International Morse Preservation Society and FISTS CW CLUB - East Asia Chapter

morsEAsia

January 2021
Issue #86

Recommended calling QRGs: 7.028, 10.118/10.128/10.133, 14.058, 18.085, 21.058/21.138, 24.908, 28.058/28.158
FEA Net: 7.026 MHz 2300UTC on Saturdays, 14.054 MHz 0800UTC on Sundays
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Treasurer, Contest & Award Manager: Sugi JK7UST,
http://www.feacw.net/ or http://www.fists-ea.org/ (Secondary)

FEA-100 AWARD

PURPOSE:	The purpose of this award is to deepen mutual friendship among members and enhance activities.
START DATE:	0000 UTC 1st January 2021. All logged QSOs must be made on or after the start date.
MODE:	CW
RULES:	The FEA-100 Award is earned by working 100 points of FEA members. FEA member is worth one point. FEA affiliated club stations (JE7YTQ #15100, JO1ZZZ #15200, JL3YOC #15300) are worth three points. FEA National Club Station (JL3YMV #15000) is worth five points.
EXCHANGE:	RST
LOGS:	For each QSO logged: Date / Call sign / Band / RST / Time in UTC / FISTS Number / Points. Logs may be in ADIF or CSV format.
GENERAL:	Not only all FEA members, but also worldwide FISTS members can submit. There is no charge.
ENTRIES TO:	email to awards@ fists-ea.org. Logs must be received on or after 1st January 2021.

Please click here (http://www.feacw.net/mbr/fea-list.cgi) to show the list of members who belong to the East Asia chapter. It is great idea to use FEA recommended calling QRGs listed above. You can use the Internet for assistance. Following sites will be useful.
FEA QRV Information: http://www.fists-ea.org/qrv/qrvinfo.cgi
N8FQ FISTS sked page: http://www.n8fq.org/sked/index.php?board=fists
FEA-100 Award: http://www.feacw.net/qrv/FEA-100_Award.htm

FEA CROSSING

PURPOSE:	To enjoy one-on-one Morse code communication.
TIME:	Every Friday 23:30 to 00:30 UTC
FREQUENCY:	7.025 to 7.030 MHz
PARTICIPATION:	All amateur stations
CALL:	CQ FISTS or CQ
HOW TO:	Call a CQ at this time and frequency. Or respond to the station sending the CQ. We recommend using the FEA QRV Information: http://www.fists-ea.org/qrv/qrvinfo.cgi

FEA CROSSING: https://www.fists-ea.org/qrv/info.htm#x

NEW MEMBERS

We're very pleased to welcome our latest members: Yu, JS1DEH #20250, Larry, 4F5EKL #20251 and DucatiNat, VR2ZPA #20252.

1000 QSOS BY CW - YU, JS1DEH, #20250

I started my Ham Radio life in 1985. I enjoyed talking to other people on 2m FM and SSB.

After a while, I became interested in CW and higher class ham license. I got a third-class Amateur Radio license in 1987.

At that time, I had to prove my CW operation skill face to face with the examiner to get a higher class license, meaning second and first-class. Since I was heavily nervous at the face to face examination, it was almost impossible for me to prove my CW operation skill to the examiner.

Luckily, the Japanese government decided to omit CW face to face examination for amateur and made only listening ability test was required. Thanks to this change, I could get a second-class amateur license in 1988. I thought I would get a first-class amateur license because the license would allow me to use any amateur radio equipment within the radio law's scope. However, there was a huge obstacle for me, proving the ability to handle the Japanese Morse code. At that time, I was a newcomer to the CW and even did not know how to say "I don't copy what you sent" in CW. (Now I know if I could not copy, I should send "? BK.")

I looked for a way to master the Japanese Morse code. I found an interesting article in the 1988 CQ ham radio (Japanese magazine): If you would like to master Japanese Morse code, you must make 1000 normal (not 599 BK) QSO with English Morse code before learning Japanese Morse code.

I did make the 1000 QSOs, and it was an enjoyable task. Though I was not a skilled CW operator, many OMs called me on the 40-m band and operated kindly. It took me one year before I completed 1000 QSOs and mastered the Japanese Morse code. I got a first-class amateur license in 1990. The 1000 QSOs (now over 1000 QSOs, of course) on my paper logbook is a treasure for me.

