



HF Happenings 1123

<https://sarlnwsbulletin.wordpress.com/hfhappenings/>

December YOTA Month

Throughout December, special event station will be active, turning the month into YOTA activity month. Active callsigns will include: 4X1YOTA - Israel, LT4YOTA - Argentina, 8N2YOTA - Japan, OM9YOTA - Slovakia, 9A0YOTA - Croatia, OQ24YOTA - Belgium, AO24YOTA - Spain, PA6YOTA and PD6YOTA - Netherlands, DQ0YOTA - Germany, E71YOTA - Bosnia and Hercegovina, SU8YOTA - Egypt, GB24YOTA - UK, TC24YOTA - Turkey, HA6YOTA and HG0YOTA - Hungary, TM24YOTA and TM4YOTA - France, HLOYOTA - Korean Republic, VC2YOTA - Canada, K8O, W8A, K8T, K8Y - USA, YL24YOTA - Latvia, YS1YOTA - El Salvador, ZS9YOTA - South Africa. QSL only via ClubLog OQRS. Awards are available at <https://events.ham-yota.com/sw/>



The Pretoria ARC Flea Market

The Pretoria Amateur Radio Club will be having their flea market on Saturday 7 December 2024 at the Pretoria Old Motorcar Club starting at 10:00. The Club AGM will start at 12:30. Contact Alméro Du Pisani, ZS6LDP at almerodps@gmail.com for more information.



DX from Africa

(These count towards your All Africa Award)

November

- 26 - closing date for Newbie logs
- 27 - the Sandton Power Hour Tech Talk
- 28 - the closing date for 40 m Club logs
- 30 - Boland ARC end of the Year function

December

- 1 - Start of the YOTA Month
- 3 - International Day for people with Disabilities
- 4 to 6 - SARL/AMSATSA at SA Science Forum
- 5 - International Volunteers Day
- 7 - the ZS4SRK meeting and the ZS6PTA Flea market and AGM
- 11 - Provincial Schools close (officially)
- 12 to 23 - the Senior Scout Adventure 2024
- 14 and 15 - the ARRL 10 metre Contest
- 16 - the Day of the Vow
- 21 - Summer Solstice @ 11:20 CAT
- 24 Christmas Eve
- 25 Christmas Day
- 25 Dec to 2 Jan - Chanukah
- 26 - Family Day
- 31 - Old Year's Eve, the end of the YOTA Month, the 2024 DX Marathon and the SOTA 10 m Challenge

January

- 1 - New Year's Day, the start of SARL Centenary Marathon QSO Party, the

Gabon, TR. Roland, F8EN is once again active as TR8CR until mid-January 2025. Operation is from 30 to 10 metres using CW. QSL via F6AJA.



Morocco, CN. Ralf, DB4REB will be active as CN2REB while vacationing in Morocco from 30 November to 30 January 2025. He plans to operate CW, SSB and digital on various bands from Agadir and some POTA sites along the coast. See www.qrz.com/db/CN2REB for updates. QSL via eQSL, or direct to home call.

Central African Republic, TL. Elvira, IV3FSG will be active as TL8ES from Bangui, Central African Republic from 25 November to 9 December. She will operate SSB, CW, RTTY and other digital modes on 160 to 6 metres and will enable Club Log's Live Stream. One station will be monitoring 6 metres (50 313 kHz) 24/7 for possible openings. QSL via Club Log's OQRS, LoTW, or direct to IK2DUW. See <https://www.qrz.com/db/TL8ES> for more information.

Sierra Leone, 9L. A large group of members from the Provençal Radio Club F6KOP will be operating as 9L5A between 27 November and 8 December on 160 to 6 m using CW, SSB and digital modes as well as the QO-100 satellite. QSL via F5GSJ, OQRS. For more information see www.facebook.com/9L5A.

Benin, TY. Following on from the TY5C activity in March this year, Gérard, F5NVF will again be active from Godomey between 10 January and 2 April 2025. He will be active mostly from 80 to 10 metres using CW and digital. He will be active holiday-style using an IC-7000, 100 W and wire antennas. QSL direct via F5RAV / free LoTW.

