

RULES of the 12th (2022) KANHAM CONTEST

Apr 1, 2022

Executive Committee

Kansai Amateur Radio Festival (KANHAM)

NOTE:

I. Amateur radio operators must be good society members, healthy and kind.

- When you participate in the contest, it is recommended that you make an appropriate protective procedure from the common-sense perspective of an ordinary society member for novel coronavirus (SARS-CoV-2) and novel coronavirus infection (COVID-19).
- The special contest numbers and scores are prepared for the case when operators who don't have amateurs radio license, which authorizes amateur radio licensees to operate amateur radio equipment, participate in KANHAM contest, according to Article 34-10, Radio Act (The regulation article 14 of the Radio Regulatory Commission in 1950).

II. Amateur radio operators must be progressive.

- You can participate in multi-operator entry. Please utilize KANHAM contest as experimental occasions unique to amateur radio operators, such as multi-operator entry using remote control system, etc.

III. Amateur radio operators must have a global mindset.

- When the domestic JA stations contact domestic JA stations, the JARL contest frequencies that JARL established should be used. Please be noted that the contest frequencies both for 1.9Mhz and 50Mhz have been revised.
- For the contacts between domestic JA stations and overseas stations, the JARL contest frequencies are not needed to be used. Thus, the contacts with overseas stations on 3.5Mhz could be possible.
- Submission of the contest logs are now accepted only through the electronic log. Please be noted that the paper logs are no longer accepted.

IV. Submission address of contest log.

- Your log submission will NOT be accepted if you submit it to an incorrect address.

I. Date and Contest Period

Starts: 06:00 UTC Saturday June 4, 2022

Ends: 06:00 UTC Sunday June 5, 2022

II. Objective

For amateurs around the world to contact as many other amateurs in as many Japan's prefectures as possible.

III. Bands

Contest frequencies established by JARL.

Bands	CW	Phone (AM/SSB)	Phone (FM)
1.9MHz	1.801 - 1.820MHz	1.850 - 1.875 MHz	none
3.5MHz	3.510 - 3.530MHz	3.535 - 3.570MHz	none
7MHz	7.010 - 7.040MHz	7.060 - 7.140MHz	none
14MHz	14.050 - 14.080MHz	14.250 - 14.300MHz	none
21MHz	21.050 - 21.080MHz	21.350 - 21.450MHz	none
28MHz	28.050 - 28.080MHz	28.600 - 28.850MHz	29.200 - 29.300MHz
50MHz	50.050 - 50.090MHz	50.350 - 51.000MHz	51.000 - 52.000MHz
144MHz	144.050 - 144.090MHz	144.250 - 144.500MHz	144.750 - 145.600MHz
430MHz	430.050 - 430.090MHz	430.250 - 430.700MHz	432.100 - 434.000MHz
1200MHz	Strict adherence to the Ministry of Internal Affairs and Communications Notice No. 179.		

IV. Entry categories

Your entry category (outside Japan or within Japan) will be determined by the location where you transmit. For example, when you participate in from the Mariana Islands (U.S.) with a Japanese call sign, such as KH0 / JA3xxx, you will be classified as an overseas station.

A) Overseas Stations (outside Japan)

Classes		Categories
Single Operator (CW & PHONE) *all-mode operation only	All Bands	S-CWPH-ALL-OS
	All Bands Young [*1]	S-CWPH-Y-OS
Multi-Operator (CW & PHONE) *all-mode operation only	All Bands	M-MIX-ALL-OS
	All Bands Young [*1]	M-MIX-Y-OS

*1 The operator must be 20 years old or younger (U20) or female (YL) on the date of the

contest.

B) Domestic Stations (within Japan)

Classes		Categories
Single Operator (CW)	1.9MHz	S-CW-1.9
	3.5MHz	S-CW-3.5
	7MHz	S-CW-7
	14MHz	S-CW-14
	21MHz	S-CW-21
	28MHz	S-CW-28
Single Operator (CW)	50MHz	S-CW-50
	144MHz	S-CW-144
	430MHz	S-CW-430
	1200MHz	S-CW-1200
	All Bands	S-CW-ALL
	All Bands Young [*1]	S-CW-Y
Single Operator (PHONE)	1.9MHz	S-PH-1.9
	3.5MHz	S-PH-3.5
	7MHz	S-PH-7
	14MHz	S-PH-14
	21MHz	S-PH-21
	28MHz	S-PH-28
	50MHz	S-PH-50
	144MHz	S-PH-144
	430MHz	S-PH-430
	1200MHz	S-PH-1200
	All Bands	S-PH-ALL
	All Bands Young [*1]	S-PH-Y
	Handhelds [*2]	S-PH-HT
Single Operator (CW & PHONE)	1.9MHz	S-CWPH-1.9
	3.5MHz	S-CWPH-3.5
	7MHz	S-CWPH-7
	14MHz	S-CWPH-14
	21MHz	S-CWPH-21
	28MHz	S-CWPH-28
	50MHz	S-CWPH-50
	144MHz	S-CWPH-144
	430MHz	S-CWPH-430
	1200MHz	S-CWPH-1200

