

South African Radio League



2008 Contest Manual

“The Blue Book”

2008 SARL Contest Manual

“THE BLUE BOOK”

This is the seventh edition of the Blue Book, the SARL contest manual containing the rules of the following contests and activities:

SARL 80 m QSO Parties	SARL Digital Contest
SARL Field Day Contest	SARL HF Phone and CW Contest
SARL Hamnet 40 m Simulated Emergency Contest	
SARL VHF/UHF Contests	SARL 40 Metre Mobile Sprint
SARL 160 m QSO Party	

The particular contest's rules need to be read in conjunction with the General Rules contained herein.

The following contest rules are also included in this document:

Boland ARC 40-metre Contest	DARC Phone and CW Sprint
PEARS HF QSO Party	PEARS VHF/UHF Contest
Autumn and Spring QRP Sprints	ZS3 & ZS4 Phone and CW Sprint
AWA Valve QSO Party	VHF/UHF Sprint
IARU Region 1 Field Day	IARU HF Championships
RSGB Commonwealth Contest	RSGB 21/28 MHz Contest
RSGB IOTA Contest	ARRL International CW and Phone Contest
ARRL 10 Metre Contest	2008 CQ DX Marathon
CQ WW RTTY WPX Contest	CQ WW WPX Phone & CW Contests
CQ WW DX Phone & CW Contests	

I would like to express my grateful appreciation to the willingness of the contest committees to run the various contests for the year 2008. I have solicited help to integrate their inputs into both the separate contests and the general rules. By incorporating several common features into the General Rules, we have greatly simplified the individual contest rules.

The perpetual dates will eliminate guesswork as to when a particular contest will take place in the future, as they are now all tied down to a specific day or weekend of a month.

Only the address as stated in the rules shall be used!

Please circulate the Blue Book amongst your amateur friends.

Why is it called “The Blue Book”? The first issue was published with a blue cover and from there the name.

Good contesting,

Dennis Green, ZS4BS
SARL HF Contest Manager

Email: zs4bs@netactive.co.za

SARL General Contest Rules

1. General
 - a. These contest rules apply to all SARL contests with effect from 1 January 2008. Contestants shall also comply with the specific rules of each specific contest.
 - b. The contests are open to all licensed amateurs in South Africa, Namibia, Botswana, Lesotho, Swaziland, Angola, Zimbabwe, Malawi, Mozambique, Zambia, Madagascar, St Helena Island, Tristan da Cunha and Gough Island, Marion and Prince Edward Islands, South African Antarctica, Mayotte Island, Comoros Islands, Reunion and Mauritius Islands and their associated islands, unless otherwise stated.
 - c. Stations located outside of the Republic of South Africa may enter a contest, and will be tabulated within the overall results tables, but will only be eligible for their own awards.
 - d. Complaints or suggestions regarding rules may be submitted in writing to the Contest Manager. Submissions will be collated and considered for possible future revision.
 - e. All operations shall be conducted in accordance with the limitations of the entrant's licence and with the rules and spirit of the contest.
2. Official Contests
 - a. The following are the Official SARL contests:
 - i. SARL 80 m QSO Parties
 - ii. SARL Digital Contest
 - iii. SARL Field Day Contest
 - iv. SARL Hamnet 40 m Simulated Emergency Contest
 - v. SARL HF Phone and CW Contests
 - vi. SARL VHF/UHF Contests
3. Proposed Events or Contests
 - a. Proposals for any new contests or other on-the-air activities may be submitted to the SARL Contest Manager by 31 October annually for inclusion in the following year's Official Calendar of Events. A copy to SARL Headquarters is also recommended.
4. Paper entries: Log sheets and Summary Sheets
 - a. The official SARL Log sheet or a reasonable copy thereof is preferred in all contests. The log sheet shall contain all the required information. An example of the official log sheet is contained herein or can be found on the SARL Website.

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- b. Log sheets shall contain the following information: Date, time in UTC, call sign of station contacted, exchange (i.e. RST and/or serial sent and received), points claimed for each contact and, in the case of VHF contests, grid locator or physical location of the station contacted and the distance worked.
- c. A separate chronological log shall be submitted for every frequency band worked. For contests requiring serial numbers, a single consecutive numbering sequence shall be used for all contacts. However, a multi-operator station transmitting on several bands simultaneously may at their discretion use separate number sequences for each band.
- d. In all contests, the official SARL Summary Sheet, or a reasonable copy thereof, is preferred and all information required on Summary Sheet shall be completed. A copy of the official Summary Sheet is contained in this manual or can be found on the SARL Website.
- e. Summary Sheets shall contain the following information, where applicable: contest date, call sign used, category entered, call signs of all operators, a breakdown of points claimed and details of the contact person (name, address, telephone and/or fax numbers and email address) and a signed declaration as detailed below. Other information such as details of equipment used (antenna, transceiver, power, etc.); SARL membership status, club if any and longest distance worked for each band can also be included.
- f. The declaration to be included on the summary sheet shall state:

I declare that this station was operated in accordance with the Amateur Radio Regulations, Terms of my Licence and the Rules of the Contest. I accept the decision of the Contest Committee.

Signed at this day of 200 ...

Signature

5. Electronic Logs and Summary Sheets

- a. Participants may submit text file logs and summary sheets instead of written logs, by disk or email. The received log shall be capable of being viewed and printed using Microsoft® Notepad/WordPad, Word or Excel. The summary sheet shall include the declaration specified in Clause 4f. The Contest Committee may request a signed paper copy.
- b. QSOs shall be separated by a carriage return, and each QSO shall include the information as specified for written QSOs in Clause 4b above.

6. Closing Date, and Announcement of preliminary and final Results

- a. Entries shall be postmarked or e-mailed not later than 15 days after the contest has ended.

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- b. The Contest Committee shall meet no more than five weeks after the contest and compile a list of claimed scores submitted. This list shall be emailed to all entrants for whom email addresses are available, and submitted to the SARL Webmaster for publication on the Web site. Written objections and comments shall be lodged with the SARL Contest Manager within one week of publication.
 - c. The Contest Committee shall compile final results and forward them together with a contest analysis to the SARL Contest Manager, the SARL National Bulletin compiler and to the Editor of Radio ZS for publication. It is also recommended that the Committee e-mail the final results to all participants for whom addresses are available.
7. Address for Contest Entries
 - a. Entries shall be submitted to the Contest Committee for the contest concerned, and not to SARL Headquarters. The relevant address for each contest is published in the rules for that contest.
8. Locators
 - a. In all contests where stations must transmit their location as part of the exchange, the Maidenhead Grid Locator System shall be used. This shall consist of the full 6-digit system.
9. Dispute Resolution
 - a. Written objections shall be submitted to the SARL Contest Manager within 14 days of the announcement or publication of the list of claimed scores for the contest concerned. The Contest Manager shall convey the objection to the relevant Contest Committee for comment.
 - b. The Contest Committee shall present its decision to the SARL Contest Manager within seven days of receipt of such objections, and its decision shall be final.
10. Definitions
 - a. Single operator: A contestant operating alone and without aid from another person, whether present or via remote communication.
 - b. Multi-operator: a station operated by more than one person, either for the entire duration of the contest or part of the time. There is no limitation on the number of operators that may be used."
 - c. Equipment: Includes both station equipment and antennas utilised for the contest.
 - d. All equipment for stations must be located within a diameter of 500 m or within the property limits of the station licensee, whichever is the greater.

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- e. Fixed Station: A station, which is operated from, and located at, the registered main station address of a licensee as shown on a radio station licence, regardless of the call sign being used for the contest. Except in the case of stations normally shared by several licensees (e.g. relatives), only one call sign may be used for the duration of the contest.
 - f. Portable / Field Station: A temporary station, operated from a location other than that of the registered main station address of a licensed amateur. Antennas may not be supported by any permanent man-made structure or building. The power for the station shall be drawn from a source other than the normal mains supply, e.g. batteries, portable generator, solar power, wind power or some alternative source of power. Storage batteries may be recharged during the contest by any of the above alternative power sources, including a motor vehicle, but a mains supply may not be used for this purpose.
11. Penalties and Disqualification
- a. Any entrant found to be operating in contravention of the Rules or in any way, not operating within the spirit of the contest may be disqualified. The Contest Committee's decision in this regard and in the interpretation of any other rule shall be final. Reports of persistent poor signal quality or poor operating practice shall be deemed to fall into this classification.
 - b. Unmarked duplicate contacts or contacts containing incorrect or invalid times, call signs, grid locators or exchanges will be removed from the entrant's log. In addition, the Contest Committee may impose a penalty of three valid contacts of equal value for every contact removed from the entrant's log. A reduction in claimed score of more than 20% shall result in exclusion from the results.
 - c. Any entrant excluded in terms of this rule may appeal to the contest committee in writing within 14 days of notice of, providing full details of reasons to overturn the decision. The Committee shall announce its final decision no later than seven days after receipt of the appeal.
 - d. Entries that do not contain the required information on Log and Summary Sheets, or that are illegible may be rejected or reclassified as check logs, not eligible for awards.
12. Limitations
- a. Operators of a multi-operator Field or Portable Station may not be claimed as contacts.
 - b. Contacts with call signs appearing as operators on any of the summary sheets forming an entry shall not count for points or multipliers.

SARL 80 m QSO Party

1. Aim

The aim of these contests is to create an interest in and activity on the 80 m band. It is a phone only contest.

2. Dates

The first Thursday in April and October. [3 April 2008 and 2 October 2008]

3. Time:

From 17:00 to 20:00 UTC [19:00 to 22:00 CAT]

4. Frequencies

Only frequencies in the segment 3,603 to 3,700 MHz may be used.

5. Exchange

Call sign, RS signal report and serial number commencing with 001

6. Categories

Single Operator
Short Wave Listener (SWL)

7. Scoring

10 points for every contact with a South African station.
15 points for every contact with a station outside South Africa.

8. Sponsor

Durban Amateur Radio Club, 17 Brownlee Place, Bluff, Durban, 4052

E-Mail: zs5lp@sharksden.co.za

9. Closing date for log submission: 18 April 2008 and 17 October 2008

SARL Digital Contest

1. Aim

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To establish as many contacts as possible between radio amateurs in Southern Africa using the PSK mode. The contest is open to all radio amateurs in Southern Africa (General Rules para 1.b.).

2. Date And Time

The last Sunday of June, from 13:00 UTC to 16:00 UTC [15:00 to 18:00 CAT]. [29 June 2008]

3. Bands

80, 40 and 20 metres

4. Categories

SOSB-HP: Single operator, Single Band, High Power. Those stations at which one performs all of the operating, logging and spotting functions. The output power shall not exceed 100 watt.

SOAB-HP: Single Operator, All Bands, High Power. Those stations at which one performs all of the operating, logging and spotting functions. Only one signal is allowed at any one time. The operator may change bands at any time. The output power shall not exceed 100 watt.

SOSB-LP: Single operator, Single Band, Low Power. Those stations at which one performs all of the operating, logging and spotting functions. The output power shall not exceed 10 watt.

SOAB-LP: Single Operator, All Bands, Low Power. Those stations at which one performs all of the operating, logging and spotting functions. Only one signal is allowed at any one time. The operator may change bands at any time. The output power shall not exceed 10 watt.

Short Wave Listener (SWL)

5. Exchange:

Signal report plus QSO number, starting at 001

6. Points

Contacts with stations in the same ZS call area are worth 2 points.

Contacts with stations in the same Southern African country (GR 1.b) are worth 2 points.

Contacts with stations in different ZS call areas are worth 4 points.

Contacts with stations in different Southern African countries (GR 1.b) are worth 4 points.

Contacts with stations outside the Southern African region (GR 1.b) are worth 1 point

7. Multiplier

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A multiplier of one for each different ZS call area contacted on each band.

A multiplier of one for each different Southern African country (GR 1.b) contacted on each band.

8. Scoring

The final score is the result of the total QSO points multiplied by the sum of your ZS call area and Southern African country (GR 1.b) country multipliers.

9. Sponsor

Lichtenburg ARC, PO Box 410, Lichtenburg, 2740

E-mail: eddieleighton@nwk.co.za

10. Closing date for log submission: 7 July 2008.

SARL Field Day Contest

1. Aim

The aim of the contest is to involve Southern African stations in a competitive and sociable event held under simulated emergency conditions. The contest is open to all licensed radio amateurs in Southern Africa (General Rules para 1.b).

2. Date and Time

The contest will take place on the second full weekend of February and the third full weekend November, between 10:00 UTC Saturday and 10:00 UTC Sunday [12:00 to 12:00 CAT]. [9 and 10 February 2008 and 15 and 16 November 2008]

3. Frequencies and Modes

160, 80, 40, 20, 15 and 10 metres

Modes permissible are SSB and CW.

A station may be worked once on CW and once on phone per band.

Cross-band or cross-mode operation is not permitted.

4. Categories

a) Single Operator All Band – QRP, low power or high power

b) Single Operator Single Band – QRP, low power or high power

c) Multi-Operator All Band – QRP, low power or high power

d) Multi-Operator Single Band – QRP, low power or high power

e) General All Band – QRP, low power or high power (single or multi-operator station that do not conform to field-station requirements)

f) General Single Band – QRP, low power or high power (single or multi-operator station that do not conform to field-station requirements)

g. Short Wave Listener (SWL)

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5. Call signs

Only one call sign per station is permitted. In the case of multi-operator stations using more than one transmitter, all operators shall use the same call sign.

