/41	0/0	0/0	
IK2AOO	36,223	171	89	SOU-CW-LP	0/0	0/0	32/19	83/38	47/24	9/8	
IKØFUX	30,730	136	70	SOU-CW-HP	0/0	0/0	0/0	62/32	66/33	8/5	
IK3ORD	26,605	106	85	SOU-CW-HP	1/1	1/1	17/17	47/36	32/22	8/8	
IZ8GCB	22,754	206	31	SOU-CW-LP	0/0	0/0	0/0	206/31	0/0	0/0	
IK4DCX	22,494	141	69	SOU-CW-LP	0/0	0/0	13/10	49/32	59/16	20/11	
IKØNOJ	9,758	118	34	SOU-CW-LP	0/0	0/0	0/0	0/0	0/0	118/34	
IR1Q (IU1JCZ, op)	7,770	127	30	SOU-CW-HP	0/0	18/9	100/16	9/5	0/0	0/0	
IU2NSZ	5,148	69	52	SOU-CW-LP	0/0	0/0	12/12	26/16	18/13	13/11	
IW3IAU	1,885	39	29	SOU-CW-LP	0/0	0/0	0/0	19/11	8/7	12/11	
IC8FBU	553	41	7	SOU-CW-LP	0/0	0/0	23/4	0/0	0/0	18/3	
IK2CLB	99	9	9	SOU-CW-HP	1/1	1/1	1/1	1/1	1/1	4/4	
IR4M	3,442,069	3,128	331	MSHP	15/15	37/37	442/62	1,772/85	679/84	183/48	(Ops: IK4DCW, IK4HVR, IK4MGP, IK4WMA, IV3AZV, IW3FVZ, IZ3VTH, IZ4NIC)
IO9A	1,400,166	2,119	258	MSHP	3/3	46/37	177/54	883/69	766/59	244/36	(Ops: IT9SSI, IT9YVO)
IQ3RK	797,544	1,248	228	MSHP	4/4	17/13	248/64	573/80	218/46	188/21	(Ops: I3VUK, I3VWK, IK3CHK, IK3VUU, IZ3KSO, IZ3SQW)
I4WRTC	700,704	1,369	216	MSHP	0/0	41/28	221/36	596/74	242/44	269/34	(Ops: I4UFH, IK4LZH, IU4ICT)
IN3EYI	145,125	548	129	MSHP	0/0	69/25	148/34	242/34	65/24	24/12	(Ops: IN3EQD, IN3EYI, IN3NJB, IN3QGY, IN3RYF)
Macedonia											
Z32ZP	1,426	32	31	SO-MIX-LP	0/0	0/0	17/16	12/12	0/0	3/3	
Z33ST	343	24	7	SO-MIX-QRP	0/0	0/0	0/0	24/7	0/0	0/0	
Z35Y	6,040	121	20	SO-CW-LP	0/0	0/0	0/0	121/20	0/0	0/0	
Z33F	5,610	70	51	SO-CW-LP	0/0	0/0	10/9	20/15	20/15	20/12	
Z32ZZZ	552	26	8	SO-CW-LP	0/0	0/0	0/0	26/8	0/0	0/0	
Z36W	10,829	139	49	SOU-CW-LP	0/0	0/0	0/0	29/16	40/12	70/21	
Z39A	5,735	72	31	SOU-CW-LP	0/0	0/0	0/0	60/21	12/10	0/0	
Maritime Mobile											
SP4RKZ/MM	45	9	5	SO-MIX-LP	2/1	2/1	2/1	2/1	1/1	0/0	
Montenegro											
4O4T	25,110	219	62	SO-CW-LP	0/0	46/15	49/14	115/27	9/6	0/0	
4O3A	839,115	1,234	261	SOU-MIX-HP	48/33	0/0	139/61	407/75	540/61	100/31	
Poland											

SP9DTE	311,060	764	206	SO-MIX-HP	35/21	95/33	150/44	265/56	140/32	79/20	
SP8FHK	196,625	575	143	SO-MIX-HP	15/13	36/12	55/26	197/36	181/35	91/21	
SP5UFK	108,576	364	156	SO-MIX-LP	11/7	37/24	87/39	112/42	61/24	56/20	
SO3O	107,636	355	142	SO-MIX-HP	0/0	110/33	110/43	105/45	23/16	7/5	
SP2GCE	98,154	358	126	SO-MIX-LP	12/8	31/17	63/30	172/42	46/14	34/15	
SQ5J	77,280	450	84	SO-MIX-LP	17/7	117/16	152/25	113/21	37/11	14/4	
SP5C	66,660	401	101	SO-MIX-HP	23/19	182/36	34/14	9/8	136/14	17/10	
SP5ICS	63,882	298	117	SO-MIX-LP	0/0	27/19	57/29	107/34	74/22	33/13	
SP4NKJ	55,632	302	114	SO-MIX-QRP	0/0	17/10	57/27	119/36	60/22	49/19	
SP2HYO	53,955	208	109	SO-MIX-HP	28/18	46/30	58/26	47/19	14/8	15/8	
SP1G	50,625	230	135	SO-MIX-LP	23/16	9/5	40/26	49/30	66/33	43/25	
SP3HLM	49,536	170	128	SO-MIX-HP	0/0	11/10	70/48	19/18	48/36	22/16	
SP8EEX	43,460	204	106	SO-MIX-LP	17/15	12/9	47/28	77/31	40/15	11/8	
SP4AAZ	33,212	177	92	SO-MIX-LP	0/0	6/5	34/22	75/26	35/22	27/17	
SP6LMQ	23,902	137	74	SO-MIX-LP	2/1	2/1	7/6	68/35	51/26	7/5	
SP9JZT	19,198	124	58	SO-MIX-LP	2/1	2/1	17/14	95/37	2/1	6/4	
SP9SDR	18,870	141	85	SO-MIX-HP	13/12	24/15	28/20	31/17	28/13	17/8	
SP9GMI	16,920	150	36	SO-MIX-LP	0/0	0/0	21/7	51/12	43/12	35/5	
SP9KJU (SP9MDY, op)	15,876	122	98	SO-MIX-LP	2/1	18/13	34/26	29/24	27/23	12/11	
3ZØX	15,437	159	43	SO-MIX-HP	0/0	0/0	17/11	118/23	23/8	1/1	
