

# RULES of the 10<sup>th</sup> (2020) KANHAM CONTEST

April 29, 2020

Executive Committee

Kansai Amateur Radio Festival (KANHAM)

## **NOTE:**

**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).

**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.

**Amateur radio operators must have a global mindset.**

Although the frequency expansion notice for 1.9MHz band and 3.5MHz band was announced on April 21st 2020, the contest frequencies will be the same as the ones we specified last year.

<b>Bands</b>	<b>CW</b>	<b>Phone (AM/SSB)</b>
1.9MHz	1.9075 - 1.9125MHz	none
3.5MHz	3.510 - 3.530MHz	3.535 - 3.570MHz

## **I. Date and Contest Period**

Starts: 21:00 UTC Saturday June 6, 2020

Ends: 09:00 UTC Sunday June 7, 2020

## **II. Objective**

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

## **III. Bands**

You must use the contest frequency of 1.9 to 1200MHz established by JARL (The Japan Amateur Radio League).

### **Contest frequency established by JARL**

<b>Bands</b>	<b>CW</b>	<b>Phone (AM/SSB)</b>	<b>Phone (FM)</b>
1.9MHz	1.9075 - 1.9125MHz	none	none
3.5MHz	3.510 - 3.530MHz	3.535 - 3.570MHz	none

Bands	CW	Phone (AM/SSB)	Phone (FM)
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	50.250 - 50.300MHz	50.300 - 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
	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

Classes		Categories
Single Operator (PHONE)	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
Single Operator (PHONE)	All Bands Young [*1]	S-PH-Y
	Handhelds [*2]	S-PH-HT
Single Operator (CW & PHONE)	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
	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
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 SOAPBOX field of Cabrillo file.

## V. Contest Operation Method

CW: CQ KH TEST

PHONE: CQ KANHAM CONTEST

## VI. Contest Exchange

### A) Overseas Stations (outside Japan)

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

### B) Domestic Station (within Japan)

- Non-special stations  
RST report plus your prefecture number established by JARL (e.g., 59 25, 599 25).
- Operators with the age of 20 years old 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).
- Special station (8N3Q and 8J3XXV):  
RST report plus your prefecture number established by JARL plus "Y" (e.g., 59 25 Y, 599 25 Y).

## 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, email 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
8N3Q and 8J3XXV	RST +Number [*1] + Y	-	5
U20	RST +Number [*1] + Y	RST + Y	5
YL	RST +Number [*1] + Y	RST + Y	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: June 30, 2020 (Tue) 14:59:59 UTC

Specify "Call sign and CATEGORY" in the subject of E-mail, submit to [jh3bum@jarl.com](mailto:jh3bum@jarl.com).

## **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. Inquiries**

For inquiries regarding this contest, please send e-mail to the KANHAM Executive Committee.

[mail\\_kanham@yahoo.co.jp](mailto: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	

Category	Area Name	Code Number
Prefectures	Shiga	23
	Nara	24
	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	
<p>Others</p> <p>*Okinotori-Shima, Minami-Tori-Shima (Southern Bird Island) and Iwo-To (Iwo Jima) are included in the area of Ogasawara.</p>	Ogasawara	48