6. Antennas

Only wire and single-element vertical antennas are permitted. The use of man-made supporting structures permanently existing on the site is prohibited.

7. Radio Equipment and Power Limits

There is no limitation to the number of transmitters or receivers that may be employed, but stations may not radiate more than two signals at any time and these must be on different bands.

QRP = power 5 watt or less.

Low power = 6 to 50 watts

High power = 51 to 100 watts

The maximum output power permissible shall be 100 W PEP.

8. Establishment of Stations

No radio equipment may be located in permanent buildings existing on the site.

Equipment for Portable Stations may only be set up in the 24 hours prior to the starting time of the contest. This restriction applies to antennas, masts, towers and transmitting equipment, but excludes accommodation such as a caravan, tent, etc.

Once a Field Station has been established at a site, it may not move to an alternative site after the contest starts.

Field stations shall comply with the restrictions on power sources specified in the definition for Portable / Field Stations in the General Contest Rules.

9. Exchange

Exchange report RS(T) and entrance category. Phone - RS and S or M or G; CW - RST and S or M or G. S = Single Operator; M = Multi-operator; G = General station.

10. Scoring

The final score is the sum of the separate scores on each band, multiplied by the power multiplier. Field Stations multiply the final score by 2.

The score for each band is the cumulative sum of contact points, multiplied by the number of areas worked on that band, multiplied by the band multiplier.

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Contact points are determined as follows:

QSO with a General station in own area:	1 point.
QSO with a General station in another area:	2 points.
QSO with a Field Day Station in own area:	3 points.
QSO with a Field Day Station in another area:	4 points.

A maximum of eight areas can be contacted:

Area 1: ZS1

Area 2: ZS2

Area 3: ZS3

Area 4: ZS4

Area 5: ZS5

Area 6: ZS6

Area 7: 3DA, 7P, 7Q, 9J, C9, A2, D2, V5, Z2, ZD7, ZD9, ZS7, ZS8, FR, 3B8, 5R, FH and D6

Area 8: Stations in the rest of the world.

The band multiplier is 1.5 for 10, 15 and 20 m, 2 for 40 m, 3 for 80 m and 4 for 160 m.

Power multipliers: The power multiplier that applies is determined by the highest power output of any of the transmitters used during the Field Day operation.

If all contacts are made using a power of 5 watts or less the power multiplier is 6.

If all contacts are made using an output power of 6 to 50 Watts, the power multiplier is 4.

If any contacts are made using an output of 51 watts or greater, the power multiplier is 2.

Only one power multiplier may be applied to the score of any entry.

11. Awards

Certificates will be issued for the first 3 places in each of the main categories.

12. Sponsor

Bloemfontein Radio Amateur Club, PO Box 12104, Brandhof, 9324

E-mail: hfcontests@netactive.co.za

13. Closing date for log submission: 25 February 2008 and 1 December 2008.

SARL Hamnet 40 m Simulated Emergency Contest

1. Aim

This SSB Contest is open to all Radio Amateurs in South Africa, Namibia, Botswana, Zimbabwe, Swaziland, Mozambique, Lesotho, Marion Island and South African Antarctica. Only contacts with these areas will count.

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2. Date and Time

First Sunday of March from 12:00 to 14:00 UTC [14:00 to 16:00 CAT]. [2 March 2008]

3. Categories

- a. Single operator stationary mobile
- b. Single operator portable
- c. Multi-operator portable
- d. Single operator base station
- e. Short Wave Listener (SWL)

4. Antennas

Antennas are limited to antennas with less than unity gain relative to a dipole. Stationary Mobile stations shall use antennas that rely solely on their vehicles for support and shall not exceed a height of 5 metres above ground. Portable station antennas may not be erected and installed before the day of the contest and no permanent man-made structure may be used to either house equipment or for antenna supports.

5. Power

Stationary Mobile and Portable stations shall operate from the same site for the duration of the contest and all power used shall comply with the requirements for Field Stations in the general rules.

6. Exchange

Signal report followed by a three-figure number as follows:

Category a: Starting with 201 for the first contact

Category b: Starting with 401 for the first contact

Category c: Starting with 601 for the first contact

Category d: Starting with 801 for the first contact

Non-participants start with 001 for the first contact

7. Scoring

Scoring consists of points accumulated from all contacts, multiplied by a multiplier.

Contact with a station in:

Category a, b and c in own area 3 points

Category a, b and c in another area 4 points

Category d or non-participant in own area 1 point

Category d or non-participant in another area 2 points

Areas are as defined in the following list:

Area 1: ZS1

Area 2: ZS2

Area 3: ZS3

Area 4: ZS4

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Area 5: ZS5
Area 6: ZS6
Area 7 (eastern group): 3DA, 7P, C9, Z2, ZS8
Area 8 (western group): A2, V5, ZS7

The multiplier consists of the number of call areas worked, multiplied by a power multiplier. The power multiplier is 2 for an output power of over 50 W PEP, and 3 for an output power of less than 50 W PEP.

8. Awards

Certificates will be presented to the highest scoring station in each category, provided that there are at least three entries in that category.

9. Sponsor

Hamnet Eastern Cape, Al Akers, ZS2U, 53 Clarence Street, Westering, Port Elizabeth, 6025.

E-Mail: contest@zs2pe.co.za

10. Closing date for log submission: 17 March 2008

SARL HF Phone and CW Contests

1. Aim

The aim of the HF Contests is for participants to contact as many amateurs in Southern Africa (General Rules para 1.b.) as possible on the 20, 40 and 80 m amateur bands.

2. Dates

SSB: First Sunday in August [3 August 2008]
CW: Last Sunday in August [31 August 2008]

3. Times

SSB: From 13:00 to 16:30 UTC [15:00 to 18:30 CAT]
CW: From 14:00 to 16:00 UTC [16:00 to 18:00 CAT]

4. Frequencies

SSB: 14,125 to 14.350 MHz 7,043 to 7,100 MHz; 3,603 to 3,680 MHz
CW: 14,000 to 14,060 MHz; 7,000 to 7,035 MHz; 3,500 to 3,560 MHz

5. Categories

- a) Single Operator All Band - Low Power (maximum 100W)
- b) Single Operator Single Band - Low Power (maximum 100W)

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- c) Single Operator All Band – High Power (legal limit)
- d) Single Operator Single Band – High Power (legal limit)
- e) Multi Operator All Band - may use legal limit
- f) Multi Operator Single Band - may use legal limit
- g) Short Wave Listener (SWL)

Individual competitors and club stations are encouraged to compete.

6. Exchange

RS(T) and consecutive serial numbers starting at 001.

7. Scoring

SSB contacts count 1 point.

CW contacts count 2 points.

Count two points for each area (see below) on each band.

Count 2 points for each stations contacted on all three bands.

Area 1: ZS1

Area 2: ZS2

Area 3: ZS3

Area 4: ZS4

Area 5: ZS5

Area 6: ZS6

Area 7: 3B8, 3DA, 7P, 7Q, C9, Z2, 5R, FR, FH

Area 8: 9J, A2, D2, V5, ZD9, ZS7, ZS8

8. Awards

Certificates are awarded to the first three places and the highest single band score in each contest. There is also a trophy for the highest combined score in both contests. A trophy is awarded to the CW contestant in his or her first year of CW achieving the highest score. Candidates for this trophy shall state the date of the issue of the licence on the summary sheet.

9. Sponsor

Bloemfontein Radio Amateur Club, PO Box 12104, Brandhof, 9324

E-mail: hfcontests@netactive.co.za

10. Closing date for log submission: 18 August 2008 and 15 September 2008.

SARL 160 Metre QSO Party

10. Aim

The South African Radio League

This is a fun activity to promote contacts on 160 metres between radio amateurs in Southern African countries and to encourage radio amateurs to apply for the SARL Top Band Award.

11. Date and Time

16:00 UTC [18:00 CAT] on Wednesday 18 June 2008 to 04:00 UTC [06:00 CAT] on Monday 23 June 2008.

12. Frequency

Phone: 1842 - 1850 kHz

CW: 1810 - 1838 kHz

13. Exchange

The exchange is a RS(T) report and serial number.

Following the QSO, the station must change frequency for the next QSO. The frequency of each QSO must be shown on the log sheet.

14. Participation (Single-operator)

(a) Restricted - Stations in South Africa with ZR prefixes.

(b) Unlimited - Stations in South Africa with ZS prefixes

(c) DX - stations outside of South Africa.

15. Scoring

(a) and (b) 3 points per contact plus a bonus of five points for the first contact with each South African call area and the first contact with each Country worked outside South Africa.

(c) 3 points per contact plus a bonus of five points for the first contact with each South African call area worked.

16. Bonus Points

A holder of a SARL Top Band Certificate - add 20 points to the final score.

A copy of the SARL Top Band application form attached to the log submission - add 20 points to the final score

17. Log Sheets

Log sheets must be submitted within 15 days after the contest and can be sent by e-mail to hfcontests@netactive.co.za or by snail mail to The Contest Committee, PO Box 12104, Brandhof, 9324.

8. Closing date for log submission: 08 July 2008.

Antique Wireless Association Valve QSO Party

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1. Aim

The aim of the AWA Valve QSO party is to create activity on the 40 and 80 metre bands. It is a phone only contest. Preferably, valve radios, or radios with valves in them may be used. No Linear Amplifiers may be used.

2. Dates

The second weekend of May. The Saturday will be an AM QSO Party and the Sunday a SSB QSO Party

3. Time

From 14:00 – 16:00 UTC (16:00 - 18:00 CAT) on both dates

4. Frequencies

40 metres: 7,050 to 7,100 MHz and 80 metres: 3,603 to 3650 MHz

5. Power

The output power may not exceed 100 w, unless the rig itself has a higher output power. (FTDX400, etc)

6. Exchange

Call sign, RS and consecutive serial numbers starting at 001, plus type of radio used, eg HT37 Tx.

7. Scoring

All valve radio - 3 points per contact;
Hybrid (valve & solid state) - 2 points per contact;
Solid State Radio - 1 point per contact

8. Awards

Certificates will be awarded to the first three places in each category. (AM/SSB)

9. Sponsor

The Antique Wireless Association of Southern Africa (AWA), PO Box 12320, Benoryn, 1504. Email: andy.cairns@xsinet.co.za or fax: 086 620 3291

10. Closing date for log submissions: 26 May 2008

Autumn and Spring QRP Sprint

1. Aim

The South African Radio League

This is a fun activity to promote QRP contacts between radio amateurs in Southern African countries (General Rules para 1.b.)

2. Date and Time

Autumn – Sunday of the third full weekend of April 12:00 to 14:00 UTC [14:00 to 16:00 CAT]

Spring - The second Sunday of September 12:00 to 14:00 UTC [14:00 to 16:00 CAT]

3. Categories and Power

Portable or Fixed Station

CW or Phone or Mixed

Power – 5 watt, 1 watt or 100 milliwatt

4. Exchange

The exchange is RS(T) and year first licensed (e.g. 59 89).

5. Frequency

It is a phone and CW contest on the 40-metre band

6. Antennas

Only wire antennas may be used

7. Scoring

Each contact counts 2 points

Each prefix worked counts 2 points

Multiply the QSO score with the prefix score and multiply with the power multiplier = 5 watt x 1, 1 watt x 5 or 100 milliwatt x 10

(QSO score X prefix score) X power multiplier

8. Log Sheets

Log sheets shall be submitted within 15 days after the contest and can be sent by e-mail to hfcontests@netactive.co.za or by snail mail to The Contest Committee, PO Box 12104, Brandhof, 9324.

9. Awards

A certificate will be awarded to the 1st, 2nd and 3rd place in the competition.

10. Closing date for log submissions: 5 May 2008 and 29 September 2008

SARL 40 Metre Mobile Sprint

11. Aim

This is a fun activity to promote contacts between mobile stations on 40 metres between radio amateurs in Southern African countries. Mobile means the operator must be in a vehicle with a mobile antenna fitted, the vehicle may be stationary.

12. Date and Time

The second Sunday of August from 13:00 to 15:00 UTC [15:00 to 17:00 CAT] [10 August 2008]

13. Exchange

The exchange is call sign and signal report.

14. Frequency

It is a phone only contest on the 40-metre band

15. Power

Maximum output of 100 watt may be used.

16. Scoring

Contacts in the same call area = 1
Contacts in a different call area = 2
Contacts with a neighbouring country = 3

If contacts are mobile to mobile the points are multiplied by 5
If contacts are between mobile and fixed station the points are multiplied by 3
If fixed station to fixed station, points are multiplied by 1.

17. Log Sheets

Log sheets must be submitted within 15 days after the contest and can be sent by e-mail to zs1bak@mailbox.co.za or by snail mail to BARK, PO Box 2105, Dennesig, 7601.

8. Closing date for log submission: 25 August 2008.

Boland ARC 40 Metre Contest

1. Aim.

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This is a fun activity to promote contacts on 40 metres between radio amateurs in Southern African countries.