SP4TB	13,696	117	64	SO-MIX-LP	2/1	14/13	2/1	67/30	20/14	12/5	
SP3DIK	12,195	120	45	SO-MIX-LP	2/1	4/3	2/1	96/33	2/1	14/6	
SQ3HTX	10,761	113	51	SO-MIX-LP	0/0	1/1	72/29	38/19	0/0	2/2	
SP3FSM	10,045	114	49	SO-MIX-LP	0/0	0/0	0/0	59/22	28/15	27/12	
SP4GHL	10,008	111	72	SO-MIX-LP	22/15	17/12	18/13	21/14	17/10	16/8	
HF5WIM	9,477	98	81	SO-MIX-LP	10/9	19/16	19/15	24/18	13/12	13/11	
SP7AWG	9,234	110	57	SO-MIX-LP	3/2	6/5	15/11	41/23	29/12	16/4	
SP3LD	8,520	75	60	SO-MIX-LP	9/9	4/4	10/10	26/18	15/12	11/7	
SP7TEX	8,325	103	45	SO-MIX-LP	2/1	3/2	17/11	43/18	20/9	18/4	
SN9M (SP9CLU, op)	8,282	112	41	SO-MIX-HP	2/1	4/3	106/37	0/0	0/0	0/0	
SP9RPW	8,184	116	33	SO-MIX-LP	3/2	3/2	10/6	47/11	27/7	26/5	
SP8AB	7,800	97	50	SO-MIX-HP	0/0	2/1	6/6	56/25	26/15	7/3	
SP5BBG	6,278	89	73	SO-MIX-LP	13/12	18/16	27/18	17/16	9/8	5/3	
SP5KCR	5,688	79	36	SO-MIX-LP	0/0	0/0	6/6	65/22	8/8	0/0	
SP9LDP	4,784	72	52	SO-MIX-LP	2/1	14/13	19/16	18/11	19/11	0/0	
SP2TMT	4,160	70	65	SO-MIX-LP	8/7	11/10	19/18	19/18	12/11	1/1	
SP6IHE	3,795	47	23	SO-MIX-LP	2/1	2/1	2/1	25/13	14/6	2/1	
SP3BES	3,627	66	31	SO-MIX-LP	0/0	0/0	0/0	66/31	0/0	0/0	
SP9ODF	3,450	78	25	SO-MIX-LP	2/1	2/1	2/1	31/12	19/6	22/4	
SP9DEM	3,406	49	26	SO-MIX-LP	2/1	2/1	1/1	41/21	2/1	1/1	
SP9MQA	3,042	50	39	SO-MIX-LP	0/0	0/0	12/12	21/16	15/9	2/2	
SP2X	2,684	56	44	SO-MIX-LP	22/19	5/3	13/11	2/1	2/1	12/9	
SP9GKJ	2,675	54	25	SO-MIX-LP	2/1	2/1	6/3	10/5	24/10	10/5	
SP9EZE	2,432	52	32	SO-MIX-LP	2/1	5/4	2/1	22/10	12/9	9/7	
SP7PFD (SP7MFR, op)	2,166	49	19	SO-MIX-LP	2/1	2/1	9/4	28/9	8/4	0/0	
SP3IOE	1,914	53	22	SO-MIX-HP	1/1	2/1	1/1	1/1	47/17	1/1	
SP9KAO (SP9JZT, op)	1,780	40	20	SO-MIX-LP	2/1	2/1	2/1	30/15	2/1	2/1	
SP3OKS	1,716	49	33	SO-MIX-LP	7/5	6/4	5/4	8/6	16/9	7/5	
SQ5DJ	1,426	38	23	SO-MIX-LP	0/0	0/0	38/23	0/0	0/0	0/0	
SP9BGS	1,419	39	33	SO-MIX-LP	2/1	9/6	11/9	4/4	7/7	6/6	

SP5GEO	1,400	44	35	SO-MIX-LP	1/1	10/7	17/14	9/8	4/3	3/2	
SP8PDE (SP8D, op)	1,260	31	20	SO-MIX-LP	2/1	2/1	5/4	14/9	6/4	2/1	
SQ9KDO	1,248	31	24	SO-MIX-LP	0/0	1/1	12/11	9/6	6/4	3/2	
SP6BVR	1,134	32	27	SO-MIX-LP	0/0	0/0	7/5	13/12	5/4	7/6	
SP9EMI	1,100	37	25	SO-MIX-LP	2/1	6/4	19/13	3/2	0/0	7/5	
SP8M	1,064	29	19	SO-MIX-LP	2/1	2/1	5/4	13/8	6/4	1/1	
SP3POB (SP3TYJ, op)	1,054	34	31	SO-MIX-LP	2/1	5/4	12/11	5/5	7/7	3/3	
SP8HPW	925	30	25	SO-MIX-HP	0/0	7/6	23/19	0/0	0/0	0/0	
SP9PTA (SQ9DDA, op)	918	30	17	SO-MIX-LP	2/1	2/1	2/1	21/12	1/1	2/1	
SP7MU	896	33	28	SO-MIX-HP	1/1	13/11	9/8	2/1	4/3	4/4	
SP6EF	880	29	20	SO-MIX-LP	2/1	4/3	3/2	8/6	5/4	7/4	
SP5ELW	780	29	15	SO-MIX-LP	3/2	2/1	4/3	2/1	4/3	14/5	
SP3JHY	621	27	23	SO-MIX-LP	0/0	5/4	6/5	6/5	5/5	5/4	
SP7FCX	600	20	10	SO-MIX-LP	0/0	7/3	4/3	8/3	1/1	0/0	
SP9YRU	560	28	20	SO-MIX-LP	2/1	2/1	18/15	2/1	2/1	2/1	
SP9MDY	520	26	20	SO-MIX-LP	2/1	4/3	14/13	2/1	2/1	2/1	
SP5PB	432	14	12	SO-MIX-LP	0/0	2/2	3/3	4/2	3/3	2/2	
SN9C (SP9KAJ, op)	352	20	16	SO-MIX-LP	0/0	8/5	12/11	0/0	0/0	0/0	
SP7CVW	351	19	13	SO-MIX-LP	2/1	2/1	3/2	4/3	6/5	2/1	
3Z2ØOIF	323	21	17	SO-MIX-LP	2/1	4/3	11/10	1/1	1/1	2/1	
SP9SMD	299	19	13	SO-MIX-HP	2/1	2/1	2/1	2/1	6/5	5/4	
SQ9HZM	285	20	15	SO-MIX-HP	1/1	2/1	10/9	3/2	2/1	2/1	
SP5MBI	238	19	14	SO-MIX-LP	2/1	2/1	2/1	10/9	2/1	1/1	
SP2MHC	220	21	11	SO-MIX-LP	4/2	4/2	4/2	4/2	3/2	2/1	
SQ2BNM	165	16	11	SO-MIX-LP	0/0	2/1	7/6	3/2	2/1	2/1	