From 2002, I stopped using my rigs because of my numerous daily chores in my work and private. I came back to the ham radio world at the end of October 2020. Thanks to the experience of the 1000 QSOs, I still remembered the English Morse code. So I could operate CW (poor operation, though) with English Morse code after one month of "training" period. Although limited by the condition, I enjoyed CW QSOs by exchanging QTH, operator name, and so on. I joined FISTS to improve my CW skill so that I can make more enjoyable chats. I like (love) calling CQ, so please do not hesitate to call me when you hear "CQ DE JS1DEH." I want to enjoy communicating with you by CW.

Thanks, JS1DEH / Yu

MY NEW RIG KN990A - SUGI, JK7UST, #7178

I tried using KN990A in a WW contest. I tried using it while comparing it with the FT817.

When I listened to the 20-m band, a super local station, which was about 100 m away from my house, was on the air. The S meter became full scale. QSO was possible with the FT817 at a distance of about 20 kHz, but with the KN-990A, the AGC is pulled and reception becomes impossible. With K3 and TS890, QSO was possible at a distance of 5 kHz. Well, it shouldn't be compared to such expensive rigs, so let's just keep it as a reference.

There is a band scope, so it's a good way to grasp the usage status of the band. A band scope that is easier to see than the FT991A.

After that, I watched 40 m at night. If you don't have a super local station, you can hear it pretty well. With the K1, the 20-m high HB9CV seems to be a burden, and I feel the oppression from the broadcasting station, but the KN-990A did not have it. However, I was surprised that the difference between the received sound of the weak signal and the received sound of the strong signal was too large. This is similar to the K1's AF AGC. I'm afraid to wear headphones and receive. If this point is improved, I think it will become a considerable force. I hope it will be improved by modifying the firmware.

P.S. The new firmware was made 5 days ago. I will announce the feeling of use in the next issue.

NORI, JR7OEF, #15022

This book is small but great Christmas present by my self.

NEW QSL CARD - AKI, JL1GEL, #15147

I ordered QSL cards with new design. This car is a cabriolet and does not have metal roof, so I can't put mobile antenna on the roof. Driving this car is fun but no use for ham radio, hi hi.

OVERNIGHT CAMP IN CHICHIBU CITY - JS1QIZ, TAK, #15150

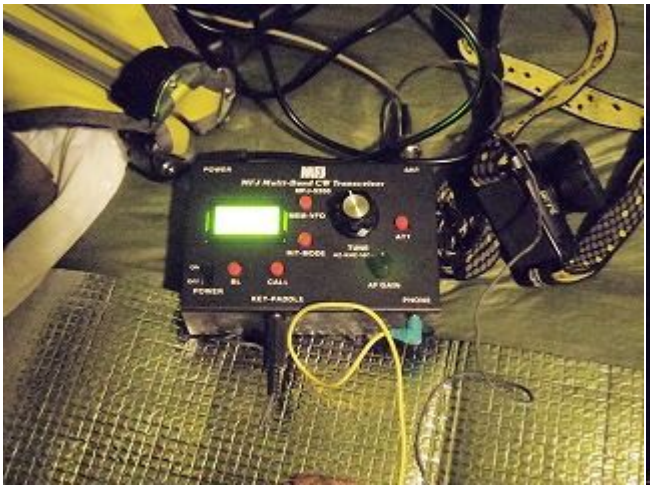
At the end of November, I spent a night at a campsite in Chichibu city, Saitama prefecture. The radio I brought was MFJ9240, a mono-band 7-W CW only tiny TRX powered by a mobile Li-ion battery. The antenna used was a full-size dipole made of thin wires and a 1.5D-2V BNC cable.

The full-size dipole worked well, and I could exchange numbers with the US, China, and Russian stations in the CQ WW contest.

My son JH1ENI accompanied me. He did not operate any radio and concentrated on making and maintaining the fire for the cooking. His current project is to improve the fire-keeping skills, and it seems he has some success in it. We had a nice steak, and the fire kept us warm in the evening.

Although it was chilly (4 degrees C) in the morning of FEA net, I enjoyed the net with a cup of warm coffee together with the view of a river which runs just beside the campsite.