2. Date and Time.

The forth Sunday of July from 13:00 to 16:00 UTC [15:00 to 18:00 CAT] [27 July 2008]

3. Exchange

The exchange is call sign, RS and postal code.

4. Frequency

It is a phone only contest on the 40-metre band

5. Antennas and Power

Only wire antennas and a maximum output of 100 watt may be used.

6. Scoring

Contacts with Southern African stations are worth 1 point.

The Boland ARC club station, ZS1BAK, will be activated and a contact with this station counts 5 points, only one contact is allowed.

7. Log Sheets

Log sheets shall be submitted within 15 days after the contest and can be sent by e-mail to zs1bak@mailbox.co.za or by snail mail to BARK, PO Box 2105, Dennesig, 7601.

8. Awards

A certificate will be awarded to the 1st, 2nd and 3rd place in South Africa, as well as the highest score in each division. The BARC member with the highest score will also receive a certificate.

9. Closing date for log submission: 11 August 2008.

Durban ARC Mid-Winter Sprint

1. Aim.

This is a fun activity to promote contacts between radio amateurs in Southern African countries.

2. Date and Time.

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The first Wednesday of July from 17:00 to 18:00 UTC [19:00 to 20:00 CAT] [2 July 2008]

3. Exchange

The exchange is the RS(T) and age (ladies use 21).

4. Frequency

It is a phone and CW/PSK31 contest on the 80-metre band

5. Scoring

Contacts with stations in the same ZS call area or Southern African country is worth 2 point.

Contacts with stations in different ZS call areas or Southern African countries are worth 4 points.

6. Log Sheets

Log sheets shall be submitted within 15 days after the contest and can be sent by e-mail to zs5lp@sharksden.co.za or by snail mail to Durban Amateur Radio Club, 17 Brownlee Place, Bluff, Durban, 4052.

7. Closing date for log submission: 17 July 2008.

The Pears HF QSO Party

1. Aim

For DX operators and South African stations make as many contacts with other South African stations on HF as possible.

2. Contest Period

The first Sunday in December, the contest runs from 12:00 UTC to 16:00 UTC (7 December 2008)

3. Modes and Frequencies

The mode is SSB only. The following frequencies shall be used:
3.603 – 3.800 MHz and 7.043 – 7.100 MHz

4. Entrance Categories

There are four entrance categories:

Novice - Stations in South Africa with ZU prefixes.

Restricted - Stations in South Africa with ZR prefixes.

Unlimited - Stations in South Africa with ZS prefixes

The South African Radio League

DX – stations outside of South Africa.

5. Station Requirements

There are no limitations on the power of stations, or the number of operators, or the location of station equipment except that all operators shall operate within the limits of their licenses at all times.

6. Points

A contact between two ZU stations scores 5 points

A contact between two ZR stations scores 2 points.

A contact between a ZU station and a ZR/ZS station scores 3 points

A contact between a ZS station and a ZR/ZS station scores 1 point.

A contact between a ZU station and a DX station scores 5 points.

A contact between a ZR/ZS station and a DX station scores 1 point.

Only one contact with each station on each band counts. Points can be claimed for multiple contacts with the same station on different bands.

7. Exchange

Call signs, signal report and the operator's name

8. Awards

DX – An award will be made to the top entrant.

Novice, Restricted and Unlimited – An award will be made to the top 2 entrants in each category.

Awards will only be issued for 2nd place if 5 or more logs are received in the respective category.

9. Logs

Logs can be sent via snail-mail to: PEARS QSO Party, PO Box 5277, Walmer, 6070, Republic of South Africa or via email to contest@zs2pe.co.za. Closing date for submission of logs is 31 December. No late submissions will be considered. Results will be announced via the PEARS website and HF Happenings by the third weekend of January.

10. Closing date for log submission: 31 December 2008.

ZS3 / ZS4 40 Metre Sprint

1. Aim.

This is a fun activity to promote contacts between radio amateurs in the Northern Cape and Free State provinces and radio amateurs in Southern African countries.

2. Date and Time.

The South African Radio League

The first Sunday of May from 14:00 to 15:00 UTC [16:00 to 17:00 CAT] [4 May 2008]

3. Exchange

The exchange is RS(T) and province or country abbreviation.

4. Frequency

It is a phone and CW / PSK 31 contest on the 40-metre band

5. Scoring

For ZS3/ZS4

Contacts with stations in ZS3 and ZS4 are worth 1 point.

Contacts with stations in other ZS call areas or Southern African countries are worth 2 points.

Other

Contacts with stations in ZS3 and ZS4 are worth 2 points.

Contacts with stations in own or other ZS call areas (excluding ZS3 and ZS4) or Southern African countries are worth 1 point.

Contacts with the Bloemfontein RAC club station, ZS4BFN, the Sasolburg ARC club station, ZS4SRK, the Vrystaat ARC, ZS4B; the Kalahari Karoo ARC, ZS3ARK and ZS3FLY is worth 5 points each, only one contact per station is allowed.

6. Log Sheets

Log sheets shall be submitted within 15 days after the contest and can be sent by e-mail to riaang@vut.ac.za or by snail mail to Sasolburg ARC, PO Box 3493, Vanderbijlpark, 1900.

7. Awards

A certificate will be awarded to the 1st, 2nd and 3rd place in the competition.

8. Closing date for log submissions: 19 May 2008

VHF/UHF Contests

How to avoid QRM especially on 50 and 144 MHz

Many contestants have complained about strong analogue stations hogging a calling frequency and burying weaker stations underneath. The following remedies are suggested.

✓ Give a CQ contest call on 50,200 or 144,200 MHz and ask stations to listen for you on a frequency higher up the band. Other stations who heard your call will follow you. This is how it is done during HF DX contests.

The South African Radio League

- ✓ Club or field stations may select a spot frequency and call from there. It would not take stations long to discover who is operating and where.
- ✓ Stations must learn to tune and listen around the channel and not only to one frequency. Local stations should spread out to avoid QRM to each other. This will give everyone a fair chance to work distant stations.

SARL VHF and UHF Contests

1. Aim

To promote activity on the VHF and UHF bands. The Contest is open to all licensed Radio Amateurs in South Africa and neighbouring states.

2. Dates

The third full weekend of March and September each year. [15 and 16 March 2008 and 20 and 21 September 2008]

3. Times

10:00 UTC [12:00 CAT] on the Saturday to 10:00 UTC [12:00 CAT] on the Sunday.

4. Categories

Fixed Stations
Single-operator
Multi-operator

Portable/Field Stations
Single-operator
Multi-operator

Limited Category Station. This is a roving, portable or fixed station operating for a limited period during the contest, not to exceed four hours. Multiple entries in this category can be made by the same station but each entry shall be from a different grid square. Limited category operations should be advertised in advance if possible and should provide an equal opportunity to all stations wishing to work them. While no minimum operating period is laid down, between two and four hours would be expected. The operating period will begin when the first contest contact is logged.

Short Wave Listener (SWL)

5. Contacts

All modes are allowed - FM, SSB, CW and Digital modes.
Contacts via Tropo, MS and EME and when the band is open on 6 metres - TEP or F2 are allowed.

The South African Radio League

Use of the DX Cluster and other spotting networks (including internet facilities) is allowed in the contests.

Any band may be used for setting up contacts or talk back. No confirmation of QSO details shall take place on the talk back frequency. All exchanges for the contest band in use shall be made on that band. The talk back channel can be used for antenna alignment signals and confirmation that signals are audible, but not for giving reports and serial numbers.

6. Exchange

The contest exchange consists of the call signs, signal report and six-digit grid locator. A signal report is optional on digital modes such as JT44 and JT65. All the exchange information shall be copied at the time of the QSO.

No points will be forfeited if a non-competing station cannot provide a grid locator, or any other information that may be required. However, the receiving operator shall receive and record sufficient information to be able to calculate the score.

7. Frequencies

The following frequency bands may be used:

50 to 51,5 MHz

70 to 70,300 MHz

144 to 145,55 MHz

432 to 433,6 MHz

1296 to 1296,5 MHz

Higher frequencies as per band plan

Participants shall adhere to all sub-bands as specified in the IARU Region 1 and SARL band plans. In particular, the operators of 4 metre and 6 metre stations shall adhere to accepted practices if continental DX openings occur and ensure that recognised DX calling frequencies are not utilised for prolonged periods.

8. Band multipliers

The core for each band will be the number of points made on that band multiplied by the number of grid multipliers contacted on that band multiplied by the band multiplier. Each new multiplier shall be clearly marked in the log.

6 m x1

4 m x2

2 m x3

70 cm x 5

23 cm x 7

All higher frequencies x 7

9. Scoring

Scoring will normally be 1 point per kilometre.

The South African Radio League

Contacts with stations in the same small locator square, e.g. KG44ee to KG44ee, will score 1 point.

Maximum distance claimed will only be 1 500 km per contact regardless of the actual distance worked.

Stations running 50 watts or less into antenna multiply their final score for that specific band by 1.5

Field stations multiply the final score by 1.5

Multi-band participants will contain an overall results table in addition to the individual band results.

The scores in this final tabulation are the sum of the normalised scores on each band. The normalised scores will be calculated by: normalised score for each band = (Score achieved x No of grids worked x band multiplier); for (field stations x 1.5) and for (QRP x 1.5 for that band only).

Only one scoring contact may be made with a given station on each band per session, regardless of suffix (/P, /M, etc.) unless that station has moved to a different grid square.

Cross-band contacts and those made using repeaters or satellites will not count for points.

10. Awards and Results

A winner will be determined for each ZS division.

The overall winner will be the station from all divisions with the highest score.

Certificates will be awarded to the first, second and third placed station in each division, ZS 1 to 6.

11. Sponsor

The VHF Contest Manager, Piet Badenhorst, PO Box 4452, White River, 1240

Email zs6pjb@gmail.com

The PEARS National VHF/UHF Contest

1. Aim

The PEARS National VHF/UHF contest will take place on 25 - 27 January 2008, and is open to all licensed amateurs in the RSA and the neighbouring states. The aim of a VHF or UHF contest is to make many long distance contacts, establish new records, encourage the improvement of equipment and have fun. The new format has been streamlined and outdated rules eliminated to make it more exciting for contestants and stimulate activity. This is a 44 hour dual contest for digital and analogue modes. Amateurs are requested to participate in both the contests if possible and thus keep the bands alive.

The South African Radio League

Stations in the first three categories can compete in both the national and divisional sections.

2. Dates and Times

The first 22 hour session of the VHF/UHF contest starts at 18:00 CAT on Friday 25 January and closes at 16:00 CAT on Saturday 26 January. The second 22 hour session commences at 16:01 CAT on Saturday and ends at 14:00 CAT on Sunday 27 January.

3. Categories

Base Station
Field Station
Club Station
Limited Category

Base Station

A base station is the normal home or fixed station. One or more amateurs may operate it as long as they use their own call signs.

Field Station

A field station is a temporary station set up in a caravan, tent or motor vehicle and may erect any type of antenna system. One or more amateurs may operate it but they must use their own call signs.

Club Station

A club station forms the hub of activity during a contest and could work all five bands at the same time. A club may operate either from a clubhouse or a field station as desired but the club call sign must be used by all the multi-operators.

Limited Category

This category is limited to a 4 hour continuous period during each session, and may be scheduled during any part of a session operating from any fixed position or a stationary mobile.

4. Frequency Channels

50,200 – 50,250 MHz SSB
50,250 – 50,300 MHz Digital
50,400 – 50,450 MHz FM

70,050 – 70,100 MHz SSB
70,100 – 70,150 MHz Digital
70,150 – 70,250 MHz FM

144,200 – 144,250 MHz SSB
144,250 – 144,300 MHz Digital
144,400 – 144,450 MHz FM

432,200 – 432,250 MHz SSB

The South African Radio League

432,250 – 432,300 MHz Digital

432,450 – 432,500 MHz FM

1296,200 – 1296,250 MHz SSB

1296,250 – 1296,300 MHz Digital

1296,450 – 1296,500 MHz FM

5. Contestants

All ZU, ZR and ZS amateurs may participate as well as amateurs from the six neighbouring states i.e. Namibia, V5, Botswana, A2, Zimbabwe, Z2, Mozambique, C9, Lesotho, 7P and Swaziland, 3DA and only contacts with these states will count.

6. Reports and Scoring

A valid contact consists of an exchange of call signs, signal reports and location such as the six digit Maidenhead Locator or co-ordinates. Stations in all four categories claim one point per kilometre, but points may be claimed for only one contact for the same station on the same band during a session. The number of grid squares worked on a band multiplies the scores on that band.

7. Log Sheets

Separate log sheets are required for each band worked on digital or analogue. The top of each log sheet must indicate BAND, CATEGORY, NAME, CALL SIGN and POSTAL ADDRESS as well as the LOCATION of the station. Log sheets must reflect DATE, TIME, FREQUENCY, CALL SIGN of station worked, SIGNAL REPORTS given and received, transmission MODE and LOCATOR of station worked. All entries must be submitted to PEARS before the end of February 2008 and their decision will be final. The postal and e-mail addresses are given below. No late submissions will be accepted. Results will be posted on the PEARS website by 30 April 2008.