African Islands

Reunion Island, FR. Jean-Marie, F4JCF will be active as FR/F4JCF between 24 November and 15 December. QSL via op's instructions.

Madagascar, 5R. Eric, F6ICX is once again active as 5R8IC until the end of 2024 from Saint Marie Island (AF-090) with operation on HF using mainly CW with some SSB. QSL via LoTW and home call.

Contest Calendar

This week's contests as compiled by Bruce Horn, WA7BNM. The period covered is from 25 November to 2 December 2024.

K1USN Slow Speed Test
00:00 - 01:00 UTC 25 November
Geographic Focus: Worldwide
Participation: Worldwide
Mode: CW
Bands: 160, 80, 40, 20, 15, 10 m
Classes: Single Op - QRP, low or high
Max power: HP: >100 watts; LP: 100 watts;
QRP: 5 watts
Exchange: Maximum 20 wpm - name and state, province or country
Work stations: Once per band
QSO Points: 1 point per QSO
Multipliers: Each state, province or country once per band
W/VE do not count as country mults

Score Calculation: Total score = total QSO points x total mults
Submit logs by: 23:59 UTC 27 November 2024
Post log summary at: www.3830scores.com
Mail logs to: (none)
Find rules at: www.k1usn.com/sst.html



QCX Challenge

13:00 - 14:00 UTC and 19:00 - 20:00 UTC 25 November and 03:00 - 04:00 UTC 26 November
 Geographic Focus: Worldwide
 Participation: Worldwide
 Mode: CW
 Bands: 160, 80, 40, 20, 15, 10 m
 Classes: Single Op
 Max power: HP: >5 watts; QRP: 5 watts
 Exchange: RST, name, state, province or country and rig
 Work stations: Once per band
 QSO Points: 3 points per QSO with QCX station; 1 point per QSO with non-QCX station
 Multipliers: (none)
 Score Calculation: Total score = total QSO points
 Submit logs by: 04:00 UTC 1 December 2024
 Post log summary at: www.3830scores.com
 Mail logs to: (none)
 Find rules at: www.qrp-labs.com/party.html

ICWC Medium Speed Test
 13:00 - 14:00 UTC and 19:00 - 20:00 UTC 25 November and 03:00 - 04:00 UTC 26 November
 Geographic Focus: Worldwide
 Participation: Worldwide
 Mode: CW
 Bands: 160, 80, 40, 20, 15, 10 m
 Classes: Single Op - QRP, low or high
 Max power: HP: >100 watts; LP: 100 watts; QRP: 5 watts
 Exchange: Name and QSO no
 Work stations: Once per band
 QSO Points: 1 point per QSO
 Multipliers: Each call once
 Score Calculation: Total score = total QSO points x total mults
 Submit logs by: 04:00 UTC 28 November 2024
 Post log summary at: www.3830scores.com
 Mail logs to: (none)
 Find rules at: <http://internationalcouncil.org/mst-contest/>

OK1WC Memorial (MWC)
 16:30 - 17:29 UTC 25 November
 Geographic Focus: Worldwide
 Participation: Worldwide
 Mode: CW

Bands: 80, 40 m
 Classes: Single Op All Band - QRP or low; Single Op Single Band - QRP or low
 Max power: LP: 100 watts; QRP: 5 watts
 Exchange: RST and serial no
 Work stations: Once per band
 QSO Points: 1 point per QSO
 Multipliers: Each last character of worked station call suffix once per band
 Score Calculation: Total score = total QSO points x total mults
 Submit logs by: 06:00 UTC 29 November 2024
 E-mail logs to: (none)
 Upload log at: <https://memorial-ok1wc.cz/index.php?page=logs>
 Mail logs to: (none)
 Find rules at: <https://memorial-ok1wc.cz/index.php?page=rules2>