73, JS1QIZ



MY ANTENNA PROJECT (CONTINUED) - MANABU, JE1RZR #15020

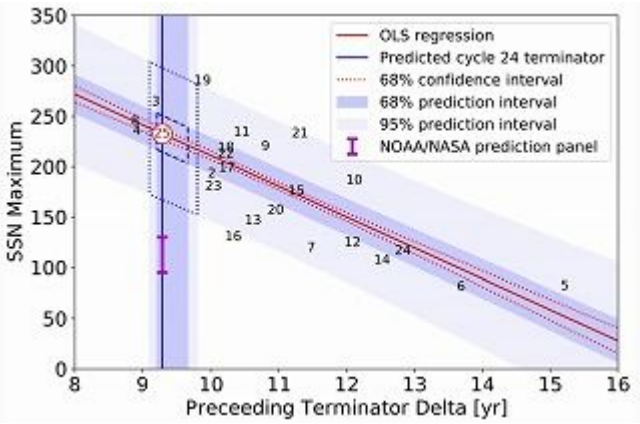
Though cycle 25 stated to wake up I decided to install an antenna for 160m. It's a full size ground plane. The element is extended from a grass fiber rod mounted on the top of mast on telescopic tower to the ground with some angle. I put 20 m length radials x 20 pieces on the ground. My Elmer of 160 m said the radials length is not necessary to be 40 m as 1/4 wave exactly but more important thing is the number of radials. The more radials you put the better result you get. 50 pieces of radials make you to see a different world. So I'm still on the way. But I found some small animal like a raccoon bided and cut the radials *o* Every weekend I have to repair them besides adding new one. The endless fight with raccoon will be continued ^^;

CYCLE 25 COULD BE AMONG THE STRONGEST EVER OBSERVED? - NAO, JO3HPM, #15008

A year ago, Space Weather Prediction Center predicted that solar cycle 25 would have a peak SSN of 115 (±10) in July 2025 and it would be as low in activity as cycle 24 (a peak SSN of 116) [1]. In November 2020, researchers published opposite and exciting prediction [2]. They predicted the cycle 25 would have a peak SSN of 233, with a 68% confidence level. Which prediction do you support?

[1] Solar Cycle 25 Forecast Update, https://www.swpc.noaa.gov/news/solar-cycle-25-forecast-update

[2] McIntosh, S.W., Chapman, S., Leamon, R.J. et al. Overlapping Magnetic Activity Cycles and the Sunspot Number: Forecasting Sunspot Cycle 25 Amplitude. Sol Phys 295, 163 (2020). https://doi.org/10.1007/s11207-020-01723-y



The bottom panel of Figure 4 in Reference [2].

SUMMARY OF FEA NET IN 2020, NAO, JO3HPM, #15008

Thank you to all the stations who participated in the FEA net. We welcomed Takeshi JA4IIJ as a net controller this year. He participated most in Part 1 again this year. Manabu JE1RZR participated in Part 2 the most. And George 7J1ATG (VK4BGR) participated in both the most. There were two points worth noting in part 2. One was that "average participants per net" was 4.4 which is the largest ever. The other was that "number of nets with no participants" was zero for the first time. These were due in large part to Manabu's enthusiastic contribution. His 5-element Yagi installed at a height of 25 meters and his 500-watt amplifier helped the net part 2 powerfully.

You can see all results at http://www.feacw.net/qrv/FEA_Net_Result.html. We always welcome you, even if you are not an FEA member. See you at the FEA net!

Summary table in 2020

	Part 1 (7 MHz)	Part 2 (14 MHz)
Total number of nets	52	52
Average participants per net (including controllers)	6.9	4.4
Number of actual participants (including controllers)	19	23
The day with most participants	10 stations (May 23, Jun. 27, Aug. 8)	10 stations (Aug. 2)
Number of nets with no participants	0	0
The persons who participated most (excluding controllers)	JA4IIJ (41 times)	JE1RZR (34 times)
The day with most countries	none	Apr. 5, 4 countries
Countries	JA	BV, DU, JA, VK, YB

Participants list excluding controllers.

CALL	PART 1+2	PART 1	PART 2
7J1ATG+VK4BGR	66	35	31
JE1RZR	65	31	34
JL1GEL	58	39	19
JO3HPM	49	35	14
JA4IIJ	43	41	2
JS2AHG+JE1TRV	38	26	12
JS1QIZ	37	28	9
JK7UST	34	19	15
JJ1FXF	29	21	8
JI1XJB	19	13	6
VK6RR	9	0	9
JH2HTQ	7	7	0
JR0QWW	5	4	1
JJ1TTG	3	3	0
BX8AAD	3	0	3
VK4TJ+VK4SSN	3	0	3
JG1BGT	2	2	0
JL3AMK	2	0	2
BX6ABC	2	0	2
DU7SJF	2	0	2
JA1NUT	1	1	0
JH1MHM	1	1	0
JI2GZC	1	1	0
JR6HK	1	1	0
JA9MAT	1	0	1
YB0NSI	1	0	1
YC1JCD	1	0	1
JL3YOC	1	0	1