8. Awards

PEARS will present certificates to (1) the two stations who achieve the longest distance on digital or analogue modes, (2) the national winner and runner-up as well as (3) the divisional winner in each of the three categories and five bands, except the limited category, which has only an overall winner and runner-up per band.

9. Further Information

For further information, please contact the Port Elizabeth Amateur Radio Society, PO Box 10402, Linton Grange 6015 RSA, or e-mail contest@zs2pe.co.za or telephone Barry, ZS2EZ on cell 083 717 9210.

VHF / UHF Sprint

1. Aim

The South African Radio League

This is a fun activity to promote contacts on 2 metres and 70 centimetres between radio amateurs in Southern African countries.

2. Date and Time

14:00 – 15:00 UTC [16:00 to 17:00 CAT] on Sunday 24 February, 1 June and 2 November 2008

3. Frequency and Mode

All modes on the 2 metre and 70 cm bands as per IARU R1 and SARL VHF/UHF band plans

4. Exchange

The exchange is a RS(T) report Maidenhead locator.

5. Scoring

2 points per QSO

Multipliers: Each grid square

Score Calculation: Total score = total QSO points x total mults

6. Log Sheets

Log sheets must be submitted within 15 days after the contest and can be sent by e-mail to zs6pjb@gmail.com or by snail mail to The VHF Contest Manager, Piet Badenhorst, PO Box 4452, White River, 1240

8. Closing date for log submission: 10 March 2008, 16 June 2008 and 17 November 2008.

External Contests

IARU
RSGB
ARRL
CQ Magazine

IARU Region 1 HF Field Day

1. Aim

To establish two-way contacts between as many Field Day stations as possible in order to train operators in operating under primitive conditions.

2. Period

The South African Radio League

CW: First full weekend of June from Saturday 1500 UTC to Sunday 1500 UTC [17:00 to 17:00 CAT] [7 and 8 June 2008]

SSB: First full weekend of September from Saturday 1300 UTC to Sunday 1300 UTC [15:00 to 15:00 CAT] [6 and 7 September 2008]

3. Sections

Open Section:

Category A - Multi operator/Single Transmitter (MOST) Maximum licensed power.

Category B - Multi operator/Single Transmitter (MOST) Maximum 25 watts input power.

Category C - Multi operator/Multi Transmitter (MOMT) Maximum licensed power.

Antennas: No restrictions.

Restricted Section:

Categories A, B and C as Open Section.

Antennas:

Categories A and B: Only one antenna may be used.

Category C: Only one antenna per transmitter may be used.

All Categories: All antennas shall be a single element such as a dipole, a long wire or a trapped vertical, having not more than two elevated support points. No part of the antenna may be higher than 15 meters above ground level.

Notes (Applies to both sections):

(A) Categories A and B: One transmitter and one receiver (or one transceiver) plus an additional receiver may be used. The station shall remain on the band for at least ten minutes after initial operation on that band.

Category C: Number of transmitter and receivers unlimited, but ONLY ONE signal may be radiated on each band at any time. All transmitters and receivers shall be located within a diameter of 500 meters.

(B) Stand-by equipment is allowed, but it may not be connected to the power line at the same time as the main equipment.

(C) The use of support points for antennas from permanent buildings or structures is not permitted.

(D) Each portable station shall operate from the same site for the duration of the contest and may not be located in permanent buildings or use public mains supply.

(E) Power for all equipment may be derived only from a portable generator (driven by fuel-motor, wind or manpower on the site, or from solar cells, accumulators or batteries.)

(F) No equipment or antennas may be installed or erected on the site prior to 24 hours before the start of the contest. This does not apply to storage of equipment.

The South African Radio League

4. Frequencies

Contacts on 1.8, 3.5, 7, 14, 21 and 28 MHz bands are valid.

OBSERVE: Only the contest preferred segments where existing may be used. Each station may be worked once on each band. Cross-band operations are not allowed.

5. Contest Call and Exchanges

Call "CQ Field Day."

Exchange report (RS) plus serial number starting with 001. Multi transmitter stations (Category C) use separate series of serial numbers on each band.

6. Points

QSO with fixed station in same continent	2 points
QSO with fixed station in another continent	3 points
QSO with portable/mobile stn in same continent	4 points
QSO with portable/mobile stn in another continent	5 points

7. Multipliers

Each DXCC-country and WAE - country worked on each band gives one multiplier.

8. Final Score

The total sum of points scored on all bands is to be multiplied by the number of multipliers worked on all bands to give the final score.

9. Special Conditions (National Rules)

IARU Region 1 associations exchange the electronic log data. Field Day participants agree automatically to the log exchange upon log submission.

10. Log Instructions

Separate logs are required for each band together with a checklist showing the countries worked on each band. Log sheet to be headed; Date/time UTC, Stn worked, Band, RS and serial number sent, RS and serial number rcvd, New multiplier, Points. Enclose also a Summary Sheet showing claimed score.

11. Sponsor

The Contest Committee, PO Box 12104, Brandhof, 9324

E-mail: hfcontests@netactive.co.za

12. Closing date for log submission: 30 June 2008 (CW) and 30 September 2008 (Phone)

IARU HF World Championship Contest

Organized and administered by the ARRL on behalf of the IARU

1. Eligibility

All licensed amateurs worldwide.

2. Object

To contact as many other amateurs, especially IARU member society HQ stations, around the world as possible using the 160, 80, 40, 20, 15 and 10 metre bands.

3. Date and Contest Period

The second full weekend of July, beginning 12:00 UTC Saturday and ending 12:00 UTC Sunday (12 - 13 July 2008). Both Single and Multi operator stations may operate the entire 24-hour period.

4. Entry Categories:

Single Operator

Categories

Phone only - High, Low and QRP power levels

CW only - High, Low, and QRP Power levels

Mixed mode - High, Low and QRP Power levels

One person performs all operating and logging functions. Use of spotting nets or packet is not permitted. All operators must observe the amateur radio regulations of their country at all times. Single operator stations are allowed only one transmitted signal at any given time.

Multi Operator, Single Transmitter, Mixed Mode only

Must remain on a band and mode for at least 10 minutes before changing bands or modes. Only one transmitted signal is allowed at any given time. You are not allowed a second radio that works only multipliers. All operators must observe the amateur radio regulations of their country at all times. Violation of the band change rules will reclassify the entry as a check log.

IARU Member Society HQ Station

May have only one transmitted signal per band mode (160 CW, 160 Phone, 80 CW, 80 Phone, 40 CW, 40 Phone, 20 CW, 20 Phone, 15 CW, 15 Phone, 10 CW, 10 Phone) at the same time. All stations involved in an HQ operation must be in a single ITU zone. Only one HQ station call sign per member society per frequency band is permitted. All operators must observe the amateur radio regulations of their country at all times.

5. Contest Exchange:

IARU member society HQ stations send signal report and official IARU member society abbreviation. IARU International Secretariat club station NU1AW counts as a HQ sta-

The South African Radio League

tion. Members of the IARU Administrative Council and the three IARU regional Executive committees send "AC," "R1," "R2," and "R3" as appropriate.

All others send signal report and ITU zone.

A complete exchange must be logged for each valid QSO.

6. Valid Contact

The same station may be worked once per mode per band for QSO credit. Mixed-mode entries may work a station once per mode per band.

A station may only be worked for credit in the portion of the band that is generally accepted for the mode used.

On any band, a station may be worked once on Phone (in the Phone segment) and once on CW (in the CW segment).

Cross mode, cross band and repeater contacts are not valid QSOs.

Where contest-preferred segments are incorporated into regional band plans, participants must observe them.

The use of non-amateur radio means of communications (e.g. telephone or the Internet) for the purpose of soliciting a contact (or contacts) during the contest period is inconsistent with the spirit and intent of these rules.

Use of self-spotting techniques on packet or other mediums are inconsistent with the spirit and intent of these rules.

7. QSO Points

Contacts within your own ITU zone, as well as QSOs with any IARU-member society HQ station or IARU official (counting as the special multiplier), count one point each.

Contacts with a station in the same ITU zone but on a different continent count one point.

Contacts within your continent (but different ITU zone) count three points.

Contacts with a different continent and IARU zone count five points.

8. Multipliers

The total number of ITU zones plus IARU member society HQ stations worked on each band (not mode.) IARU officials represent a maximum of four multipliers per band (AC, R1, R2 and R3)

IARU member society HQ stations and officials do not count for zone multipliers.

To qualify as the special multiplier, Administrative Council and Regional Executive Committee stations must only be operated by the individual station licensee as single operator entry.

9. Scoring

The South African Radio League

The total number of QSO points times the total number of multipliers worked.

10. Reporting

Entries must be postmarked or emailed no later than 30 days after the end of the contest (August 14, 2007). No late entries can be accepted. Entries that are received after mid-October 2008, even if mailed in time, may not be received in time to be included in the official results.

Electronic entries must conform to the Cabrillo file format.

The Cabrillo file format and specifications may be found at www.kkn.net/~trey/cabrillo/ or in the November 1999 issue of QST magazine.

Any entry which has been generated using a computer (either during the contest or after the contest) must be submitted either as an attachment to an email or on a 3.5" diskette.

Electronic files must use the entrant's call sign as the file name.

The log file must be a chronological list of QSOs as made not separated by band or mode.

Entries sent as attachments to email must be sent to IARUHF@iaru.org

Email entries must include the call sign used during the contest on the SUBJECT line of the email.

Entries sent on diskette should be mailed to: IARU HF Championship, IARU International Secretariat, Box 310905, Newington, CT 06111-0905 USA.

Diskettes must be clearly labelled with the station call sign, contest name, entry class and date.

Participants may submit their entry using the web applet found at www.b4h.net/cabforms

Paper logs must be in chronological order, not separated by bands, and clearly indicate for each contact: band, mode, date, time (in UTC) call signs, complete exchanges sent and received, multipliers and QSO points.

Multipliers should be marked in the paper log only the first time they are worked on each band.

Paper logs with more than 500 QSOs must include dupe sheets (an alphanumeric list of all call signs worked, broken down by band and mode.)

All contacts in paper logs must be in chronological order, not separated by bands. Paper logs must be mailed to IARU International Secretariat, Box 310905, Newington, CT 06111-0905 USA and postmarked no later than August 14, 2007

All paper entries must include an official summary sheet or reasonable facsimile thereof with complete contest information.

11. Awards

A certificate will be awarded to the high scoring entry in each category in each ITU zone, each DXCC country and each ARRL Section.

A certificate will be awarded to the high scoring IARU member society HQ station.

Achievement level awards will be issued to those making at least 250 QSOs or having a multiplier total of 75 or more.

The South African Radio League

Additional awards may be made at the discretion of each country's IARU member society.

12. Conditions of Entry

Each entrant agrees to be bound by the provisions of this announcement, by the regulations of his/her licensing authority, and by the decisions of the ARRL Awards Committee, acting for the IARU International Secretariat.

13. Disqualification

Any entry may be disqualified if the overall score is reduced by more than 2%.

For paper log entries: Score reductions do not include correction of arithmetic errors;

Any entry may be disqualified if more than 2% of duplicate QSOs are left in the log and claimed for credit; and

A three-QSO reduction will be assessed for each duplicate QSO found during log checking or for miscopied call signs.

For electronic logs, a one-QSO penalty will be assessed for a miscopied call sign.

14. Additional Rules

For situations not covered in these rules, refer to the ARRL General Rules for All Contests and the ARRL Rules for Contests on Bands below 30 MHz.

15. Contest information

Contact contests@arrl.org or IARU HF Contest Information, PO Box 310905, Newton, CT 06111-0905 USA.

Contest forms may be downloaded at <http://www.iaru.org/contest.html>

71st RSGB Commonwealth Contest

1. Aim

The Commonwealth Contest promotes contacts between stations in the Commonwealth and Mandated Territories. A more relaxed contest environment gives the opportunity to work some choice DX.

There has been a small change to the Traveller Award, introduced in 2007, and the Team Competition, which captured the imagination of many operators around the world, has been retained, and becomes an integral part of the competition with amended rules.

- a. Date: 8 and 9 March 2008.
- b. Time: 10:00 – 10:00 UTC.
- c. Bands: 3.5, 7, 14, 21, 28 MHz. Activity is normally concentrated in the lower 30 kHz of each band.
- d. Mode: CW.

The South African Radio League

- e. Exchange: RST plus serial number. HQ stations will additionally send HQ, which must be logged.

2. Eligible entrants

Land-based stations operated by licensed radio amateurs within the Commonwealth or British Mandated Territories (as defined by the RSGB call-area list) are eligible to enter. UK entrants must be members of the RSGB. Sections (a) and (b) are for single-operator stations who may not receive any assistance whatsoever during the contest, including the use of spotting nets, packet cluster or other assistance in finding new contacts or bonuses. Additionally, with the specific exception of the HQ station GB5CC, UK stations may not use any special call sign.

3. Sections

(a) Open

24 hour operation - full legal limit on power - no antenna restrictions.

OR

12 hour operation - full legal limit on power - no antenna restrictions.

(b) Restricted

24 hour operation - output power limited to 100 watts - antenna restricted to single element.

OR

12 hour operation - output power limited to 100 watts - antenna restricted to single element.