Worldwide Sideband Activity Contest
 01:00 - 01:59 UTC 26 November
 Geographic Focus: Worldwide
 Participation: Worldwide
 Mode: SSB
 Bands: 160, 80, 40, 20, 15, 10, 6 m
 Classes: Single Op - QRP, low or high
 Overlay: Youth (26 years old or younger); Youth YL (female 26 years old or younger); YL (female older than 26 years)
 Max power: HP: 1 500 watts; LP: 100 watts; QRP: 5 watts
 Exchange: RS and age group (OM, YL, Youth YL or Youth)
 Work stations: Once per band
 QSO Points: 1 point per QSO with OM; 5 points per QSO with YL; 10 points per QSO with Youth; 15 points per QSO with Youth YL
 Multipliers: Each DXCC once per band
 Score Calculation: Total score = total QSO points x total mults
 Submit logs by: 01:59 UTC 27 November 2024
 E-mail logs to: (none)
 Upload log at: <https://logs.wwsac.com/>

Mail logs to: (none)
Find rules at: <https://wwsac.com/rules.html>

SKCC Sprint

00:00 - 02:00 UTC 27 November
Geographic Focus: Worldwide
Participation: Worldwide
Awards: Worldwide
Mode: CW
Bands: 160, 80, 40, 20, 15, 10, 6 m
Classes: Single-Op – QRPP, QRP, QRO or QRO plus; Multi-Op
Max power: QRO plus: >100 watts; QRO: 100 watts; QRP: 5 watts; QRPP: 1 watt
Exchange: RST, state, province or country, name and SKCC no or "NONE"
Work stations: Once per band
QSO Points: (see rules)
Multipliers: Each state, province, or country once
Score Calculation: Total score = (total QSO points x total mults) and bonus points
Submit logs by: 23:59 UTC 1 December 2024
E-mail log summary to: (none)
Post log summary at:
www.skccgroup.com/operating_activities/weekday_sprint/submit-display.php
Mail logs to: (none)
Find rules at:
www.skccgroup.com/operating_activities/weekday_sprint/



QRP Fox Hunt

02:00 - 03:30 UTC 27 November
Geographic Focus: United States
Participation: Worldwide
Mode: CW
Bands: 160 m Only
Classes: Single Op - fox or hound
Max power: 5 watts
Exchange: RST, state, province or country, name and power output

QSO Points: 1 point per QSO
Multipliers: (none)
Score Calculation: Total score = total QSO points
Submit logs by: 03:30 UTC 28 November 2024
E-mail logs to: (see rules)
Mail logs to: (none)
Find rules at:
www.grpfoxhunt.org/winter_rules.htm

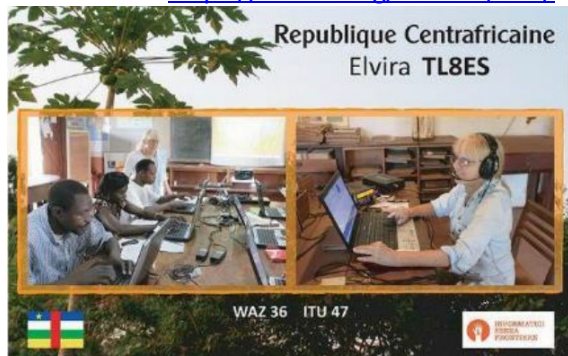
Phone Weekly Test

02:30 - 03:00 UTC 27 November
Geographic Focus: North America
Participation: Worldwide
Mode: SSB
Bands: 160, 80, 40, 20, 15 m
Classes: Single Op
Max power: 100 watts
Exchange: NA: Name and state, province or country; non-NA: Name
Work stations: Once per band
QSO Points: NA station: 1 point per QSO; non-NA station: 1 point per QSO with an NA station
Multipliers: Each US state (including KH6/KL7) once per band; Each VE province/territory once per band; Each North American country (except W/VE) once per band
Score Calculation: Total score = total QSO points x total mults
Submit logs by: 03:00 UTC 29 November 2024
E-mail logs to: (none)
Post log summary at: www.3830scores.com
Mail logs to: (none)
Find rules at:
[www.perluma.com/Phone Fray Contest Rule s.pdf](http://www.perluma.com/Phone_Fray_Contest_Rule_s.pdf)

A1Club AWT

12:00 - 13:00 UTC 27 November
Geographic Focus: Worldwide
Participation: Worldwide
Mode: CW
Bands: 160, 80, 40, 20, 15, 10 m
Classes: Single Op - QRP, low or high
Max power: HP: >100 watts; LP: 100 watts; QRP: 5 watts
Exchange: Member: RST and name
Work stations: Once per band
QSO Points: 1 point per QSO
Multipliers: Each call once