FEA CW NET RESULTS: NO. 824 TO 836 - NAO, JO3HPM, #15008

No.	Date (Y/M/D)	Time (UTC)	Freq. (MHz)	Controller	Participants
836-2	2020/12/27	0800-0837	14.054	JL1GEL	JE1RZR, JS1QIZ
836-1	2020/12/26	2300-0015	7.026	JE7YTQ	JO3HPM, JA4IIJ, JL1GEL, JH2HTQ, JS1QIZ, JE1RZR, 7J1ATG/2, JJ1FXF
835-2	2020/12/20	0800-0815	14.054	JO3HPM	JE1RZR
835-1	2020/12/19	2300-0015	7.026	JA4IIJ	JK7UST, JS1QIZ, JJ1FXF, JL1GEL, 7J1ATG/2, JO3HPM
834-2	2020/12/13	0800-0840	14.0544	JE1RZR	7J1ATG/2, JL1GEL
834-1	2020/12/12	2300-2345	7.026	JL1GEL	JO3HPM, JA4IIJ, JS1QIZ, JS2AHG
833-2	2020/12/6	0800-	14.054	JE7YTQ	JE1RZR, JJ1FXF
833-1	2020/12/5	2300-2340	7.026	JS1QIZ	JA4IIJ, JO3HPM, 7J1ATG/2, JL1GEL
832-2	2020/11/29	0800-0819	14.053	JL1GEL	7J1ATG/2
832-1	2020/11/28	2300-0008	7.001	JA4IIJ	JH2HTQ, JS1QIZ/1, JJ1FXF, 7J1ATG/2, JL1GEL, JO3HPM
831-2	2020/11/22	0800-0826	14.0545	JO3HPM	JE1RZR
831-1	2020/11/21	2300-0003	7.027	JE7YTQ	JS1QIZ, JO3HPM, JA4IIJ, 7J1ATG/2, JL1GEL, JJ1FXF, JH2HTQ
830-2	2020/11/15	0800-08320	14.054	JE1RZR	JK7UST, 7J1ATG/2, JL1GEL
830-1	2020/11/14	2300-2357	7.0265	JL1GEL	JA4IIJ, JK7UST, JE1RZR, JO3HPM, JJ1FXF, JS1QIZ/1, 7J1ATG/2
829-2	2020/11/8	0800-08325	14.054	JE7YTQ	JE1RZR, JO3HPM
829-1	2020/11/7	2300-2357	7.0265	JO3HPM	JK7UST, JA4IIJ, JL1GEL, JJ1FXF, 7J1ATG/2, JS1QIZ, JE1RZR
828-2	2020/11/1	0800-0832	14.054	JE1RZR	JO3HPM, JL1GEL, 7J1ATG/2
828-1	2020/10/31	2300-2357	7.0267	JS1QIZ	7J1ATG/2, JA4IIJ, JK7UST, JL1GEL, JJ1FXF, JO3HPM, JH2HTQ
827-2	2020/10/25	0800-0833	14.054	JO3HPM	JE1RZR, 7J1ATG/2
827-1	2020/10/24	2300-0000	7.0247	JO3HPM	JA4IIJ, JE1TRV, JS1QIZ/1, JE1RZR, JJ1FXF, 7J1ATG/2, JL1GEL, JK7UST
826-2	2020/10/18	0800-0843	14.0543	JE1RZR	JK7UST, JL1GEL, JO3HPM, JJ1FXF, JA4IIJ
826-1	2020/10/17	2300-0008	7.0075	JA4IIJ	JL1GEL, JE1RZR, 7J1ATG/2, JJ1FXF, JK7UST, JS1QIZ, JO3HPM
825-2	2020/10/11	0800-0840	14.044	JO3HPM	JE1RZR, JL1GEL
825-1	2020/10/10	2300-2354	7.0075	JE1RZR	JO3HPM, JL1GEL, JA4IIJ, JS1QIZ, JJ1FXF
824-2	2020/10/4	0800-0830	14.054	JL1GEL	JE1RZR, JK7UST, DU7SJF
824-1	2020/10/3	2300-2351	7.026	JS1QIZ	JA4IIJ, JL1GEL, JJ1FXF, JK7UST

FINALE

On the cold morning of December 26, my wife and I captured a very skinny stray cat. We hope she will get well and "stay home" with us for the rest of her life. 73/88 and stay sober de Nao.