For stations in the 12-hour categories, off periods must be clearly defined in the Soapbox field of the Cabrillo file and a minimum of 60 minutes in length. However, time before the first contact, and after the final contact, may be of any length. Stations opting to operate for a maximum of 12 hours will be annotated in the results listings.

The term "single element" defines each antenna (eg. dipole, vertical, long-wire, etc), and does not preclude the use of different single-element antennas during the contest. However, the concurrent use of one single-element antenna for transmitting and another (eg beverage) for receiving is not permitted.

(c) Multi-Operator

24 hour operation - single transmitted signal - full legal limit on power - no antenna restrictions - packet cluster use permitted.

4. Frequencies

Entrants should operate in the lower 30 kHz of each band.

5. Scoring

Contacts may be made with any station using a Commonwealth Call Area prefix, except those within the entrant's own call area. Note that for this contest, the entire UK counts as one call area, and therefore UK stations may not work each other. Each con-

The South African Radio League

tact scores 5 points with a bonus of 20 points for each of the first three contacts with each Commonwealth Call Area on each band. A list of Commonwealth Call Areas can be found at www.contesting.co.uk/hfcc/information/codes.shtml

6. Headquarters stations

A number of Commonwealth Society HQ stations will be active during the contest and will send HQ after their serial number, to identify themselves. Only one HQ station is permitted per Commonwealth Call Area. Each HQ station counts as an additional call area, and entrants may contact any HQ station (including one in their own call area) for points and bonuses, the annotation HQ being made in the log where appropriate. HQ stations will be listed in the Multi-Operator section of the results.

7. Team Competition

(a) Each team will consist of ten stations. In addition to Australia, Canada, Great Britain, New Zealand and Rest of the World teams, any Commonwealth country or geographical region may enter one or more teams. An individual station may only represent one team, and may compete in the Open or Restricted section. Each station's log must be submitted in the normal way.

(b) Each team will have a captain who must submit a list of the team members to commonwealth.contest@rsqbfcc.org no later than seven days before the start of the contest. Substitutions may be accepted up to 24 hours before the start of the contest.

(c) Stations in the Rest of the World team may only be drawn from countries not submitting their own team.

8. Team Scoring

(a) The team score is the sum of individual adjudicated scores, with all stations located in the southern hemisphere or on the equator having their final score multiplied by a "latitude factor."

(b) The "latitude factor" will be re-calculated each year based on published scores: for each hemisphere, the highest-scoring team total for each of the last three years will be used to give an overall total and the factor will be calculated as the ratio of the northern to the southern grand totals rounded down to the nearest two decimal places. Transitional arrangements will apply in determining the factor for 2008 and 2009. Full details can be supplied on request.

(c) Each team member is competing as a single-operator within the overall contest, and no passing of information between team members during the event is permitted, except that team members may work each other for points and/or bonuses where the contest rules allow.

9. Logs

The South African Radio League

Each entry must indicate the section entered. The preferred format for computer logs is Cabrillo. Paper logs must be submitted in chronological QSO order and show time; band; call sign worked; RST and serial sent; received exchange; points.

For full details, see the general rules at www.rsgbhfcc.org.

E-mail logs should be sent to commonwealth.contest@rsgbhfcc.org

An example of a Commonwealth Contest log in Cabrillo format can be found at www.contesting.co.uk/hfcc/formats/BERU.txt

Further information regarding the Cabrillo format can be found at www.contesting.co.uk/hfcc/information/cabrillo.shtml

10. Closing date for logs

Logs must be received no later than one calendar month after the end of the contest. [10 April 2008]

11. Awards:

- a. Open: The Senior Rose Bowl to the overall leader. The Col Thomas Rose Bowl to the highest-placed UK station.
- b. Restricted: The Junior Rose Bowl to the section leader. The John Dunnington Trophy to the highest-placed UK station who has not won the trophy in the preceding two years.
- c. The Ross Carey Rose Bowl to the highest-placed UK station in the 12-hour category, regardless of section. The VP8GQ Trophy to the highest-placed non-UK station (who has not won the trophy in the preceding two years) in the 12-hour category, regardless of section.
- d. A Commonwealth Medal will be awarded to the entrant who in the opinion of the HF Contests Committee has most improved their score or contributed to the contest over the years.
- e. A special certificate will be available to every entrant who makes verified contact with 71 Band-Call Areas, or more, in the 2008 contest. For example, VP9 worked on three different bands counts as three Band-Call Areas. Qualifying entrants should include their claimed Band-Call Area total with their log, together with a request for the certificate.
- f. A special "Commonwealth Traveller" certificate will be awarded to the highest-scoring entrant in the Open or Restricted sections who operates from a Commonwealth Call Area not represented in the published results of the previous year's contest. At the discretion of the HF Contests Committee, additional "Commonwealth Traveller" certificates may be awarded to entrants from especially inaccessible Call Areas.

12. Notes:

Single-operator entrants are recommended to try SDC by EI5DI. It is dedicated to the Commonwealth Contest, runs on any Windows PC and is free. It may be downloaded from www.ei5di.com/sd/sdcsetup.exe

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A vast amount of background information, statistics and photographs related to the Commonwealth Contest may be found on the G3PJT website at www.beru.org.uk.

RSGB 21 / 28 MHz Contest

1. Date

Sunday 5 October 2008

2. Time

07:00 - 19:00 UTC

3. Modes

CW, SSB

4. Frequencies

CW: 21,000 - 21,075, 21,125 - 21,150 and 28,000 - 28,150

SSB: 21,150 - 21,350 and 28,450 - 29,000

Entrants are requested not to operate in the sub-band 21,075 - 21,125 MHz.

5. Exchange

RST and serial number. UK stations will also send their two-letter district code.

6. Sections

Entries may be CW only, SSB only or mixed. Cross mode QSOs are NOT allowed

(a) UK stations

(b) Non-UK stations

Additionally, stations may enter in one of the following categories -

(1) Open - no restriction on power or antenna

(2) Restricted - a maximum of 100 watts output and only one antenna per band, which must be a single element with a maximum height of 15m

(3) QRP - a maximum of 10 watts output, no antenna restriction

Multi-Operator entries are accepted. Stations using packet or other spotting facilities must enter as multi-operator stations.

The results will be published in the form of a single list for each section, with mode and category annotated for each entrant.

7. Scoring

The same station may be contacted on both bands and both modes for points and multipliers.

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UK stations - 3 points per contact with overseas stations. Multipliers as per General Rules, except that the UK call areas do not count for multiplier or QSO point credit. Overseas stations - 3 points per contact with UK stations. Multipliers for the first contact with each UK District per band and mode (ie maximum of four multipliers for each district). Overseas stations may only work UK stations.

A list of UK Districts is available at

www.contesting.co.uk/hfcc/information/districtcodes.shtml

8. Closing date for logs

To be e-mailed or postmarked by Monday 20 October 2008. E-mail entries should be sent to 2128.logs@rsqbfcc.org

9. Awards:

Certificates of merit to the overall highest scoring station in each section (UK, Overseas) on each mode CW, SSB, Mixed). Additionally, a certificate to the highest-scoring station in each of the Open, Restricted, QRP and Multi-Operator categories in each section and on each mode, subject to there being a minimum of three competitors for any certificate. A maximum of one award per entrant.

The T.E. Wilson, G6VQ Trophy to overall leading UK single operator using CW only. The Whitworth Trophy to the leading UK single operator using SSB only. The Powditch Trophy to the UK single operator achieving the highest score on 28 MHz regardless of mode.

HF Islands on the Air (IOTA) Contest

The date and time for the 2008 event are definite but there may be some rule changes so the rules displayed below are provisional.

(The General Rules for RSGB HF Contests do not apply to this event.)

1. General

The aim of the contest is to promote contacts between stations in qualifying IOTA island groups and the rest of the world and to encourage expeditions to IOTA islands.

2. When

12:00 UTC Saturday 26 July to 12:00 UTC Sunday 27 July 2008 (The contest always takes place over the last FULL weekend of July).

3. Bands And Modes

3.5, 7, 14, 21 and 28 MHz, CW and SSB. IARU band plans should be observed; with CW contacts being made only in the recognised CW ends of the bands (see RSGB Yearbook and similar sources, for recognised IARU band plans). Contest-preferred segments

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should be observed, no operation to take place on 3560 - 3600, 3650 - 3700, 14060 - 14125 and 14300 - 14350 kHz.

4. Categories

All entrants must operate within the limits of their chosen category when performing any activity that could impact their submitted score. Transmitters and receivers must be located within a 500 m diameter circle or within the property limits of the station licensee's address, whichever is the greater.

Location

- Island - Any station operating from a qualifying island, as listed in the IOTA Directory. Island stations must ensure beforehand that the island from which they are operating is a valid qualifying island for IOTA. Any questions about the IOTA programme and island validity should be addressed to the IOTA Manager G3KMA (g3kma@dsl.pipex.com).
- World - any station not on a qualifying island.

Operators

- Single operator
- Single-operator Assisted (passive use (self-spotting not allowed) of DX spotting nets and DX Cluster is allowed).
- Multi-Operator - 24-hour Mixed Mode only. Multi-ops are restricted to a maximum of two transceivers, the second station to be used to find and call other stations only if the station is a new multiplier. It must not be used to solicit other contacts, e.g. by calling "CQ" or "QRZ". Any non-multiplier QSOs made accidentally on the second station should be logged, but will be scored as zero points. Multi-ops may make passive use (self-spotting not allowed) of DX spotting nets and DX Cluster. Multi-operator entrants should include a full list of operators with their entry.

Mode

- CW
- SSB
- Mixed-mode (multi-operator entries must be Mixed Mode).

Operating Time

- 24 hours
- 12 hours - Multi-operator entries must be 24 hours, in the 12-hour categories, operation need not be for one continuous 12-hour period but, once operation has commenced, off periods must be a minimum of 60 minutes.

Power (Any station not indicating transmitter power will be classified as High Power)

- High-power (maximum, as permitted by the station licence but, in any case, no more than 1500 watts output)
- Low power (maximum 100 watts output),
- QRP (maximum 5 watts output).

5. DXpeditions

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Island stations may, additionally, indicate that they are a DXpedition station as defined below, and compete for a range of expedition trophies and certificates (an additional listing will be shown in the results). It is essential that you make this clear on your cover sheet as notification after the entry deadline cannot be accepted.

The definition of DXpedition for this optional listing is one:

- where the island can only be reached by boat or air (islands which can be accessed by bridge or causeway - man-made or natural - are not eligible),
- where none of the operators is resident on the island,
- where the operators take all radio equipment and antennas with them and do not rely on a resident for any part of the station,
- where, in the case of 100 W IOTA Island DXpedition stations, the antennas are limited to one element per band (e.g. dipole, vertical). (High power DXpeditions have no antenna restrictions).

6. Exchange

Send RS(T) and serial number starting from 001, plus IOTA reference number if applicable (island stations MUST include the IOTA reference as part of their exchange). Do not use separate numbering systems for CW and SSB. Stations may be contacted on both CW and SSB on each band. Multi-operator entrants may find it convenient to allocate separate blocks of serial numbers for the run and multiplier stations, but do ensure if possible that there is no duplication of serial numbers.

7. Scoring

QSO Points – All entrants can work anyone, island or non-island. Contacts with non-island stations count 3 points. Contacts with IOTA islands count 15 points except that, if you are on an island, contacts with your own IOTA reference count 3 points.

Multiplier - The multiplier is the total of different IOTA references contacted on each band on CW, plus the total of different IOTA references contacted on each band on SSB. Multi-op stations may not work members of their own group for multiplier credit.

Total Score - The score is the total of QSO points on all bands added together, multiplied by the total of multipliers.

8. Logs

Electronic submission of logs by disc or e-mail is encouraged - and in fact required - for all high scoring entrants and all who use a computer to log or prepare the logs. Electronic entries are preferred, preferably in Cabrillo format (a definition of Cabrillo, as applied to the IOTA contest, can be found on the RSGB HFCC Web page). For other electronic log formats, send the log file but do NOT send a summary file. The contest robot will direct you to a Web page where you will be asked to enter this information. Always ensure that your logging software produces a log file, which correctly contains all the QSO data. If you prepare your log electronically by any means (e.g. Excel, Word) then please send the electronic version, as it reduces the need for retyping data. Many popular contest-logging programs support the IOTA contest. Single-operator entrants

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are recommended to try SDI from EI5DI, which is free and can be downloaded from www.ei5di.com/sd/sdisetup.exe

For Cabrillo logs, the categories and category overlays are:

CATEGORY: [SINGLE-OP, MULTI-OP] ALL [HIGH, LOW, QRP] [SSB, CW, MIXED]

CATEGORY-ASSISTED: [ASSISTED, UNASSISTED]

CATEGORY-DXPEDITION: [EXPEDITION, NON-DXPEDITION]

CATEGORY-TIME: [12-HOURS, 24-HOURS]

So, a single-op, World, low power, 12-hours, CW, unassisted would show:

CATEGORY: SINGLE-OP ALL LOW CW

CATEGORY-ASSISTED: UNASSISTED

CATEGORY-TIME: 12-HOURS

A multi-op island station may, for example, indicate:

CATEGORY: MULTI-OP ALL HIGH MIXED

CATEGORY-DXPEDITION: EXPEDITION

Logs must show: Time, Call sign, Band, Mode, RST / serial number / IOTA reference sent, RST / serial number / IOTA reference received. Please ensure you send a single log in order of sent serial number. *Do not* send separate logs for each band. Logs from IOTA stations must state their island name and IOTA reference number. The log data in a Cabrillo log should be of the format:

QSO: 28024 CW 2003-07-26 1338 G3XTT 599 001 EU-005 ZS6EZ 599 018 -----

QSO: 21003 CW 2003-07-26 1341 G3XTT 599 002 EU-005 G4TSH 599 130 EU-005

QSO: 21002 CW 2003-07-26 1343 G3XTT 599 003 EU-005 5B4/G3UFY 599 036 AS-004

Entries can be emailed to iota.logs@rsqbfcc.org and should be sent as a normal attachment to the e-mail. Send as an uncompressed file. Do NOT send more than one attachment. In the "subject" line of your e-mail message, please include your contest call sign. Please take a moment to check your log via a text editor before sending it, to avoid potential problems. You will receive an acknowledgement by e-mail within 24 hours, directing you to a Web page to complete the submission process, or advising you if there is any problem with your log. Further help on log submission is available by going to the HFCC Web page (www.rsqbfcc.org).