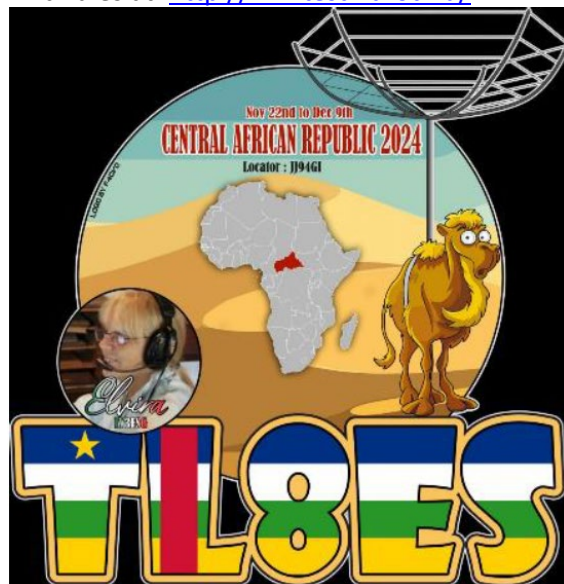
Score Calculation: Total score = total QSO points x total mults
 Submit logs by: 2 December 2024
 Post log summary at: www.3830scores.com
 Mail logs to: (none)
 Find rules at: <https://a1club.org/contest/awt/>



CWops Test (CWT)
 13:00 - 14:00 UTC and 19:00 - 20:00 UTC 27 November and 03:00 - 04:00 UTC and 07:00 - 08:00 UTC 28 November
 Geographic Focus: Worldwide
 Participation: Worldwide
 Awards: Worldwide
 Mode: CW
 Bands: 160, 80, 40, 20, 15, 10 m
 Classes: Single Op - QRP, low or high
 Max power: HP: >100 watts; LP: 100 watts; QRP: 5 watts
 Exchange: Member: Name and member no or CWA; non-Member: Name and state, province or country
 Work stations: Once per band
 QSO Points: 1 point per QSO
 Multipliers: Each call once
 Score Calculation: Total score = total QSO points x total mults
 Submit logs by: 08:00 UTC 30 November 2024
 Post log summary at: www.3830scores.com
 Mail logs to: (none)
 Find rules at: <https://cwops.org/cwops-tests/>

Mini-Test 40
 17:00 - 17:59 UTC 27 November
 Geographic Focus: Worldwide
 Participation: Worldwide
 Mode: CW
 Bands: 40 m Only
 Classes: Single Op - QRP, low or high
 Max power: HP: >100 watts; LP: 100 watts; QRP: 5 watts
 Exchange: RST and serial no
 Work stations: Once per 10-minute period

QSO Points: 1 point per QSO
 Multipliers: Each call once
 Score Calculation: Total score = total QSO points x total mults
 Submit logs by: 29 November 2024
 Upload log at: <https://ua9qcq.com/hf-logs.php>
 Mail logs to: (none)
 Find rules at: <http://minitest.narod.ru/>



Mini-Test 80
 18:00 - 18:59 UTC 27 November
 Geographic Focus: Worldwide
 Participation: Worldwide
 Mode: CW
 Bands: 80 m Only
 Classes: Single Op - QRP, low or high
 Max power: HP: >100 watts; LP: 100 watts; QRP: 5 watts
 Exchange: RST and serial no
 Work stations: Once per 10-minute period
 QSO Points: 1 point per QSO
 Multipliers: Each call once
 Score Calculation: Total score = total QSO points x total mults
 Submit logs by: 29 November 2024
 Upload log at: <https://ua9qcq.com/hf-logs.php>
 Mail logs to: (none)
 Find rules at: <http://minitest.narod.ru/>