Classes		Categories
	All Bands	S-CWPH-ALL
	All Bands Young [*1]	S-CWPH-Y
	SWL All Bands	S-CWPH-SWL
Multi-Operator (CW & PHONE) *all-mode operation only	All Bands	M-MIX-ALL
	All Bands Young [*1]	M-MIX-Y

*1 The operator must be 20 years old or younger (U20) or female (YL) on the date of the contest.

*2 Handheld radio FM mode on 144 MHz, 430 MHz and 1200 MHz can be used. But you cannot use an external power supply. The power supply should be batteries that are in the equipment. Battery replacement is allowed during the contest period. You must use an antenna attached to the handheld radio or a whip antenna corresponding to it. Using an external antenna is not allowed. You can use a conversion connector. You must fill out the model number of the radio, the power supply and the antenna in the SOAP-BOX field of Cabrillo file.

V. Contest Operation Method

CW: CQ KH TEST

PHONE: CQ KANHAM CONTEST

VI. Contest Exchange

Please be noted that the contest numbers are to be changed not by the stations' attributes, but by the operators' attributes.

A) Overseas Stations (outside Japan)

- RST report
- Operators aged 20 or younger (U20) or female (YL):
RST report plus "Y" (e.g., 59 Y, 599 Y).

B) Domestic Stations (within Japan)

- Non-special stations:
RST report plus your prefecture number established by JARL (e.g., 59 25, 599 25).
- Special stations:
RST report plus your prefecture number established by JARL (e.g., 59 25, 599 25).

- Operators aged 20 or younger (U20) or female (YL):
RST report plus your prefecture number established by JARL plus "Y" (e.g., 59 25 Y, 599 25 Y).
- When the operators don't have the amateur radio license that authorizes operators to operate amateur radio equipment, N should be added to the RST report and the prefecture number, according to Article 34-10, Radio Act (The regulation article 14 of the Radio Regulatory Commission in 1950):
RST report plus your prefecture number established by JARL plus "N" (e.g., 59 25 N).

VII. Prohibited operation matters

- Cross-band contacts.
- Operation site change during the contest.
- Single operator: Transmitting two or more signals simultaneously on the same band or different bands.
- Multi operator: Transmitting two or more signals on the same band simultaneously. Operating from multiple locations. Contacting stations as a single operator, despite participating in the contest as a multi operator.
- Contacts through repeaters.
- Self-spotting or asking to be spotted is prohibited. However, use of technology to let operators know call signs or multiplier together with receiving frequency information such as packet cluster, web cluster, CW skimmer and reverse beacon network is permitted.
- Remote operation is permitted only if the physical location of all transceivers, receivers and antennas are at one location. A remotely operated station must obey all station license, operator license and participating category rules.
- Using remote receivers outside the permitted remote location where your transmitter, receiver and antenna are placed.
- Logging call signs, confirming the log or correction of logged call signs and exchanges after the contest by using database, recordings, E-mail, or other methods of confirming QSOs is prohibited.

VIII. Scoring (amateurs)

A) Score

- ALL BANDS:
(The total of the QSO points on each band) x (The total of the multipliers on each band)

- SINGLE BAND:
(The total of the QSO points on the band) x (The total of the multipliers on the band)

B) QSO points

Completed contact will be scored as follows. Duplicate contact with the same station on the same band will not count as a point.

	CONTEST EXCHANGE		POINT
	DOMESTIC STATION (within Japan)	OVERSEAS STATION (outside Japan)	
Non-special stations	RST +Number [*1]	RST	1
8N3FE and 8J3XXVI	RST +Number [*1]	-	5
U20	RST +Number [*1] + Y	RST + Y	5
YL	RST +Number [*1] + Y	RST + Y	5
When the operators don't have the amateur radio license that authorizes operators to operate amateur radio equipment, according to Article 34-10, Radio Act (The regulation article 14 of the Radio Regulatory Commission in 1950), to operate radio equipment at amateur radio station'.	RS + Number [*1] + N	-	5

*1 your prefecture number established by JARL.