Postal (paper and disc) entries should be addressed to RSGB IOTA Contest, PO Box 9, Potters Bar, Herts EN6 3RH, England.

8.6 The closing date is for mailing of logs is 1 September 2008.

8.7 Island Stations - By submitting a log for this contest, you agree that the RSGB can automatically grant credit to IOTA participants' scores for claimed QSOs that reasonably match the data in your submission (this facility is being included in the Next Generation IOTA Software, currently under development).

8.8 Photographs of IOTA contest operations are very welcome and will be posted on the HFCC Website or used in RadCom. Do not send these as part of your log submission, but mail them separately to iotacontest@rsqbfcc.org. There will also be an opportunity to upload photographs when you complete your log submission.

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8.9 Once the contest results have been published, UBN reports are available on request from iotacontest@rsqbfcc.org

9. Penalties

Points may be deducted, or entrants disqualified, for violation of the rules or the spirit of the contest. This includes, for example, refusal by IOTA island stations to make contacts with their own country when requested, use of a third party to make contacts on a list or net, working CW multipliers on an SSB frequency or not giving the IOTA reference for every contact. The decision of the IOTA Contest Manager and RSGB HF Contests Committee is final in all matters of dispute.

10. Awards

Certificates will be awarded to leading stations in each category and section, and in each continent, according to number of entries. A large number of Awards and Trophies are now available, and new sponsors are always welcome. Please see the full list on the RSGB HFCC Web site.

11. SWL Contest

There is no longer an SWL section in the IOTA Contest, but the Mediterraneo DX Club will be running an IOTA SWL Contest in parallel with the IOTA Contest. SWLs can find full details on the MDXC Web page www.mdxc.org/swl

12. Note From RSGB Iota Contest Manager

The IOTA Contest Manager can be reached via the RSGB, or by e-mail at iotacontest@rsqbfcc.org. IOTA Contest information, including rules, trophies available, previous results, soapbox and photographs, and logs received can be found on the RSGB HF Contests Committee Web site at www.rsqbfcc.org. Copies of the IOTA Directory, if required, can be purchased from RSGB (see www.rsqb.org). A full list of IOTA islands and other information relating to the IOTA program can be found on the RSGB IOTA Web Page www.rsqbiota.org.

ARRL International CW and Phone

1. Object

W/VE amateurs work as many amateur stations in as many DXCC countries of the world as possible on 160, 80, 40, 20, 15 and 10 meter bands.

Foreign amateurs (also including KH6, KL7, CY9 and CYØ) work as many W/VE stations in as many of the 48 contiguous states and provinces as possible.

2. Date and Contest Period:

CW: Third full weekend in February (17 - 18 February 2007).

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Phone: First full weekend in March (3 – 4 March 2007).

Contest Period: 48 hours each mode (separate contests). Starts 00:00 UTC Saturday; ends 24:00 UTC Sunday.

3. Entry Categories

Single Operator

All Band

QRP

Low Power

High Power

Single Band - A participant may submit only one single band entry. If contacts are made on other bands, the log file must clearly be marked as Single Band in the header of the Cabrillo file. The same call sign may not be used by a different operator(s) to generate additional single band entries.

Single Operator Assisted

Multioperator:

Single Transmitter

Two Transmitters

Multi-transmitter

4. Contest Exchange

W/VE stations in the 48 contiguous United States and Canada (except in the islands of St Paul and Sable) send signal report and state or province.

DX stations send signal report and power (number indicating approximate transmitter output power).

5. Scoring

QSO Points - W/VE stations count three points per DX QSO. DX stations count three points per W/VE QSO.

Multiplier

W/VE stations: Sum of DXCC entities (except US and Canada) worked per band.

DX stations: Sum of US states (except KH6/KL7), District of Columbia (DC), and Canadian provinces/territories: NB (VE1, 9), NS (VE1), QC (VE2), ON (VE3), MB (VE4), SK (VE5), AB (VE6), BC (VE7), NWT (VE8), NF (VO1), LB (VO2), NU (VYØ), YT (VY1), PEI (VY2) worked per band (maximum of 63 per band).

Final Score: QSO points X multipliers = final score.

6. Miscellaneous

Your call sign must indicate your DXCC station location (KH6XYZ/W1 in Maine, KG4/W1INF at Guantanamo Bay, etc).

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The same station may be worked only once per band: no cross-mode or repeater contacts.

Aeronautical and maritime mobile stations outside the US and Canada may be worked by W/VE stations for QSO credit only.

DXpedition scores may be included in the Medium and Unlimited club totals only.

Participants are reminded they should be aware of the ARRL Band Plans

www.arrl.org/FandES/field/regulations/bandplan.html.

7. Submission

Entries for the CW competition must be emailed or postmarked by 19 March 2008.

Electronic entries for the CW competition must be emailed to DXCW@arrl.org

Entries for the Phone competition must be emailed or postmarked by 2 April 2007.

Electronic entries for the Phone competition must be emailed to DXPhone@arrl.org

Submissions that are created electronically must be in the Cabrillo file format and must include the log file.

Paper copies of electronic logs are not an acceptable substitute for the electronic Cabrillo format file. Paper logs that are entered into an electronic medium after the contest are considered electronic logs.

Hand-written paper entries or diskettes should be marked on the envelope as either DX Phone or DX CW entries and mailed to ARRL, 225 Main St, Newington, CT 06111.

Entries for the CW and Phone portions of the competition are considered separate contests and must be submitted in separate emails or envelopes to the appropriate contest address.

Submissions may be made using the web applet at www.b4h.net/cabforms

Forms for all ARRL contests may be downloaded from the Contest Home Page at www.arrl.org/contests. Contest forms and rules may be requested from the ARRL by sending an SASE with two units of postage.

8. Awards

Plaques (if sponsored) will be awarded in the following categories for both the CW and Phone contests.

- Top W/VE scorer in each entry category; single operator-all band-QRP, single operator-all band-low power, single operator-all band-high power, single operator-single band (160 - 10 Metres), single operator assisted, multi-operator-single transmitter, multi-operator-two transmitter, multi-operator-multi-transmitter.
- Top scorer in the single operator-all band category worldwide and on each continent. In addition, worldwide leaders in the single operator-all band-QRP, single operator-all band-low power, single operator-single band, single-operator assisted, multi-operator-single transmitter, multi-operator-two transmitter and multi-operator multi-transmitter categories will receive plaques.
- Additional special plaques will be awarded as sponsored.

Certificates will be awarded to:

- Top single operator-all band entries (QRP, low power and high power) from each DXCC entity and ARRL/RAC Section.

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- Top single-band entries in each ARRL/RAC section and each DXCC entity.
- Top single operator assisted entries in each ARRL/RAC section and each DXCC entity.
- Top multi-operator entries (single, two and multi-transmitter) in each DXCC entity, US call area and in Canada.
- DX entrants making more than 500 QSOs on either mode will receive certificates.
- Additional certificates will be awarded as appropriate.

9. Other

See "General Rules for All ARRL Contests" and "General Rules for ARRL Contests on bands below 30 MHz (HF)" on the ARRL Web at <http://www.arrl.org/contests/forms/>
For information, contact contests@arrl.org or by phone (860) 594-0232.

ARRL 10-Meter Contest

1. Object

For Amateurs worldwide to exchange QSO information with as many stations as possible on the 10-meter band.

2. Date and Contest Period

Second full weekend of December. Starts 00:00 UTC Saturday; ends 23:59 UTC Sunday (December 8 - 9, 2007). All stations operate no more than 36 hours out of the 48-hour period. Listening time counts as operating time.

3. Entry Categories:

Single Operator: (nine categories)

QRP

Mixed Mode (Phone and CW).

Phone only.

CW only.

Low Power.

Mixed Mode (Phone and CW).

Phone only.

CW only.

High Power.

Mixed Mode (Phone and CW).

Phone only.

CW only.

Multi-operator, Single Transmitter, mixed mode (only). Includes single operators using packet or spotting assistance.

4. Contest Exchange

W/VE stations (including Hawaii and Alaska) send signal report and state or province (District of Columbia stations send signal report and DC).

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Novice and Technician Plus stations sign /N or /T on CW. If used, you must indicate /N or /T on your summary sheet.

DX stations (including KH2, KP4, etc) transmit signal report and sequential serial number starting with 001.

Maritime mobile stations send signal report and I TU Region (R1, R2 or R3).

5. Scoring:

QSO points:

Two points for each complete two-way phone QSO.

Four points for each two-way CW QSO.

Eight points for CW QSOs with US Novice or Technician Plus stations signing /N or /T (28.0 to 28.3 MHz only).

Multipliers: (per mode, phone and CW).

Each US state and the District of Columbia

Canada [NB (VE1, 9), NS (VE1), QC (VE2), ON (VE3), MB (VE4), SK (VE5), AB (VE6), BC (VE7), NWT (VE8), NF, (VO1), LB (VO2)], YT (VY1), PEI (VY2) NU (VYØ).

DXCC countries (except US and Canada). KH6 and KL7 participate and count as US states and send HI or AK as that part of their exchange.

I TU regions (maritime mobiles only).

Final Score: Multiply QSO points by total multipliers (the sum of states/VE provinces/DXCC countries/I TU regions per mode). Example: KA1RWY works 2245 stations including 1305 phone QSOs, 930 non-Novice CW QSOs, 10 Novice CW QSOs, for a total of 6410 QSO points. She works 49 states, 10 Canadian call areas, 23 DXCC entities and a maritime mobile station in Region 2 on Phone and 30 states, 8 Canadian call areas, and 19 DXCC countries on CW for a total multiplier of 140. Final score = 6410 (QSO points) X 140 (multiplier) = 897,400 points.

6. Miscellaneous:

Single operator mixed-mode and multi-operator stations may work stations once on CW and once on SSB.

Your call sign must indicate your DXCC country if competing as DX. (N6TR in Oregon does not send N6TR/7, but K1NO in Puerto Rico must send K1NO/KP4).

All entrants may transmit only one signal on the air at any given time.

All CW contacts must take place below 28.3 MHz.

7. Awards: Certificates will be awarded to:

The highest-scoring single-operator station (in each category) from each ARRL/RAC Section and DXCC country.

The top scoring Novice/Technician Plus station (in each category) in each ARRL Section.

Top multi-operator entries in each ARRL Division, Canada and each continent.

Additional certificates will be awarded as participation warrants.

8. Miscellaneous:

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All electronic logs (computer generated) must submit an ASCII text file of the log information in Cabrillo file format. Paper printouts of the electronic file are not acceptable substitutes. Hand-written paper logs are acceptable submissions.

All entries must be emailed or postmarked by 7 January 2009.

Email entries only to 10meter@arrl.org. Submissions require Cabrillo log file with all required information (including exchange sent, category entered, power and ARRL/RAC section - see General Rules for specific file format).

Electronic files not in Cabrillo file format may be designated as check logs.

Paper entries should be mailed to 10-Meter Contest, ARRL, 225 Main St, Newington, CT 06111. Paper entries must be submitted on current ARRL entry forms or an acceptable facsimile. Forms are available for downloading at the Contest Branch Homepage at www.arrl.org/contests/forms/. Forms are available for an SASE sent to the Contest Branch.

Logs may be submitted via the web applet at www.b4h.net/cabforms

See "General Rules for All ARRL Contests" and "General Rules for ARRL Contests on bands below 30 MHz (HF)" on the ARRL Web.

General queries should be directed to the Contest Branch at contests@arrl.org or by calling (860) 594-0232.

The 2008 CQ DX Marathon

The third running of the CQ DX Marathon begins at 00:00 UTC on 1 January 2008 and runs through 23:59 UTC on 31 December 2008. The goal, as always, is to work as many countries and CQ zones as possible at least once during the calendar year.

There are very few changes from the 2007 rules, mainly some clarifications based on participants' questions. Once again, we will use a downloadable Microsoft Excel® template, which may be filled in and e-mailed to a special address as your log entry. Here are the 2008 rules for the CQ DX Marathon:

1. Activity period

The CQ DX Marathon is a yearlong activity, beginning at 00:00 UTC 1 January and ending at 23:59 UTC 31 December. Each year's event is separate.