SP8JMA	162	15	9	SO-MIX-LP	2/1	2/1	2/1	5/4	2/1	2/1	
SP6U	152	15	8	SO-MIX-LP	2/1	2/1	2/1	5/3	2/1	2/1	
SQ9DEO	140	12	10	SO-MIX-LP	0/0	2/1	2/1	1/1	4/4	3/3	
SP2HMY	126	11	6	SO-MIX-QRP	0/0	0/0	0/0	4/4	7/2	0/0	
SP6EFY	112	13	8	SO-MIX-LP	2/1	2/1	2/1	2/2	2/1	3/2	
SP8BVO	108	12	9	SO-MIX-LP	2/1	2/1	4/3	0/0	2/2	2/2	
SP3V	72	12	6	SO-MIX-LP	2/1	2/1	2/1	2/1	2/1	2/1	
SP5MBA	72	12	6	SO-MIX-HP	2/1	2/1	2/1	2/1	2/1	2/1	
SP6BCC	72	12	6	SO-MIX-LP	2/1	2/1	2/1	2/1	2/1	2/1	
SP7ASZ	72	12	6	SO-MIX-LP	2/1	2/1	2/1	2/1	2/1	2/1	
SP7GAQ	72	12	6	SO-MIX-LP	2/1	2/1	2/1	2/1	2/1	2/1	
SP64GBC	70	12	7	SO-MIX-LP	0/0	2/1	4/2	3/2	2/1	1/1	
SQ9PPT	70	10	7	SO-MIX-LP	6/5	2/1	2/1	0/0	0/0	0/0	
SP2HOU	66	11	6	SO-MIX-LP	2/1	2/1	2/1	2/1	1/1	2/1	
SP9NWG	66	11	6	SO-MIX-LP	1/1	2/1	2/1	2/1	2/1	2/1	
SP9OJM	66	11	6	SO-MIX-LP	2/1	2/1	2/1	2/1	2/1	1/1	
SP9DFP	60	10	6	SO-MIX-LP	2/1	2/1	2/1	1/1	2/1	1/1	
SP2FMN	50	10	5	SO-MIX-LP	2/1	2/1	2/1	2/1	2/1	0/0	
SP3GRQ	50	10	5	SO-MIX-LP	0/0	2/1	2/1	2/1	2/1	2/1	
SQ5CQ	50	10	5	SO-MIX-LP	2/1	2/1	2/1	2/1	2/1	0/0	
SQ3VV	48	8	6	SO-MIX-LP	2/1	3/2	1/1	1/1	1/1	0/0	
SP2KFU	35	8	5	SO-MIX-LP	2/1	2/1	1/1	1/1	2/1	0/0	
SQ3FUN	24	6	4	SO-MIX-LP	2/1	1/1	2/1	0/0	1/1	0/0	
SP7SUM	5	1	1	SO-MIX-QRP	0/0	0/0	0/0	0/0	0/0	1/1	
SP6VWX	167,362	561	157	SO-PH-LP	16/13	82/29	82/30	179/39	130/30	72/16	

SQ7OTK	145,326	516	159	SO-PH-LP	0/0	147/34	161/37	123/50	63/26	22/12	
SP4SHD	91,732	369	142	SO-PH-LP	0/0	54/28	80/32	118/40	95/31	22/11	
SP1FRC	88,622	336	146	SO-PH-LP	13/13	39/27	75/30	142/41	52/27	15/8	
SN3N (SP3ATB, op)	76,164	334	132	SO-PH-LP	0/0	55/31	78/37	97/32	53/19	51/13	
SP1JJY	74,844	348	126	SO-PH-LP	1/1	77/26	106/29	48/28	88/31	28/11	
SP5TE	72,930	305	130	SO-PH-LP	9/9	36/24	44/26	94/38	90/24	32/9	
SP7O	71,262	345	111	SO-PH-LP	1/1	69/25	123/33	104/32	35/13	13/7	
SO9B (SQ9IUB, op)	70,308	300	126	SO-PH-LP	2/2	30/23	50/28	119/38	70/22	29/13	
SP2EUI	57,625	271	125	SO-PH-LP	4/4	33/26	52/31	86/37	59/20	37/7	
SP2AWJ	45,047	259	107	SO-PH-LP	0/0	9/9	29/21	111/37	74/25	36/15	
SQ4CTS	43,524	264	108	SO-PH-LP	0/0	39/21	64/26	68/31	70/22	23/8	
SQ8MXE	41,912	218	104	SO-PH-LP	3/3	13/13	31/20	87/33	55/24	29/11	
SQ9KQS	40,860	239	90	SO-PH-LP	0/0	15/14	16/16	128/31	58/18	22/11	
SQ6POC	38,675	202	119	SO-PH-LP	13/12	19/16	26/20	70/35	45/24	29/12	
SP4LVK	37,944	220	102	SO-PH-QRP	2/2	13/12	28/20	89/34	58/22	30/12	
SQ9ANS	33,592	197	104	SO-PH-LP	9/9	18/14	38/24	82/34	36/16	14/7	
HF7A	32,421	190	107	SO-PH-LP	0/0	53/29	58/32	27/18	35/20	17/8	
SP9MAT	32,389	288	49	SO-PH-LP	0/0	0/0	0/0	288/49	0/0	0/0	
SP9ODM	31,188	192	92	SO-PH-LP	0/0	30/23	38/26	73/28	51/15	0/0	
SQ9CXC	25,088	169	98	SO-PH-LP	0/0	36/25	43/24	51/26	18/11	21/12	
SQ5DTL	23,715	162	85	SO-PH-LP	0/0	12/9	46/27	72/29	15/12	17/8	
SP3DAT	22,792	164	77	SO-PH-LP	0/0	5/5	20/19	67/26	45/18	27/9	
SP2JMR	22,355	141	85	SO-PH-HP	8/8	9/9	20/17	53/25	23/14	28/12	
SP5DRE	19,943	144	77	SO-PH-LP	0/0	4/3	34/24	57/30	17/8	32/12	
SP3BMT	19,637	144	73	SO-PH-LP	2/2	0/0	37/20	56/26	36/15	13/10	
SQ6ELK	19,280	147	80	SO-PH-LP	0/0	4/4	23/21	62/31	40/15	18/9	
SP3OS	17,963	142	71	SO-PH-LP	0/0	5/5	22/19	68/30	24/9	23/8	
SN5L	17,114	147	86	SO-PH-LP	0/0	33/22	32/20	46/24	33/17	3/3	
SP7MP	13,510	127	70	SO-PH-LP	0/0	38/22	44/24	12/9	31/13	2/2	
SP2TQQ	13,360	109	80	SO-PH-LP	0/0	23/19	26/20	29/21	15/12	16/8	
