

## 2022/08/04 Announcements - Operating Events, Propagation, DX and General News

These notes are posted to the SMARC website, <https://w4olb.org/>, after the Thursday Evening Net. Click on "Info" and then "Operating Events" on the drop down menu. The format is PDF and the highlighted links are directly clickable. Only the last four weeks of announcements are retained.

### \*\*\*\*\* Operating Events \*\*\*\*\*

From the WA7BNM Contest Calendar website come the following operating events or contests that may be of interest to SMARC members and other Amateur Radio operators. Links to the rules and regulations for each event may be found at <https://contestcalendar.com/>. Select the "8 Day Calendar."

***NOTE: All times are EDT (UTC - 4), although most are listed at the WA7BNM Contest Calendar website as UTC. Translations to the correct days have been taken into account.***

>>Weekly Sprints or Short Events:

NCCC (Northern CA Contest Club)

RTTY Sprint tonight (Thursday) 9:45 PM to 10:15 PM

CW Sprint tonight (Thursday) 10:30 PM to 11:00 PM

Website: (RTTY) <http://www.ncccsprint.com/rttyns.html/>

Website: (CW) <http://www.ncccsprint.com/rules.html/>

K1USN Slow Speed Tests (SST – CW max 20-wpm):

Friday 4:00 to 5:00 PM and Sunday 8:00 to 9:00 PM

Website: <http://www.k1usn.com/sst.html>

Worldwide Sideband Activity Contest

Monday 9:00 PM to 9:59 PM

Website: <https://wwsac.com/rules.html>

Phone Weekly Test - Fray (SSB)

Tuesday 10:30 PM to 11:00 PM

Website: [http://www.perluma.com/Phone\\_Fray\\_Contest\\_Rules.pdf](http://www.perluma.com/Phone_Fray_Contest_Rules.pdf)

RTTYOPS (RTTY) Weeksprint

Tuesday and Thursday 1:00 PM to 3:00 PM

Website: <https://rttyops.wordpress.com/rty-mini-contests/rtyops-weeksprint/>

Operating events for the following 7-days:

>>State QSO parties: None. See <https://contestcalendar.com/> for details.

>>10-10 International Summer Contest, SSB: Friday 08/5 8:01 PM to Sunday 08/07 7:59 PM

Maximum operating time: No limit

Bands: 10M only (legacy\* only)

Mode(s) / Participation / Output Power: SSB / Worldwide / Maximum allowed

RX Exchange: Name + 10-10 No. (if a member) or "0" + State/province/country

TX Exchange: Name + 10-10 No. (if a member) or "0" + TN

Website: <http://www.ten-ten.org/index.php/activity/2013-07-22-20-26-48/qso-party-rules>

>>Other weekend activities of interest: See <https://contestcalendar.com/> for details.

- North American QSO Party, CW
- ARRL 222-MHz and Up Distance Contest

Heads up for the 08/12 to 08/18: MD/DC state QSO party and KY State Parks OTA plus the WAE DX Contest, CW.

**General CAUTIONS:** Watch the band edges corresponding to the privileges of your license class and the phone edges with respect to LSB (160M – 40M) and USB (20M – 10M). Be aware of digital segment limits. The lower 100-kHz of 6M and 2M is reserved for CW only, i.e., NO phone.

\* “legacy” means *no* 60M, 30M, 17M and 12M operations.

\*\*\*\*\* **Propagation** \*\*\*\*\* [K9JU]

A very good source for articles on propagation may be found at K9LA, Carl Luetzelschwab's, website <http://k9la.us/>. A wealth of information on the conditions on the sun may be found at <https://www.solarham.net/>.

>>From the HF Clock, the [wm7d.net](http://wm7d.net), the <https://spaceweather.com/> and <https://www.solarham.net/> websites: The Solar Flux Index (SFI) on the HF Clock is 109.0 (93 last week and 100 this morning); the other three sites are 109, 100 and 100, respectively. The Wolf [Sunspot] Number (##) is 37 (53 last week) from two Active Regions. The geomagnetic field is slightly unsettled with the Kp=2. No geomagnetic storms are expected through Friday. There are two new areas beyond the east limb of the sun detected by Stereo A. Both areas Tamitha Skov (#####) reported as being active. One area beyond the NE limb has a large solar prominence that could launch after rising and send high energy particles into space, some toward the Earth. Combined with coronal holes adding high speed solar wind to the party, we may enter a period of increased solar flux (good for 12M and 10M) with the possibility of radio blackouts once again.

(#) Coronal Mass Ejection (CME) – a significant release from the Corona of the Sun of plasma (charged particles and the associated magnetic field) into a solar wind. See: [https://en.wikipedia.org/wiki/Coronal\\_mass\\_ejection](https://en.wikipedia.org/wiki/Coronal_mass_ejection)

(##) Wolf [Sunspot] Number: See [https://en.wikipedia.org/wiki/Wolf\\_number](https://en.wikipedia.org/wiki/Wolf_number).

(###) Radio blackout categories may be found at the SMARC website under “Files” and “Documents.”

(#####) Tamitha Skov, WX6SWW, <https://www.spaceweatherwoman.com/>

\*\*\*\*\* **DX** \*\*\*\*\*

From the 425 DX News (<http://www.425dxn.org/>), DXNews.com (<https://dxnews.com/>) and the ARRL DX Bulletin <http://www.arrl.org/w1aw-bulletins-archive-dx> (ARLD031):

>>Once again, there are numerous DX SES (\*) on the air operating between various dates. See the 425 DX News and ARRL DX Bulletin for details. For example, 9A# (or 9A##) YOTA from 08/06 until 08/13 for the YOTA Summer Camp 2022 in Croatia. Certificates are available; for more information see <https://www.hamradio.hr/yota-yota-awards>.

>>J20EE, Djibouti (in the Horn of Africa), through September using CW, SSB and FT8 on 40M through 10M.

>>5R8LH, Madagascar (east of the African continent), until 09/09 operating SSB and digital modes; recent spots have been mostly FT8 on 40M, 20M, 17M and 15M. This is Elvira, IV3FSG.

(\*) SES denotes a Special Event Station(s) including special call sign stations.

**\*\*\*\*\* General News \*\*\*\*\* [K9JU]**

Sources include: the ARRL Letter, copyright/published by the American Radio Relay League, Newington, CT; the ARRL website (<http://www.arrl.org/>) ; Southgate Amateur Radio News (SARN), copyright/published by the Southgate ARC (<http://www.southgatearc.org/>); and, other sources as noted.

>>The ARRL podcasts: “On The Air” continues with a discussion of the 222- to 225-MHz band; “Eclectic Tech” continues with NR2B discussing lightning protection. [Listen to the podcasts with iTunes for iOS, Stitcher for Android and blubrry for desktop computers.] (ARRL Letter)

>>Hi-Z Antennas line of HF directive receiving antenna systems has been handed over to DX Engineering for sales and future designs. (ARRL Letter)

>>A video about the new “ARRL Radio Lab” introduces us to remoting our stations even if only several feet away to allow a cleaner operating position (leaves me out – *ed*).The video is available on YouTube at <https://www.youtube.com/watch?v=68BJxGHg74Y>. (ARRL Letter)

>>G3XBM has a free PDF Project Scrapbook with ideas for your next project. Projects include antennas, receivers, and low power transmitters and transceivers. You can find it at <https://www.youtube.com/watch?v=68BJxGHg74Y>. (SARN)

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