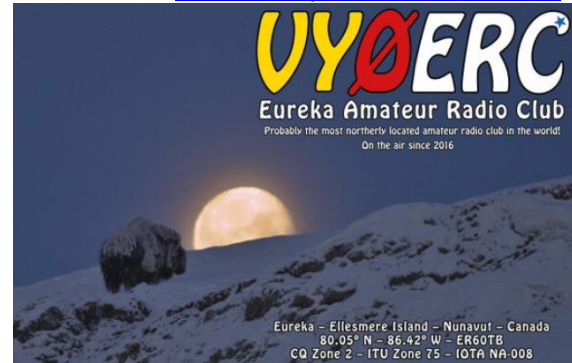
UKEICC 80 m Contest
 20:00 - 21:00 UTC 27 November
 Geographic Focus: Europe
 Participation: Worldwide
 Mode: CW
 Bands: 80 m Only

Classes: Single Op Connected - QRP, low or high; Single Op Unconnected - QRP, low or high
 Max power: HP: 1 500 watts; LP: 100 watts;
 QRP: 5 watts
 Exchange: 6-Character grid square
 QSO Points: 1 point per 500 km (10 pts max); multiply QSO points by 2 if low power station; multiply QSO points by 4 if QRP station
 Multipliers: (none)
 Score Calculation: Total score = total QSO points
 Submit logs by: 22:00 UTC 27 November 2024
 E-mail logs to: (none)
 Upload log at: <http://logs.ukeicc.com/cgi-bin/hfenter.pl>
 Mail logs to: (none)
 Find rules at: www.ukeicc.com/80m-rules.php

RSGB 80 m Autumn CW Series
 20:00 - 21:30 UTC 28 November
 Geographic Focus: United Kingdom
 Participation: Worldwide
 Mode: CW
 Bands: 80 m Only
 Classes: 100 W; 10 W
 Exchange: RST and serial no
 QSO Points: 1 point per QSO
 Multipliers: (none)
 Score Calculation: Total score = total QSO points
 Submit logs by: 23:59 UTC 1 December 2024
 Upload log at: www.rsgbcc.org/cgi-bin/hfenter.pl
 Mail logs to: (none)
 Find rules at: www.rsgbcc.org/hf/rules/2024/rautumn.shtml

NCCC FT4 Sprint
 01:00 - 01:30 UTC 29 November
 Geographic Focus: North America
 Participation: Worldwide
 Mode: FT4
 Bands: (see rules)
 Classes: (none)
 Max power: 100 watts
 Exchange: 4-character grid square
 QSO Points: 1 point per QSO
 Multipliers: Each 4-character grid square once per band

Score Calculation: Total score = total QSO points x total mults
 Submit logs by: 1 December 2024
 E-mail logs to: (none)
 Upload log at: <https://lotw.arrl.org/>
 Post log summary at: www.3830scores.com/
 Mail logs to: (none)
 Find rules at: www.ncccsprint.com/ft4ns.html



Weekly RTTY Test
 01:45 - 02:15 UTC 29 November
 Geographic Focus: North America
 Participation: Worldwide
 Mode: RTTY
 Bands: 80, 40, 20, 15, 10 m
 Classes: Single-Op - QRP or low
 Max power: LP: 100 watts; QRP: 5 watts
 Exchange: Name and state, province or country
 Work stations: Once per band
 QSO Points: 1 point per QSO
 Multipliers: Each callsign once
 Score Calculation: Total score = total QSO points x total mults
 Submit logs by: 1 December 2024
 E-mail logs to: (none)
 Post log summary at: www.3830scores.com/
 Mail logs to: (none)
 Find rules at: <https://radiosport.world/wrt.html>

QRP Fox Hunt
 02:00 - 03:30 UTC 29 November
 Geographic Focus: United States
 Participation: Worldwide
 Mode: CW
 Bands: 160 m Only
 Classes: Single Op - fox or hound
 Max power: 5 watts
 Exchange: RST, state, province or country, name and power output
 QSO Points: 1 point per QSO

Multipliers: (none)
Score Calculation: Total score = total QSO points
Submit logs by: 03:30 UTC 30 November 2024
E-mail logs to: (see rules)
Mail logs to: (none)
Find rules at:
www.qrpfoxhunt.org/winter_rules.htm