SQ8MFM	12,528	110	108	SO-PH-LP	14/14	16/16	25/25	27/25	18/18	10/10	
SP9MKG	11,536	122	56	SO-PH-LP	0/0	0/0	9/9	50/23	33/15	30/9	
SP3JB	10,626	106	69	SO-PH-LP	1/1	12/12	30/23	29/18	21/8	13/7	
SP3PGR (SO3AKU, op)	10,570	106	70	SO-PH-LP	1/1	12/12	31/24	28/18	21/8	13/7	
SP6MI	10,494	98	66	SO-PH-LP	0/0	13/10	21/16	47/25	10/8	7/7	
SP1MWF	10,044	111	62	SO-PH-LP	0/0	15/13	29/22	67/27	0/0	0/0	
SP4SAF	9,867	92	69	SO-PH-LP	1/1	16/15	29/20	24/20	10/8	12/5	
SP8BOZ	9,480	107	60	SO-PH-LP	0/0	8/8	22/15	57/26	20/11	0/0	
SP3DFB	9,028	103	61	SO-PH-LP	0/0	1/1	43/26	11/11	31/14	17/9	
SP4KZ	8,978	111	67	SO-PH-LP	0/0	11/10	15/15	41/19	31/16	13/7	
SP9GZW	8,304	100	48	SO-PH-LP	0/0	0/0	21/15	79/33	0/0	0/0	
SP5RST	8,265	99	57	SO-PH-LP	1/1	1/1	24/19	45/22	27/13	1/1	
SQ9EDZ	7,695	93	57	SO-PH-LP	1/1	11/8	16/12	49/26	16/10	0/0	
SP7MFU	7,650	95	51	SO-PH-LP	0/0	3/3	24/18	34/14	22/9	12/7	
SP1EG	7,497	93	63	SO-PH-LP	6/6	28/19	32/21	27/17	0/0	0/0	
3Z9ØDZC	5,830	76	55	SO-PH-LP	0/0	17/15	12/12	29/18	14/7	4/3	
SN9B	4,482	90	27	SO-PH-LP	0/0	4/4	53/14	33/9	0/0	0/0	
SP7SF	4,400	50	44	SO-PH-LP	0/0	13/13	15/14	22/17	0/0	0/0	
SP8BQL	3,956	60	43	SO-PH-HP	0/0	5/5	5/5	42/25	5/5	3/3	
SP9HAN	3,783	69	39	SO-PH-LP	0/0	2/2	17/13	15/8	29/13	6/3	

SQ5CZN	3,705	65	65	SO-PH-LP	7/7	9/9	19/19	19/19	11/11	0/0	
SQ2MTK	3,034	50	37	SO-PH-LP	0/0	0/0	13/11	30/19	3/3	4/4	
SP6FAF	2,928	43	24	SO-PH-LP	0/0	0/0	0/0	37/19	5/4	1/1	
SP9HXJ	2,775	57	37	SO-PH-LP	0/0	23/18	0/0	11/8	23/11	0/0	
SP5TM	2,485	45	35	SO-PH-LP	1/1	8/8	19/15	10/6	6/4	1/1	
SP9CLO	2,442	38	33	SO-PH-HP	0/0	10/10	15/13	13/10	0/0	0/0	
SN9CZ	2,400	53	40	SO-PH-LP	1/1	17/12	14/12	19/13	1/1	1/1	
SO4ATA	2,296	56	28	SO-PH-LP	0/0	0/0	0/0	56/28	0/0	0/0	
SP5SJR	2,201	53	31	SO-PH-LP	0/0	9/7	12/8	22/11	5/3	5/2	
SQ7WOJ	2,139	41	31	SO-PH-LP	0/0	12/12	10/8	19/11	0/0	0/0	
SN1A	1,738	49	22	SO-PH-LP	0/0	0/0	0/0	30/15	19/7	0/0	
SQ3MZ	1,674	38	31	SO-PH-LP	0/0	10/10	1/1	25/18	2/2	0/0	
SQ6R	1,378	31	26	SO-PH-HP	0/0	4/4	9/9	1/1	14/9	3/3	
3Z7Z (SQ9OZM, op)	1,352	35	26	SO-PH-LP	0/0	0/0	8/8	12/8	6/5	9/5	
SP4KW	1,144	30	22	SO-PH-LP	0/0	0/0	3/3	16/11	10/7	1/1	
SP6KAM	936	28	26	SO-PH-LP	0/0	8/8	4/4	12/10	3/3	1/1	
SN7M	805	27	23	SO-PH-HP	0/0	10/10	0/0	3/3	13/9	1/1	
SO1SS	620	21	20	SO-PH-LP	0/0	1/1	5/5	3/3	6/6	6/5	
SP2JBJ	616	27	22	SO-PH-LP	0/0	27/22	0/0	0/0	0/0	0/0	
SP8CHI	450	15	10	SO-PH-LP	0/0	0/0	3/3	10/5	2/2	0/0	
SP5NZF	416	19	13	SO-PH-LP	0/0	0/0	19/13	0/0	0/0	0/0	
SQ7PSS	360	18	15	SO-PH-LP	0/0	2/2	1/1	12/9	0/0	3/3	
SP5MSW	336	19	16	SO-PH-LP	0/0	1/1	5/5	13/10	0/0	0/0	
SP6GBP	280	14	14	SO-PH-LP	0/0	1/1	5/5	6/6	1/1	1/1	
SQ5Q	240	12	12	SO-PH-LP	0/0	0/0	4/4	8/8	0/0	0/0	
HF7ST	187	13	11	SO-PH-LP	1/1	1/1	1/1	3/3	6/4	1/1	
SP9TDA	160	12	10	SO-PH-LP	1/1	1/1	1/1	6/4	2/2	1/1	
SP2EXN	143	13	13	SO-PH-LP	6/6	1/1	1/1	1/1	1/1	3/3	
SP5DJ	130	10	10	SO-PH-LP	0/0	2/2	8/8	0/0	0/0	0/0	
SP9MIG	96	9	6	SO-PH-LP	0/0	0/0	0/0	9/6	0/0	0/0	
SN6L (SP6FAF, op)	63	7	7	SO-PH-LP	0/0	0/0	0/0	6/6	0/0	1/1	
SP8DIP	25	5	5	SO-PH-LP	0/0	5/5	0/0	0/0	0/0	0/0	
SQ3NQD	25	5	5	SO-PH-LP	1/1	1/1	1/1	1/1	1/1	0/0	
SP4KHM (SP4EJZ, op)	16	4	4	SO-PH-LP	0/0	1/1	1/1	1/1	1/1	0/0	
SP8UEQ	16	4	4	SO-PH-LP	1/1	2/2	1/1	0/0	0/0	0/0	
SQ3DQ	16	4	4	SO-PH-LP	0/0	0/0	0/0	0/0	0/0	4/4	
HF7STA	9	3	3	SO-PH-LP	1/1	1/1	1/1	0/0	0/0	0/0	