C) Multiplier

The total of the different prefecture number that you worked on each band

IX. Scoring (SWL)

A) Score

(The total of the SWL points on each band) x (The total of the multipliers on each band)

B) SWL Points

One point is given to the complete reception of the working two stations' call signs and the contest exchanges. However, duplicate reception in the same band (meaning that the same station is received twice or more.) is not considered as a point even if the mode is different, except for one reception.

C) Multiplier

The total of the different prefecture number that you heard completely.

X. LOG Instructions

- Contest logs must be submitted electronically in Cabrillo format. The format can be found on the KANHAM Contest website (<http://jarl.gr.jp/kanhamcontest/en/>).
- The contest log must be written in the body of the E-mail and submitted. E-mail must be sent in plain text format. Sending by HTML E-mail is prohibited.
- You can submit only one contest log. If you participated in more than one class, you can only submit one contest log of these classes.
- In case of Multi-Operator: Specify the name of the persons who operated during the contest and the qualification of the amateur radio operator in SOAPBOX. Logs should be arranged in time order for each band.
- In case of 20 years old or younger (U20) on the date of the contest: Specify the date of birth in SOAPBOX.
- The contest committee may require the awardee to provide original log and other materials.

XI. LOG Deadline

Deadline for submission: **14:59:59 UTC Sunday June 12, 2022**

Specify "Call sign and CATEGORY" in the subject of E-mail, submit to khctest@khn.co.jp.

XII. Awards

The award and extra prize will be mailed to the winner of each entry. The extra prizes are to be donated by the committee members of Kansai Amateur Festival Steering Committee. The contest results will be posted on the KANHAM contest web site.

XIII. Prize for children with no license

Four (4) randomly chosen domestic participants who satisfy the three following conditions will be granted tuition fees for Fourth-Class Amateur Radio Operator Training Course held by JARD as incentive fees. These incentive fees will be paid as tuition fees directly to JARD by the KANHAM executive committee when applying to the course, and these incentive fees will not be given to the winners as cash.

1. You must participate in KANHAM contest without the radio operator license which authorizes operators to operate radio equipment of the amateur radio stations, according to Article 34-10, Radio Act (The regulation article 14 of the Radio Regulatory Commission in 1950).
2. You must be a student between the ages of 6 to 15 years old on the dates of the contest or a child who will be at the age of 6 from 2022 Oct.1st to 2023 Apr 1st.
3. You must apply to "Prize for children with no license". The application must be done by writing on the contest log; filling in your name and the date of birth on Cabrillo's X-BOUNTY-ENTRY.

XIV. Inquiries

For inquiries regarding this contest, please send E-mail to the KANHAM Executive Committee: mail_kanham@yahoo.co.jp.

[Appendix] JARL Code Number: Japan prefectures and Subprefectures of Hokkaido, Japan.

Category	Area Name	Code Number
Subprefectures of Hokkaido *Sapporo City is included in the Ishikari area.	Souya	101
	Rumoi	102
	Kamikawa	103
	Okhotsk	104
	Sorachi	105
	Ishikari	106
	Nemuro	107
	Shiribeshi	108
	Tokachi	109
	Kushiro	110
	Hidaka	111
	Iburi	112
	Hiyama	113
	Oshima	114
Prefectures *8J1RL is included in the Tokyo area.	Aomori	02
	Iwate	03
	Akita	04
	Yamagata	05
	Miyagi	06
	Fukushima	07
	Niigata	08
	Nagano	09
	Tokyo	10
	Kanagawa	11
	Chiba	12
	Saitama	13
	Ibaraki	14
	Tochigi	15
	Gunma	16
	Yamanashi	17
	Shizuoka	18
Gifu	19	
Aichi	20	
Mie	21	
Kyoto	22	
Shiga	23	
Nara	24	

Category	Area Name	Code Number
Prefectures	Osaka	25
	Wakayama	26
	Hyogo	27
	Toyama	28
	Fukui	29
	Ishikawa	30
	Okayama	31
	Shimane	32
	Yamaguchi	33
	Tottori	34
	Hiroshima	35
	Kagawa	36
	Tokushima	37
	Ehime	38
	Kochi	39
	Fukuoka	40
	Saga	41
	Nagasaki	42
	Kumamoto	43
Oita	44	
Miyazaki	45	
Kagoshima	46	
Okinawa	47	
Others *Okinotori-Shima, Minami-Tori-Shima (Southern Bird Island) and Iwo-To (Iwo Jima) are included in the area of Ogasawara.	Ogasawara	48

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