2. Frequencies

Any authorized amateur frequency may be used. Contacts through repeaters or satellites are not allowed for credit, nor are contacts with maritime or aeronautical mobile stations. All contacts must be made entirely over amateur radio frequencies, i.e., Echo-link-type contacts do not count.

3. Categories

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All awards are for single operator only. There are two entry classes, "Formula" and "Unlimited."

(a) Formula: An entrant may choose one of two options in this class: (1) All contacts must be made with a maximum output power of 10 watts, regardless of band or mode; or (2) the operator may run a maximum of 100 watts output to a simple antenna, such as a vertical or dipole (see the appendix below for further rules on antennas used in either option for Formula class). An operator in Formula Class must select either QRP or 100 watts and limited antennas at the beginning of the year's DX Marathon, and may not switch between entry modes during the year. All contacts must be made without assistance of any sort, including but not limited to lists, passes or use of higher power or prohibited antennas to initially secure the contact. Use of spotting nets such as a DX Cluster® is allowed.

(b) Unlimited: Any antenna may be used, along with any power level for which the operator is licensed. As in the Formula class, all contacts must be made without assistance of any sort, including but not limited to lists and passes. Use of spotting nets such as a DX Cluster® is allowed.

4. Scoring

Each country worked is worth one point. Each CQ zone worked is worth one point. The total score is the sum of zones and countries worked, on any mode and any authorized band. There are no multipliers of any kind. Each country and zone count only once. A single QSO may count for both a country and a zone. If in the course of the year you work 238 countries and 37 zones, your score is 275. If you work all 40 zones and 150 countries, your score is 190. The CQ DX Countries List and the CQ Zone List constitute the official lists. In the case of ties, the operator whose last scoring contact was earlier chronologically will be judged the winner. Decisions of the Marathon Manager are final.

5. Submissions

Submissions must be made electronically, via e-mail to scores@dxmarathon.com. A Microsoft Excel® template into which contacts may be entered is available for download from the CQ DX Marathon website at <http://www.dxmarathon.com>. All scores must be received by 31 January following the close of each DX Marathon.

6. Verification

QSLs are not required. The operator is expected to claim contacts only from stations the operator has every reason to believe are legitimate, and only to claim contacts in which an accurate two-way exchange was clearly accomplished (see Appendix for further explanation). Scores will be adjusted by the DX Marathon committee for claimed contacts with pirates or any station not considered legitimate. Submissions may be penalised or voided in cases of fraud or poor sportsmanship.

7. Clubs

The South African Radio League

Clubs are strongly encouraged to use the framework of this activity for intramural and regional competitions.

8. Claimed Scores

Competitors will be encouraged to post claimed scores to the DX Marathon Web page. These claims will be updated regularly, and may be published periodically in CQ magazine.

9. Results

The final listing of scores will be posted each year on the CQ web site as well as the DX Marathon web site. In addition, CQ magazine will publish an annual summary of the winning scores and details.

10. Awards:

(a) Certificates

Certificates will be issued to the winners from each CQ zone and each CQ country. Where there is sufficient activity, additional certificates will be issued for other high scorers or for scorers using a single mode. Other awards may be offered at the discretion of the DX Marathon Committee.

(b) Plaques

The CQ DX Marathon Committee will award plaques to the top scorer in each class. Sponsors are solicited.

(c) Special recognition

The CQ DX Marathon Committee is also examining the possibility of special prizes for DX stations that appear in the greatest number of submitted logs.

11. Rulings:

In all cases, the rulings of the CQ DX Marathon Committee and the CQ DX Marathon Manager are final.

Appendix

(a) Formula Class antennas, option 1: Operators selecting the 10-watt option are limited to antennas on a single tower and whose height does not exceed 65 feet above ground elevation within 330 feet or 100 meters of the tower base. Wire antennas may also be used but must meet the criteria of the 100-watt option, and may be tower-supported at only one point.

(b) Formula Class antennas, option 2: Antennas for operators choosing the 100-watt option must be either simple verticals or wire antennas lacking significant gain. No arrays are allowed, whether vertical or horizontal, nor are long wires exceeding 130 feet in length, except on 80 and 160 meters. Vertical antennas used must not be more than 33 feet higher than the station floor at their base, while dipoles or other wire antennas must not be more than 60 feet above ground. Yagis, quads or tower-mounted antennas (except wire antennas meeting the height limits above) may not be used in this category.

(c) Contacts: The DX Marathon Committee believes that each contact for a claimed country or zone must be a solid contact. The station claiming a contact with another station is expected to have had his or her call sign fully and accurately received and transmitted by the other station, and to have copied his/her own call being correctly sent by the other station. For example, K2MGA may not claim credit for a QSO with a DX station who had his call as K3MGA, even though in many cases the DX station would QSL the contact with the correction made (after receiving a card from K2MGA, realizing the error and correcting his/her log). For a contact to count, both stations must correctly copy all of both call signs.

CQ Worldwide RTTY WPX Contest

9 - 10 February 2008. Starts: 00:00 UTC Saturday; Ends: 24:00 UTC Sunday. Logs are due no later than 7 March 2008

1. Period of Operation

Single Operator stations may operate only 30 hours of the 48-hour contest period. Off time periods must be a minimum of 60 minutes in length and must be clearly marked on the Summary Sheet. Multi-Operator stations may operate the entire 48-hour contest period.

2. Objective

The object of the contest is for amateurs around the world using RTTY to contact as many amateurs in other parts of the world as possible during the contest period.

3. Bands

The 3.5, 7, 14, 21 and 28 MHz bands may be used. No 1.8 MHz or WARC bands. Observance of established band plans is strongly encouraged.

4. Terms of Competition (for all categories)

All entrants must operate within the limits of their chosen category when performing any activity that could impact their submitted score. Transmitters and receivers must be located within a 500-meter diameter circle or within the property limits of the station licensee, whichever is greater. All antennas must be physically connected by wires to the transmitters and receivers used by the entrant. All high power categories must not exceed 1500 watts total output power on any band. Only the entrant's call sign can be used to aid the entrant's score. RTTY (Baudot) mode only. No unattended operation or contacts through gateways or digipeaters are permitted.

Any form of DX alerting assistance is permitted in ALL categories.

5. Categories:

Single Operator (Single Band and All Band)

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(a) Single Operator stations are those at which one person performs all of the operating, logging and spotting functions. Only one transmitted signal is allowed at any time.

(b) Low Power: Same as (a) except that (i) output power is 150 watts or less and (ii) only All Band entrants may enter the Low Power category. Stations in this category compete with other Low Power stations only.

(c) Rookie: An entrant in this category shall, at the time of the contest, have been licensed as a radio amateur for three years or less. If you are entering this category, please indicate on your Summary Sheet.

Multi-Operator (All band operation only)

(a) Single-Transmitter: Only one transmitted signal at any time. Limited to 6 band changes in any clock hour (0 through 59 minutes.) For example, a change from 20 meters to 40 meters and then back to 20 meters constitutes two band changes. Violation of the 6-band change rule will result in reclassification to the Multi-Multi category.

(b) Multi-Two: A maximum of two transmitted signals are allowed as long as each transmitter is on a different band. Each of the two transmitters is limited to 6 band changes in any clock hour (0 through 59 minutes.) For example, a change from 20 meters to 40 meters and then back to 20 meters constitutes two band changes. Violation of the 6-band change rule will result in reclassification of the entry to the Multi-Multi category. Each transmitter must keep a chronological log containing its own serial numbers and unique transmitter identifier (0 or 1 in the Cabrillo format).

(c) Multi-Transmitter: No limit to transmitters, but only one signal and running station allowed per band.

SWL: SWLs are required to log the call signs of both the heard and correspondent station. Scores are based only upon the heard station, using the same rules as transmitting stations. Correspondent call signs may not appear more than three times per band in your log.

6. Exchange

RS(T) report plus a progressive contact three-digit serial number starting with 001 for the first contact. (Continue to four digits if past 999.) Your log must show the correct serial number sent and received for each contact.

7. Serial Numbers and Identification of Transmitters

Single Operator log entries must contain a progressive three (or four) digit serial number sequence starting with 001 for the first contact. Multi-Two log entries must follow the same serial number scheme for each transmitter separately, and identify the transmitter (0 or 1) that makes each QSO. Multi-Transmitter (Multi-Multi) log entries must follow the same serial scheme as Single Operator log entries, but use separate serial numbers for each band. Multi-Multi logs need not identify the transmitter that makes each QSO.

8. QSO Points:

Contacts between stations on different continents are worth three (3) points on 28, 21 and 14 MHz and six (6) points on 7 and 3.5 MHz.

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Contacts between stations on the same continent but in different countries and contacts with maritime mobile stations are worth two (2) points on 28, 21 and 14 MHz and four (4) points on 7 and 3.5 MHz.

Contacts between stations in the same country are worth one (1) point on 28, 21, 14 MHz and two (2) points on 7 and 3.5 MHz.

9. Multiplier

The multiplier is the number of "valid" prefixes worked. A prefix is counted only once regardless of the number of times the same prefix is worked.

A prefix is the letter/numeral combination, which forms the first part of the amateur call. Examples: N8, W8, AB8, DL5, DJ2, HG1, WD200, WF96, 3DAØ, GB75, ZS66, U3, etc. Any difference in the numbering, lettering or order of same shall constitute a separate prefix. A station operating from a DXCC country different from that indicated by its call sign is required to sign portable. The portable prefix must be an authorized prefix of the country/call area of operation. In cases of portable operation, the portable designator will then become the prefix. Example: AB5KD operating from Wake Island would sign AB5KD/KH9 or AB5KD/NH9. American DX (KL7, KH6, KP2, KH3, etc.) operating within the 48 states must sign with a full designator of their choice. KH6XXX operating from Ohio must use an authorized prefix for the U.S. 8th district (W8, K8, etc.) United States portable stations are not permitted to select a portable prefix designation. For example, WS7I/2 is permitted, but WS7I/WY2 or WS7I/KZ2 is not. Portable designators without numbers will be assigned a zero (Ø) after the second letter of the portable designator to form a prefix. Example: N8BJQ/PA would become PAØ. All calls without numbers will be assigned a zero (0) after the first two letters to form the prefix. Example: XEFTJW would count as XEØ. Maritime mobile, mobile, /A, /E, /J, /P, or interim license class identifiers do not count as prefixes.

Special event, commemorative and other unique prefix stations are encouraged to participate. Prefixes must be assigned by the licensing authority of the country of operation.

10. Scoring

Single Operator

(a) All Band score = total QSO points from all bands multiplied by the number of different prefixes worked (prefixes are counted only once.)

(b) Single Band score = total QSO points on the band multiplied by the number of different prefixes worked.

Multi Operator: Scoring is the same as Single Operator, All Band.

A station may be worked once on each band for QSO point credit.

11. Awards

First place certificates will be awarded in each category listed under Section V in every participating country and in each call area of the United States, Canada, Australia and Japan. All scores will be published. To be eligible for an award a Single Operator station must operate at least 12 hours. Multi-operator stations must operate a minimum of 24 hours. A single-band log is eligible for a single-band award only. (Single band en-

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trants who also operate on other bands are encouraged to submit their logs to aid in the log checking process. Note: Logs containing more than one band will be judged as all-band entries unless they are submitted in Cabrillo format and the single band entry is specified in the Cabrillo header.) All certificates and plaques will be issued to the licensee of the station used. To the extent sponsors or winners purchase plaques through the Contest Director, plaques will be awarded in the following geographical areas for each of the Categories listed in Rule V: World, North America, USA, Canada, South America, Africa, Europe, Asia and Oceania.

12. Club Competition

A plaque will be awarded each year to the club that has the highest aggregate scores from logs submitted by members. The club must be a local group and not a national organization. Participation is limited to members operating within a local geographical area defined as within a 275-km radius from centre of club area (exception: DXpeditions specially organized for operation in the contest and manned by club members; club contributions of DXpedition scores are proportioned to the number of club members on the DXpedition). Indicate your club affiliation in the Cabrillo file. To be eligible for an award, a minimum of three logs must be received from a club, and if requested by the Contest Director a club officer must verify a list of participating club members.

13. Instructions for Preparation of Logs:

All logs should be submitted in Cabrillo format via e-mail to wpxrty@kkn.net. Logs must be submitted no later than 7 March 2008.

In the "Subject:" line of your e-mail message please include your call sign. Logs should be sent as an e-mail attachment, not in the text of the e-mail, and the filename for the log should be *yourcall.log*. Receipt of all e-mailed logs will be confirmed via return e-mail. To view a sample Cabrillo QSO template for this contest, go to www.kkn.net/~trey/cabrillo/wpx-rtty.txt

Entries from Multi-Two and Multi-Multi stations must be merged into a single chronological log. In the case of Multi-Two stations, the log must also indicate clearly, which station (shown as 0 or 1 in column 81 of the Cabrillo log) made each contact.

If the Cabrillo format is unavailable, contact the Log Checker, Paolo Cortese, I2UIY at i2uiy@cqww.com.