SP2OFS	9	3	3	SO-PH-LP	0/0	1/1	1/1	1/1	0/0	0/0	
SP8OOB	9	3	3	SO-PH-LP	1/1	1/1	1/1	0/0	0/0	0/0	
SP3GVG	6	2	1	SO-PH-LP	0/0	0/0	0/0	2/1	0/0	0/0	
SP9UOA	1	0	0	SO-PH-LP	0/0	0/0	0/0	0/0	0/0	0/0	
SQ6SGT	1	1	1	SO-PH-LP	0/0	1/1	0/0	0/0	0/0	0/0	
SP7CF	530,556	795	247	SO-CW-LP	31/25	86/41	122/44	385/75	124/39	47/23	
SP1AEN	504,576	720	256	SO-CW-LP	49/30	85/43	205/61	259/68	81/33	41/21	
SP2FAP	318,060	666	190	SO-CW-HP	0/0	80/33	212/54	251/58	99/34	24/11	
SP5AUC	313,432	1,051	116	SO-CW-HP	48/11	100/14	183/23	367/34	286/26	67/8	
SP9ENV	236,638	605	179	SO-CW-HP	18/13	119/30	130/39	217/47	80/30	41/20	
SP4IGV	134,232	405	119	SO-CW-HP	0/0	0/0	23/19	288/64	60/21	34/15	
SP9R (SP9BRP, op)	104,103	367	129	SO-CW-LP	0/0	0/0	117/38	125/45	93/32	32/14	
SP5GDY	96,096	293	143	SO-CW-LP	6/6	39/30	16/15	131/49	61/27	40/16	

SP8BXL	86,317	345	133	SO-CW-LP	6/6	35/22	69/32	159/43	67/25	9/5	
SP9KAG (SP9CXN, op)	74,160	297	120	SO-CW-LP	0/0	49/25	68/26	127/39	40/22	13/8	
SN2N (SP2FVN, op)	73,025	286	127	SO-CW-HP	23/16	15/12	3/3	114/38	98/38	33/20	
SP2AYC	61,383	255	111	SO-CW-LP	0/0	29/16	61/32	107/33	35/20	23/10	
SP3CCT	58,480	252	80	SO-CW-LP	0/0	0/0	8/7	183/47	33/15	28/11	
SP2XX	44,072	309	56	SO-CW-HP	0/0	0/0	0/0	309/56	0/0	0/0	
SP1C	41,266	202	94	SO-CW-QRP	0/0	12/9	37/27	110/35	27/12	16/11	
SP5GQX	29,388	139	79	SO-CW-HP	0/0	0/0	0/0	47/30	71/35	21/14	
SQ9I	27,186	198	69	SO-CW-LP	0/0	94/22	54/21	30/10	7/7	13/9	
SQ2RH	24,080	175	86	SO-CW-QRP	0/0	32/19	27/18	66/24	37/17	13/8	
SN6A (SP6CES, op)	21,842	150	67	SO-CW-HP	4/4	12/12	42/20	90/29	1/1	1/1	
SP2ASJ	21,312	207	48	SO-CW-HP	1/1	32/14	20/9	106/17	48/7	0/0	
SP3DOF	20,164	141	71	SO-CW-LP	0/0	37/22	85/36	13/9	6/4	0/0	
SP3FPF	18,315	181	45	SO-CW-LP	0/0	0/0	0/0	0/0	181/45	0/0	
SP1DMD	10,545	115	57	SO-CW-LP	0/0	0/0	52/31	0/0	30/12	33/14	
SP5AMN	10,251	113	67	SO-CW-HP	9/8	9/9	46/23	13/8	36/19	0/0	
SP9NH	8,704	122	32	SO-CW-HP	14/4	22/4	7/3	37/11	25/5	17/5	
3Z8Z	8,064	110	36	SO-CW-LP	0/0	0/0	0/0	110/36	0/0	0/0	
SP5GH	7,800	40	39	SO-CW-HP	0/0	5/5	13/12	18/18	2/2	2/2	
SP6ECA	7,392	84	84	SO-CW-HP	0/0	4/4	28/28	23/23	18/18	11/11	
SQ2ICX	5,106	52	37	SO-CW-QRP	0/0	0/0	0/0	15/11	15/12	22/14	
SP4G	4,440	85	24	SO-CW-LP	6/6	79/18	0/0	0/0	0/0	0/0	
SP3AMO	3,640	59	52	SO-CW-LP	18/16	12/12	4/3	10/8	8/7	7/6	
SP5FHF	3,444	67	28	SO-CW-LP	0/0	3/3	20/10	19/8	13/4	12/3	
SP4JWR	2,196	39	36	SO-CW-LP	0/0	39/36	0/0	0/0	0/0	0/0	
SP2FOV	1,596	44	19	SO-CW-LP	0/0	0/0	0/0	0/0	0/0	44/19	
SQ8KFM	1,425	28	25	SO-CW-LP	12/11	4/3	4/3	8/8	0/0	0/0	
SP5DIR	952	22	17	SO-CW-LP	1/1	1/1	7/6	1/1	1/1	11/7	
SP5PWA (SP5SSB, op)	928	29	29	SO-CW-LP	0/0	15/15	10/10	3/3	0/0	1/1	
SP2CBS	688	22	8	SO-CW-LP	0/0	0/0	8/4	14/4	0/0	0/0	
SP8SW	588	22	21	SO-CW-LP	0/0	3/3	5/4	5/5	3/3	6/6	
SQ5WWK	480	24	24	SO-CW-LP	0/0	0/0	8/8	12/12	4/4	0/0	
SP2FWC	408	19	17	SO-CW-LP	0/0	0/0	19/17	0/0	0/0	0/0	
SP2JMB	144	12	12	SO-CW-LP	0/0	2/2	3/3	1/1	2/2	4/4	
SP7ETD	144	12	12	SO-CW-LP	0/0	3/3	5/5	0/0	0/0	4/4	
SP5WAZ	263,174	643	181	SOU-MIX-LP	39/22	77/30	77/37	372/59	53/18	25/15	
SQ3WW	209,293	516	203	SOU-MIX-LP	23/17	64/35	133/46	115/44	131/42	50/19	
SQ8LUU	187,195	678	145	SOU-MIX-HP	0/0	212/30	146/36	232/42	61/22	27/15	
SP5GNI	113,544	396	152	SOU-MIX-HP	15/12	26/24	52/31	220/48	57/25	26/12	
SP3EMA	72,520	307	140	SOU-MIX-LP	9/7	17/15	51/30	130/43	60/28	40/17	