NCCC Sprint
02:30 - 03:00 UTC 29 November
Geographic Focus: North America
Participation: Worldwide
Mode: CW
Bands: (see rules)
Classes: (none)
Max power: 100 watts
Exchange: Serial no, name and QTH
Score Calculation: Total score = total QSO points x total mults
Submit logs by: 1 December 2024
E-mail logs to: (none)
Post log summary at: www.3830scores.com/
Mail logs to: (none)
Find rules at:
<https://ncccsprint.com/rules.html>

K1USN Slow Speed Test
20:00 - 21:00 UTC 29 November
Geographic Focus: Worldwide
Participation: Worldwide

Mode: CW
Bands: 160, 80, 40, 20, 15, 10 m
Classes: Single Op - QRP, low or high
Max power: HP: >100 watts; LP: 100 watts;
QRP: 5 watts
Exchange: Maximum 20 wpm - name and state, province or country
Work stations: Once per band
QSO Points: 1 point per QSO
Multipliers: Each state, province or country once per band
W/VE do not count as country mults
Score Calculation: Total score = total QSO points x total mults
Submit logs by: 23:59 UTC 1 December 2024
Post log summary at: www.3830scores.com
Mail logs to: (none)
Find rules at: www.k1usn.com/sst.html

Ham Spirit Contest
08:00 UTC 30 November to 07:59 UTC 1 December
Geographic Focus: Worldwide
Participation: Worldwide
Mode: CW, SSB
Bands: 160, 80, 40, 20, 15, 10 m
Classes: Single Op All Band - CW phone or mixed - low or high; Single Op Single Band - CW phone or mixed; Note: Assistance allowed in single op categories; Multi-Single
Max power: HP: >100 watts; LP: 100 watts
Exchange: RST, ITU Zone no and 2-character grid field
Work stations: Once per band
QSO Points: (see rules)
Multipliers: Each unique combination of ITU zone and grid field once per band
Score Calculation: Total score = total QSO points x total mults
Submit logs by: 07:59 UTC 8 December 2024
E-mail logs to: (none)
Upload log at: <https://ua9qcq.com/hf-logs.php>
Mail logs to: (none)
Find rules at: www.hamspiritcontest.com/

K1USN Slow Speed Test
00:00 - 01:00 UTC 2 December
Geographic Focus: Worldwide
Participation: Worldwide
Mode: CW
Bands: 160, 80, 40, 20, 15, 10 m

Classes: Single Op - QRP, low or high
 Max power: HP: >100 watts; LP: 100 watts;
 QRP: 5 watts
 Exchange: Maximum 20 wpm - name and state, province or country
 Work stations: Once per band
 QSO Points: 1 point per QSO
 Multipliers: Each state, province or country once per band
 W/VE do not count as country mults
 Score Calculation: Total score = total QSO points x total mults
 Submit logs by: 23:59 UTC 4 December 2024
 Post log summary at: www.3830scores.com
 Mail logs to: (none)
 Find rules at: www.k1usn.com/sst.html



ICWC Medium Speed Test
 13:00 - 14:00 UTC and 19:00 - 20:00 UTC 2 December and 03:00 - 04:00 UTC 3 December
 Geographic Focus: Worldwide
 Participation: Worldwide
 Mode: CW
 Bands: 160, 80, 40, 20, 15, 10 m
 Classes: Single Op - QRP, low or high
 Max power: HP: >100 watts; LP: 100 watts;
 QRP: 5 watts
 Exchange: Name and QSO no

Work stations: Once per band
 QSO Points: 1 point per QSO
 Multipliers: Each call once
 Score Calculation: Total score = total QSO points x total mults
 Submit logs by: 04:00 UTC 5 December 2024
 Post log summary at: www.3830scores.com
 Mail logs to: (none)
 Find rules at: <https://internationalcwcouncil.org/mst-contest/>

OK1WC Memorial (MWC)
 16:30 - 17:29 UTC 2 December
 Geographic Focus: Worldwide
 Participation: Worldwide
 Mode: CW
 Bands: 80, 40 m
 Classes: Single Op All Band - QRP or low; Single Op Single Band - QRP or low
 Max power: LP: 100 watts; QRP: 5 watts
 Exchange: RST and serial no
 Work stations: Once per band
 QSO Points: 1 point per QSO
 Multipliers: Each last character of worked station call suffix once per band
 Score Calculation: Total score = total QSO points x total mults
 Submit logs by: 06:00 UTC 6 December 2024
 E-mail logs to: (none)
 Upload log at: <https://memorial-ok1wc.cz/index.php?page=logs>
 Mail logs to: (none)
 Find rules at: <https://memorial-ok1wc.cz/index.php?page=rules2>