SP6FXY	58,330	199	95	SOU-MIX-LP	3/2	2/1	24/14	90/37	56/30	24/11	
SP2V	56,810	241	130	SOU-MIX-HP	30/24	59/29	61/30	72/35	14/9	5/3	
SQ8N	30,940	167	65	SOU-MIX-HP	2/1	2/1	11/4	100/33	38/18	14/8	
SP5JSZ	26,544	185	84	SOU-MIX-LP	0/0	9/6	21/13	66/30	36/17	53/18	
SP3ZHP (SQ3JPV, op)	22,776	172	73	SOU-MIX-HP	30/24	58/18	43/15	37/14	2/1	2/1	
SN3R	20,540	197	65	SOU-MIX-LP	0/0	54/28	143/37	0/0	0/0	0/0	
SP4W	20,205	196	45	SOU-MIX-HP	2/1	15/7	80/15	94/18	2/1	3/3	
SP6AEG	19,276	134	79	SOU-MIX-HP	8/7	55/20	18/16	44/30	7/5	2/1	
SP9TPZ	18,275	144	85	SOU-MIX-HP	17/13	27/21	16/14	31/16	31/10	22/11	
SQ3POS	14,014	105	49	SOU-MIX-LP	1/1	1/1	4/3	80/34	0/0	19/10	

SP2WGB	13,199	112	67	SOU-MIX-LP	2/2	3/3	22/16	41/22	29/14	15/10	
SP9RQH	10,317	113	57	SOU-MIX-QRP	2/1	2/1	20/13	36/22	34/12	19/8	
SQ8L	9,275	86	25	SOU-MIX-LP	0/0	0/0	4/3	82/22	0/0	0/0	
SP5EWX	7,540	91	52	SOU-MIX-LP	2/1	4/3	9/7	37/23	17/9	22/9	
SP4JFR	7,518	60	42	SOU-MIX-LP	1/1	2/1	7/5	39/28	10/6	1/1	
SQ7BFS	7,310	105	43	SOU-MIX-HP	22/9	28/8	2/1	42/18	2/1	9/6	
SQ9ZAX	6,290	67	34	SOU-MIX-LP	2/1	2/1	3/2	50/24	8/5	2/1	
SP3MKS	3,520	64	40	SOU-MIX-HP	2/1	2/1	22/17	7/5	24/12	7/4	
SQ3R	2,673	39	27	SOU-MIX-LP	2/1	2/1	20/16	11/7	2/1	2/1	
SP2IKP	2,400	41	25	SOU-MIX-LP	0/0	0/0	0/0	41/25	0/0	0/0	
SP4ADZ	1,460	31	20	SOU-MIX-HP	2/1	2/1	2/1	19/13	4/3	2/1	
SO4P (SP4DEU, op)	1,197	50	19	SOU-MIX-HP	0/0	1/1	5/4	2/1	2/2	40/11	
SP5ELA	1,188	41	18	SOU-MIX-LP	5/3	2/1	11/4	3/2	9/3	11/5	
SP7M	1,134	36	21	SOU-MIX-LP	2/1	2/1	2/1	2/1	21/12	7/5	
SP9TPV	972	35	27	SOU-MIX-HP	10/9	2/1	2/1	7/5	8/6	6/5	
SN5V	715	15	13	SOU-MIX-HP	0/0	0/0	1/1	10/8	0/0	4/4	
SP5PBE (SQ5BPF, op)	675	31	15	SOU-MIX-LP	3/2	2/1	7/3	2/1	7/3	10/5	
SN2S (SP2MHD, op)	638	25	22	SOU-MIX-LP	0/0	7/5	16/15	2/2	0/0	0/0	
SP6DNZ	561	23	17	SOU-MIX-HP	4/3	2/1	2/1	7/6	5/4	3/2	
SP1MGM	544	24	16	SOU-MIX-HP	3/2	2/1	2/1	3/2	4/3	10/7	
SN5W (SQ5OUO, op)	504	28	14	SOU-MIX-LP	3/2	2/1	7/3	2/1	7/3	7/4	
SN6S (SP6ZC, op)	432	24	18	SOU-MIX-HP	4/3	6/5	6/5	4/3	2/1	2/1	
SQ9IDE	330	20	11	SOU-MIX-HP	2/1	10/6	2/1	2/1	2/1	2/1	
SP73VOT (SP5-73-ØØ2, op)	276	21	12	SOU-MIX-LP	3/2	2/1	4/3	2/1	5/2	5/3	
SQ9DHS	225	14	9	SOU-MIX-LP	0/0	1/1	1/1	7/4	2/1	3/2	
SP3JDZ	220	14	11	SOU-MIX-HP	2/1	2/1	2/1	2/2	3/3	3/3	
SP5GBT	216	16	12	SOU-MIX-LP	2/2	1/1	6/3	1/1	3/2	3/3	
SP5IOU	216	19	12	SOU-MIX-HP	2/1	2/1	2/1	2/1	6/4	5/4	
SP5FKW	209	17	11	SOU-MIX-HP	2/2	5/3	2/1	2/1	3/2	3/2	
SP6IWG	207	13	9	SOU-MIX-HP	2/1	2/1	1/1	2/2	3/2	3/2	
SP9RHN	200	16	10	SOU-MIX-HP	2/1	2/1	4/3	2/1	2/1	4/3	
SP5AUY	192	12	8	SOU-MIX-HP	0/0	2/1	2/1	0/0	5/4	3/2	
SQ2CFB	187	15	11	SOU-MIX-LP	2/2	2/1	2/2	2/1	3/2	4/3	
SQ1WO	165	16	11	SOU-MIX-LP	2/1	2/1	7/6	2/1	2/1	1/1	
SP3QDM	152	14	8	SOU-MIX-HP	2/1	2/1	2/1	4/3	2/1	2/1	
SP5DXM	150	15	10	SOU-MIX-LP	2/2	1/1	5/3	2/1	3/2	2/1	
SP5XXX	117	13	9	SOU-MIX-LP	2/2	1/1	3/2	2/1	3/2	2/1	
3Z5N	72	12	6	SOU-MIX-HP	2/1	2/1	2/1	2/1	2/1	2/1	
SN2RB (SP2CA, op)	72	12	6	SOU-MIX-HP	2/1	2/1	2/1	2/1	2/1	2/1	
SN6O (SP6DIL, op)	72	12	6	SOU-MIX-HP	2/1	2/1	2/1	2/1	2/1	2/1	
SP1IVL	72	12	6	SOU-MIX-HP	2/1	2/1	2/1	2/1	2/1	2/1	
SP2GJV	72	12	6	SOU-MIX-HP	2/1	2/1	2/1	2/1	2/1	2/1	
SP3CMX	72	14	8	SOU-MIX-LP	2/1	2/1	2/1	3/2	2/1	3/2	
SP3GRH	72	12	6	SOU-MIX-HP	2/1	2/1	2/1	2/1	2/1	2/1	
SP3HSZ	72	12	6	SOU-MIX-HP	2/1	2/1	2/1	2/1	2/1	2/1	
SP3JBI	72	12	6	SOU-MIX-HP	2/1	2/1	2/1	2/1	2/1	2/1	
SP3KAU	72	12	6	SOU-MIX-HP	2/1	2/1	2/1	2/1	2/1	2/1	
SP3KWA	72	12	6	SOU-MIX-HP	2/1	2/1	2/1	2/1	2/1	2/1	
SP3LPR	72	12	6	SOU-MIX-HP	2/1	2/1	2/1	2/1	2/1	2/1	
SP3OKU	72	12	6	SOU-MIX-HP	2/1	2/1	2/1	2/1	2/1	2/1	

SP3SLU	72	12	6	SOU-MIX-HP	2/1	2/1	2/1	2/1	2/1	2/1	
SP3TLF	72	12	6	SOU-MIX-HP	2/1	2/1	2/1	2/1	2/1	2/1	
SP5GRM	72	12	6	SOU-MIX-HP	2/1	2/1	2/1	2/1	2/1	2/1	
SP6NIN	72	12	6	SOU-MIX-HP	2/1	2/1	2/1	2/1	2/1	2/1	
SP7YL	72	12	6	SOU-MIX-LP	2/1	2/1	2/1	2/1	2/1	2/1	
SP9EYX	72	12	6	SOU-MIX-LP	2/1	2/1	2/1	2/1	2/1	2/1	
SQ2DMU	72	12	6	SOU-MIX-HP	2/1	2/1	2/1	2/1	2/1	2/1	
SQ3CPN	72	12	6	SOU-MIX-HP	2/1	2/1	2/1	2/1	2/1	2/1	
SQ3EPP	72	12	6	SOU-MIX-HP	2/1	2/1	2/1	2/1	2/1	2/1	
SQ3NMO	72	12	6	SOU-MIX-HP	2/1	2/1	2/1	2/1	2/1	2/1	
SQ7HJG	72	12	6	SOU-MIX-HP	2/1	2/1	2/1	2/1	2/1	2/1	
SP2CA	66	12	6	SOU-MIX-HP	2/1	2/1	2/1	2/1	2/1	2/1	
SN5X	60	11	6	SOU-MIX-HP	2/1	2/1	2/1	2/1	1/1	2/1	
SP2DTW	60	11	6	SOU-MIX-HP	2/1	2/1	1/1	2/1	2/1	2/1	
SP2PTU (SP2GJV, op)	60	11	6	SOU-MIX-HP	2/1	1/1	2/1	2/1	2/1	2/1	
SP6CZ	60	11	6	SOU-MIX-HP	2/1	2/1	1/1	2/1	2/1	2/1	
SP7PTM	60	11	6	SOU-MIX-LP	2/1	2/1	2/1	2/1	2/1	1/1	
SP9FMP	54	10	6	SOU-MIX-LP	2/1	2/1	2/1	1/1	2/1	1/1	
SP2DKI	45	9	5	SOU-MIX-LP	2/1	2/1	2/1	2/1	1/1	0/0	
SO5E	28	7	4	SOU-MIX-HP	0/0	0/0	2/1	2/1	2/1	1/1	
SP6BLV	28	7	4	SOU-MIX-LP	2/1	2/1	2/1	1/1	0/0	0/0	
SP6GOX	28	7	4	SOU-MIX-LP	0/0	2/1	2/1	2/1	0/0	1/1	
SP6GPJ	28	7	4	SOU-MIX-LP	0/0	2/1	2/1	2/1	0/0	1/1	
SO9I (SQ9ORQ, op)	1,806,931	2,103	293	SOU-PH-HP	32/24	91/35	419/61	969/79	467/60	125/34	
SP8KP	591,318	1,188	234	SOU-PH-HP	25/22	92/33	266/45	624/75	148/40	33/19	
SPØN (SQ9CNN, op)	288,708	691	196	SOU-PH-LP	13/13	48/29	101/37	263/56	147/38	119/23	
SO7E	239,259	686	173	SOU-PH-LP	19/16	97/25	82/31	273/57	192/36	23/8	
SP6DVP	112,651	409	133	SOU-PH-LP	0/0	0/0	114/35	165/50	107/34	23/14	
SQ2MO	47,672	249	118	SOU-PH-LP	0/0	27/23	52/29	96/33	53/22	21/11	
HF9R	17,760	123	80	SOU-PH-HP	17/15	20/18	23/17	63/30	0/0	0/0	
SP9UOP	16,632	122	88	SOU-PH-LP	2/2	25/24	30/21	49/27	8/7	8/7	
SP8K	5,902	100	26	SOU-PH-HP	0/0	0/0	0/0	100/26	0/0	0/0	
SP5GMM	5,334	76	42	SOU-PH-HP	1/1	3/3	4/4	10/10	17/13	41/11	
SP5BUJ	2,542	46	41	SOU-PH-LP	0/0	5/5	11/11	10/10	14/10	6/5	
SP9BJV	1,980	47	33	SOU-PH-LP	0/0	0/0	24/16	23/17	0/0	0/0	
SP3PW	1,860	38	30	SOU-PH-LP	0/0	0/0	7/7	23/17	6/4	2/2	
SP3AYA	760	26	19	SOU-PH-LP	1/1	1/1	5/5	18/11	0/0	1/1	
HF5L	195	13	13	SOU-PH-LP	1/1	4/4	8/8	0/0	0/0	0/0	
SP7MW	21	3	3	SOU-PH-LP	0/0	0/0	0/0	2/2	0/0	1/1	
SP1DK	1	1	1	SOU-PH-LP	0/0	1/1	0/0	0/0	0/0	0/0	
SP1NY	1,866,098	1,805	338	SOU-CW-HP	56/35	190/53	425/75	782/85	308/65	44/25	
SN7O (SP7IVO, op)	1,684,980	1,457	345	SOU-CW-LP	66/40	170/51	344/68	587/91	217/60	73/35	
SP2LNW	1,494,312	1,250	339	SOU-CW-HP	72/41	121/51	274/68	528/84	192/61	63/34	
SN5J (SP5JXK, op)	721,152	913	288	SOU-CW-LP	48/32	116/47	255/61	334/81	101/41	59/26	
SP9DLY	387,556	661	257	SOU-CW-LP	39/29	104/42	139/59	198/62	120/37	61/28	
SP2R	361,018	697	241	SOU-CW-LP	68/33	110/44	163/50	254/61	61/29	41/24	
SP6CIK	266,931	525	223	SOU-CW-HP	75/31	117/36	107/39	132/59	57/35	37/23	
SP3A	249,216	491	192	SOU-CW-HP	0/0	31/29	69/37	288/61	69/38	34/27	
SP7IIT	168,932	407	157	SOU-CW-HP	5/5	42/20	85/35	161/48	69/32	45/17	