Next Week's Contests

ARS Spartan Sprint, 01:00 - 03:00 UTC 3 December
 Worldwide Sideband Activity Contest, 01:00 - 01:59 UTC 3 December
 QRP Fox Hunt, 02:00 - 03:30 UTC 4 December
 Phone Weekly Test, 02:30 - 03:00 UTC 4 December
 A1Club AWT, 12:00 - 13:00 UTC 4 December
 CWops Test, 13:00 - 14:00 UTC and 19:00 - 20:00 UTC 4 December and 03:00 - 04:00 UTC and 07:00 - 08:00 UTC 5 December
 Mini-Test 40, 17:00 - 17:59 UTC 4 December
 Mini-Test 80, 18:00 - 18:59 UTC 4 December
 QRP ARCI Topband Sprint, 00:00 - 03:00 UTC 5 December
 Walk for the Bacon QRP Contest, 00:00 - 01:00 UTC 5 December and 02:00 - 03:00 UTC 6 December

NRAU 10 m Activity Contest, 18:00 - 19:00 UTC (CW) and 19:00 - 20:00 UTC (SSB) and 20:00 - 21:00 UTC (FM) and 21:00 - 22:00 UTC (Dig) 5 December
 SKCC Sprint Europe, 20:00 - 22:00 UTC 5 December
 NCCC FT4 Sprint, 01:00 - 01:30 UTC 6 December
 Weekly RTTY Test, 01:45 - 02:15 UTC 6 December
 QRP Fox Hunt, 02:00 - 03:30 UTC 6 December
 NCCC Sprint, 02:30 - 03:00 UTC 6 December
 K1USN Slow Speed Test, 20:00 - 21:00 UTC 6 December
 ARRL 160-Metre Contest, 22:00 UTC 6 December to 16:00 UTC 8 December
 Kalbar Contest, 00:00 UTC 7 December to 23:59 UTC 8 December
 Wake-Up! QRP Sprint, 06:00 - 06:29 UTC and 06:30 - 06:59 UTC and 07:00 - 07:29 UTC and 07:30 - 08:00 UTC 7 December
 PRO CW Contest, 12:00 UTC 7 December to 11:59 UTC 8 December
 INORC Contest, 14:00 UTC 7 December to 13:59 UTC 8 December
 FT Challenge, 18:00 UTC 7 December to 23:59 UTC 8 December
 QRP ARCI Holiday Spirits Sprint, 20:00 - 23:00 UTC 8 December
 K1USN Slow Speed Test, 00:00 - 01:00 UTC 9 December
 4 States QRP Group Second Sunday Sprint, 01:00 - 03:00 UTC 9 December
 ICWC Medium Speed Test, 13:00 - 14:00 UTC and 19:00 - 20:00 UTC 9 December and 03:00 - 04:00 UTC 10 December
 OK1WC Memorial, 16:30 - 17:29 UTC 9 December
 Worldwide Sideband Activity Contest, 01:00 - 01:59 UTC 10 December

Items used with acknowledgement to the ARRL Letter, the ARRL DX News, 425 DX Bulletin, DXNL Newsletter and DX-World



<https://www.bombastik.co.za>
info@bombastik.co.za

107 Kenridge Avenue, Kenridge,
Durbanville, Cape Town, 7550

082 785 7763

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The Bombastik Crew Offer Great Customer Service and Quality Above All.



ANTENNAS: See our high **quality** hand crafted antennas and accessories.

RADIOS: We represent the latest generation highest quality Chinese radio's. We do not sell cheap and cheerful, but rather top quality, high spec radios at unbelievable prices.

ACCESSORIES: a wide range of quality accessories are available. Equipment you will be proud to display in your shack.

WEBSITE: Visit our educational and useful site full of excellent content.

www.bombastik.co.za