SP6Eiy	161,644	432	161	SOU-CW-LP	0/0	45/27	102/36	190/51	72/34	23/13	

SP2HMT	141,728	492	86	SOU-CW-HP	0/0	0/0	0/0	492/86	0/0	0/0	
SP5TT	107,814	268	151	SOU-CW-HP	9/9	18/15	41/28	126/58	51/26	23/15	
SQ7U	76,600	333	100	SOU-CW-HP	37/26	130/32	166/42	0/0	0/0	0/0	
SP3BBS	66,720	258	96	SOU-CW-LP	5/5	6/6	28/25	202/50	16/9	1/1	
SQ5VCO	36,618	187	102	SOU-CW-LP	0/0	30/21	60/23	53/27	23/20	21/11	
SP2HWW	35,945	185	91	SOU-CW-HP	0/0	31/24	0/0	70/29	59/26	25/12	
SP2HHX	29,260	185	76	SOU-CW-LP	0/0	0/0	15/13	110/41	60/22	0/0	
SN5WD (SO5WD, op)	25,256	181	88	SOU-CW-LP	0/0	14/9	43/27	49/22	53/20	22/10	
SN1W	24,288	186	46	SOU-CW-HP	0/0	0/0	0/0	0/0	186/46	0/0	
SP9ICU	24,192	175	64	SOU-CW-LP	0/0	0/0	50/30	125/34	0/0	0/0	
SP7OGP	22,400	160	70	SOU-CW-LP	0/0	5/5	123/45	12/11	0/0	20/9	
SO6XL	19,118	148	79	SOU-CW-QRP	0/0	10/10	20/17	64/29	32/14	22/9	
SP2ADY	9,372	76	33	SOU-CW-LP	0/0	0/0	47/21	29/12	0/0	0/0	
SP6CC	8,464	92	92	SOU-CW-LP	6/6	15/15	25/25	27/27	15/15	4/4	
SP9VEG	1,870	35	22	SOU-CW-LP	0/0	0/0	0/0	11/10	18/9	6/3	
SP3GTS	1,104	35	24	SOU-CW-HP	0/0	3/3	30/19	2/2	0/0	0/0	
SP5BN	663	18	13	SOU-CW-LP	0/0	2/2	8/7	8/4	0/0	0/0	
SP3JUN	627	25	19	SOU-CW-LP	0/0	0/0	25/19	0/0	0/0	0/0	
3Z1K	1,008,128	1,368	256	MSHP	62/28	117/39	459/61	437/68	219/37	74/23	(Ops: SP1D, SP1IVL, SP3LPR, SP3VAX, SQ1WO)
SN9H	132,598	461	167	MSHP	29/19	54/26	106/38	138/48	109/28	25/8	(Ops: SO9DZP, SP6MAR, SQ3SWF, SQ8LHI, SQ9NJE, SQ9PBS, SQ9WTF, SQ9ZAQ, SQ9ZBF)
SN9A	54,404	275	116	MSHP	0/0	26/20	31/23	129/40	61/22	28/11	(Ops: SP9MRR, SP9PBH, SP9UNQ)
SN3P	17,608	113	62	MSHP	4/4	3/3	6/6	78/35	19/11	3/3	(Ops: SP3QFZ, SP3YM)
SP5KAB	1	1	1	MSHP	0/0	1/1	0/0	0/0	0/0	0/0	(Ops: SP5MJ, SP5WAZ)
Romania											
YO2MNZ	150,960	489	136	SO-MIX-LP	0/0	19/15	74/29	224/46	115/32	57/14	
YO7ARZ	145,413	417	151	SO-MIX-LP	0/0	32/16	112/40	148/47	72/32	53/16	
YO8SBQ	144,900	531	115	SO-MIX-HP	0/0	0/0	70/28	398/58	57/23	6/6	
YO4AAC	111,020	373	140	SO-MIX-LP	5/4	17/13	64/30	152/44	101/33	34/16	
YO4SI	48,685	210	107	SO-MIX-LP	11/11	16/9	37/21	70/30	58/25	18/11	
YO8BDW	41,303	246	103	SO-MIX-LP	0/0	73/28	77/34	62/21	28/15	6/5	
YO2GL	20,800	148	64	SO-MIX-LP	26/14	8/7	1/1	81/25	14/7	18/10	
YO8BDQ	18,444	162	116	SO-MIX-LP	27/19	31/21	35/26	29/21	27/19	13/10	
YO2CMI	9,324	91	63	SO-MIX-LP	6/6	5/4	12/10	33/22	18/12	17/9	
YO2MJZ	4,508	61	28	SO-MIX-LP	0/0	0/0	61/28	0/0	0/0	0/0	
YO7MPI	2,635	43	31	SO-MIX-LP	0/0	0/0	0/0	29/19	9/8	5/4	
YO3JW	20	6	4	SO-MIX-LP	1/1	2/1	2/1	1/1	0/0	0/0	
YO3RU	191,698	677	146	SO-PH-HP	0/0	16/13	96/27	307/52	182/34	76/20	
YP1EX (YO2LIG, op)	102,705	415	123	SO-PH-LP	0/0	39/11	58/28	251/59	67/25	0/0	
YO2AA	97,608	352	147	SO-PH-HP	0/0	41/25	57/31	124/44	72/26	58/21	
YO6GUU	93,844	511	116	SO-PH-LP	0/0	110/26	31/23	128/33	59/19	183/15	
YO3VU	80,960	356	115	SO-PH-LP	0/0	80/26	147/32	57/30	37/15	35/12	
YO9IAB	57,564	271	117	SO-PH-LP	0/0	46/26	80/36	113/41	24/10	8/4	
YO3HEX	49,053	169	83	SO-PH-LP	0/0	0/0	32/20	79/30	42/22	16/11	
YO5PUV/P	37,980	209	90	SO-PH-LP	0/0	1/1	29/18	82/35	68/24	29/12	
YO8SMM	29,488	182	97	SO-PH-LP	0/0	19/18	36/21	67/35	34/12	26/11	
YO5PVZ	18,174	136	78	SO-PH-LP	0/0	12/10	34/23	53/25	26/13	11/7	
YO2MOO	13,359	134	61	SO-PH-QRP	0/0	12/11	43/19	33/16	12/5	34/10	
YO7LDT	10,710	102	70	SO-PH-LP	0/0	12/12	12/12	36/28	31/13	11/5	