Other questions pertaining to the CQ WPX RTTY Contest may be sent to the WPX RTTY Contest Director, Glenn Vinson, W6OTC, 488 Locust Street, #401, San Francisco, CA 94118 USA, e-mail: w6otc@garlic.com.

14. Disqualification

Violation of amateur radio regulations in the country of the contestant, or the rules of the contest, unsportsmanlike conduct, taking credit for excessive duplicate contacts, unverifiable QSOs or multipliers will be deemed sufficient cause for disqualification. An entrant whose log is deemed by the WPX RTTY Contest Committee to contain a large number of discrepancies may be disqualified as a participant operator or station for a

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period of one year. If within a five-year period the operator is disqualified a second time, he will be ineligible for any CQ contest awards for three years.

15. Deadline

All entries must be submitted NO LATER than 7 March 2008. E-mail logs are subject to the same deadline. Logs postmarked after the deadline may be listed in the results but will be ineligible for any awards.

CQ Worldwide WPX Contest

SSB: 29 – 30 March 2008; CW: 24 – 25 May 2008. Starts 00:00 UTC Saturday, Ends 23:59 UTC Sunday

1. Period of Operation

48 hours. Single Operator stations may operate 36 of the 48 hours. Off times must be a minimum of 60 minutes in length. Multi-Operator stations may operate the full 48 hours.

2. Objective

The object of the contest is for amateurs around the world to contact as many amateurs in other parts of the world as possible during the contest period.

3. Bands

The 1.8, 3.5, 7, 14, 21 and 28 MHz bands may be used. No WARC bands allowed. Observance of established band plans is strongly encouraged.

4. Terms of Competition (for all categories)

All entrants must operate within the limits of their chosen category when performing any activity that could impact their submitted score. Only the entrant's call sign may be used to aid the entrant's score. A different call sign must be used for each entry. Transmitters and receivers must be located within a 500 metre diameter circle or within the property limits of the station licensee, whichever is greater. All antennas must be physically connected by wires to the transmitters and receivers used by the entrant. All high power categories must not exceed 1500 watts total output power on any band. No self-spotting of any form on DX spotting nets is permitted for any category. Self-spotting is defined as generating packet spots for your contest call sign by: (a) using your own call sign; (b) spotting your call while using another call sign; or (c) the spotting of your call sign by other stations as a result of prearranged solicitation.

Categories

Note—CATEGORY and CATEGORY-OVERLAY** names for use in the CABRILLO file header are shown in (italics).

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Single Operator (Single Band and All Band)(*SINGLE-OP ALL HIGH* or *SINGLE-OP [BAND] HIGH*)

One person performs all of the operating, logging, and, for the Assisted category only, spotting functions. Only one transmitted signal is allowed at any time. Maximum power allowed is 1500 watts total output.

Low Power: (*SINGLE-OP LOW* or *SINGLE-OP [BAND] LOW*): Same as 1(a) except that output power shall not exceed 100 watts. Stations in this category will compete only with other low power stations.

QRP (*SINGLE-OP ALL QRP* or *SINGLE-OP [BAND] QRP*): Same as 1(a) except that output power shall not exceed 5 watts. Stations in this category will compete only with other QRP stations.

Assisted/with Packet (*SINGLE-OP-ASSISTED ALL HIGH* or *SINGLE-OP-ASSISTED ALL LOW*): Same as 1(a) except the passive use (no self-spotting) of DX spotting nets or other forms of DX alerting is permitted. Stations in this category will compete only with other Assisted stations.

**The next two categories shown below require an additional line in your Cabrillo log file header called CATEGORY-OVERLAY. See paragraph XIV(d).

Tribander/Single Element (*TB-WIRES*)**: Tribander (any type) for the high bands with a single feed line from the transmitter to the antenna, and single-element low-band antennas (wires) category. During the contest an entrant shall use only one (1) tribander for 10, 15, 20 meters and single-element antennas on 40, 80, and 160.

Rookie (*ROOKIE*)**: To enter this category you must have been licensed as a radio amateur three (3) years or less on the date of the contest.

Multi-Operator (All band operation only, high power only)

Single-Transmitter (*MULTI-ONE*): Only one transmitter and one band permitted during the same time period (defined as 10 minutes). Exception: One other band may be used during any 10-minute period if the station worked is a new multiplier. Use a separate serial number sequence for the multiplier station. Logs found in violation of the 10-minute rule will be automatically reclassified as multi-multi. Maximum power allowed is 1500 watts total output. Your log MUST show the correct serial number sent and received for each contact.

Multi-Two (*MULTI-TWO*): A maximum of two transmitted signals at any time on different bands. Both transmitters may work any and all stations. A station may be worked only once per band regardless of which transmitter is used. Use a separate serial number sequence for each band and include a unique identifier for each transmitter. Each of the two stations may make a maximum of 8 band changes in any clock hour (00 through 59 minutes). For example, a change from 20 meters to 40 meters and then back to 20 meters constitutes two band changes. Maximum power allowed is 1500 watts total output.

Multi-Transmitter (*MULTI-MULTI*): No limit to transmitters, but only one signal (and running station) allowed per band at any time. Use a separate serial number sequence for each band. *Note:* All transmitters and receivers must be located within a 500-meter diameter area or within property limits of the station licensee, whichever is greater. All operation must take place from the same operating site. Maximum power allowed is 1500 watts total output.

5. Exchange

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RS(T) report plus a progressive contact three-digit serial number starting with 001 for the first contact. (Continue to four digits if past 999 and five if past 9999.) Your log MUST show the correct serial number sent and received for each contact.

6. Contact Points

Contacts between stations on different continents are worth three (3) points on 28, 21 and 14 MHz and six (6) points on 7, 3,5 and 1,8 MHz.

Contacts between stations on the same continent, but different countries, are worth one (1) point on 28, 21 and 14 MHz and two (2) points on 7, 3,5 and 1,8 MHz. Exception: For North American stations only - contacts between stations within the North American boundaries (both stations must be located in North America) are worth two (2) points on 28, 21 and 14 MHz and four (4) points on 7, 3,5 and 1,8 MHz.

Contacts between stations in the same country are worth one (1) point regardless of band.

7. Prefix Multipliers

The prefix multiplier is the number of valid prefixes worked. A PREFIX is counted only once regardless of the number of times the same prefix is worked.

A PREFIX is the letter/numeral combination, which forms the first part of the amateur call. Examples: N8, W8, WDS, HG1, HG19, KC2, OE2, OE25, etc. Any difference in the numbering, lettering or order of same shall constitute a separate prefix. A station operating from a DXCC country different from that indicated by its call sign is required to sign portable. The portable prefix must be an authorized prefix of the country/call area of operation. In cases of portable operation, the portable designator will then become the prefix. Example: N8BJQ operating from Wake Island would sign N8BJQ/KH9 or N8BJQ/NH9. KH6XXX operating from Ohio must use an authorized prefix for the U.S. 8th district (W8, K8, etc.). Portable designators without numbers will be assigned a zero (Ø) after the second letter of the portable designator to form the prefix. Example: PA/N8BJQ would become PAØ. All calls without numbers will be assigned a zero (Ø) after the first two letters to form the prefix. Example: XEFTJW would count as XEØ. Maritime mobile, mobile, /A, /E, /J, /P, or interim license class identifiers do not count as prefixes. You may not make up your own prefix.

Special event, commemorative and other unique prefix stations are encouraged to participate. Prefixes must be assigned by the licensing authority of the country of operation.

8. Scoring (QSO Points)

Single Operator:

All Band score = total contact points from all bands multiplied by the number of different prefixes worked (prefix multiplier; prefixes are counted only once).

Single Band score = total contact points on the band entered multiplied by the number of different prefixes worked (prefix multiplier).

Multi Operator: Scoring is the same as Single Operator, All Band.

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A station may be worked once on each band for QSO point credit. Prefix credit may be taken only once.

9. QRP Section

Single Operator only. Output power must not exceed 5 watts. You must note QRP in the header of your Cabrillo file, or in the case of non-Cabrillo logs, on the summary sheet and state the actual maximum output power used for all claimed contacts. Results will be listed in a separate QRP section and certificates will be awarded to each top-scoring QRP station in the order indicated in Section XI.

10. Low Power Section

Single Operator only. Output power must not exceed 100 watts. You must indicate low power in the header of your Cabrillo file, or in the case of non-Cabrillo logs, on the summary sheet and state the actual maximum output power used for all claimed contacts. Results will be listed in a separate low power section and certificates will be awarded to each top-scoring low power station in the order indicated in Section XI.

11. Awards

Certificates will be awarded to the highest scoring station in each category listed under Section 4.

In every participating country.

In each call area of the United States, Canada, Australia, Japan and Asiatic Russia.

All scores will be published. To be eligible for an award, a single operator station must show a minimum of 12 hours of operation and multi-operator stations must show a minimum of 24 hours of operation.

A single-band log will be eligible for a single-band award only. If a log contains more than one band, it will be judged as an all-band entry unless specified otherwise.

In countries or sections where entries justify, second- and third-place awards will be made.

12. Trophies, Plaques, and Donors

13. Club Competition

A trophy will be awarded each year to the club that has the highest aggregate scores from logs submitted by members. The club must be a local group and not a national organization. Participation is limited to members operating within a local geographical area (exception: DXpeditions specially organized for operation in the contest and manned by members). Indicate your club affiliation on the summary sheet or in the CABRILLO file. To be eligible for an award, a minimum of three logs must be received from a club.

14. Instructions for Submission of Logs

All times must be in UTC. All breaks must be clearly marked (not required for CABRILLO logs). Single operator and multi-single logs must be submitted in chronological order. Multi-Two logs must be submitted chronologically by band. Multi-multi logs must be submitted chronologically by band.

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All sent and received exchanges are to be logged. Logs without sent and received serial numbers will be reclassified as check logs.

Electronic submission of logs is the expected method for all participants. It is required for all top-scoring entrants, for anyone wishing to compete for an award, and for all who use a computer to log the contest or prepare contest logs.

Instructions for CABRILLO logs - IMPORTANT: Please put only your call sign in the Subject: field of the e-mail used to send your CABRILLO log. For U.S. stations, please also indicate your ARRL Section in the CABRILLO header. The CABRILLO file format is the standard. Do not rely on your logging program; use a text editor (WordPad, Notepad, DOS Edit - no word processors) to make sure all of the CABRILLO header information is there, including the extra line in the header for CATEGORY-OVERLAY if you are entering the TB-WIRES or ROOKIE categories. Also be sure to indicate your club affiliation. For detailed instructions on filling out the CABRILLO file header, see the WPX Contest website www.cqwpix.com. Failure to fill out the header correctly can result in your entry being placed in the wrong category or reclassified as a check log. Please do not mail printed copies of CABRILLO logs, as these are of no use to anyone.

E-mail is the expected method of log submission. SSB CABRILLO logs should be sent to ssb@cqwpix.com and CW CABRILLO logs should be sent to cw@cqwpix.com. All logs received via e-mail will be confirmed via e-mail. A listing of logs received can be found on the CQ WPX website at www.cqwpix.com and will be updated frequently.

Instructions for NON-CABRILLO logs: If you are not able to submit a CABRILLO log, you may submit the ASCII output from most of the popular logging programs such as TR, CT, NA, Writelog and SuperDuper. You may also submit the *.BIN, *.DAT, *.QDF files from CT, TR, or NA. If your log is not in CABRILLO format, a separate summary sheet is required. Please name your files with your call and the file type. Example: N8BJQ submits a CABRILLO file. It should be named N8BJQ.LOG. If N8BJQ chose to submit a non-CABRILLO file such as TR's .Dat file, he should name the log file N8BJQ.DAT and the summary file should be N8BJQ.SUM. See www.cqwpix.com for more information on e-mail log formats. Any logs sent on floppy disk should be on 3.5-inch diskettes and sent in a proper mailer to prevent damage. Non-CABRILLO Logs must be checked for duplicate contacts, correct QSO points and prefix multipliers. Duplicate contacts must be clearly marked. An alpha/numeric checklist of claimed PREFIX multipliers must be submitted with your log. Each non-CABRILLO entry must be accompanied by a Summary Sheet listing all scoring information, the category of competition, and the entrant's name and mailing address in BLOCK LETTERS. Also submit a signed declaration that all contest rules and regulations for amateur radio in the country of operation have been observed.

Official log and summary sheets are available from CQ Communications, Inc., 25 Newbridge Road, Hicksville, NY 11801 USA; fax (+1) 516-681-2926; or are available on the CQ website www.cq-amateur-radio.com. You may make your own forms as long as all required information is present.

15. Disqualification

Violation of amateur radio regulations in the country of the contestant, or the rules of the contest, unsportsmanlike conduct, taking credit for excessive duplicate contacts, unverifiable QSOs or multipliers will be deemed sufficient cause for disqualification. An entrant whose log is judged by the WPX Contest Committee to contain an excessive number of discrepancies may be disqualified as a participant operator or station for a

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period of one year. If within a five-year period the operator is disqualified a second time, he or she will be ineligible for any CQ contest awards for three years.

Declaration: By submitting an entry in the CQ WPX Contest you agree that you have read and understood the rules of the contest and agree to be bound by them, as well as all rules and regulations of your country which pertain to amateur radio. All actions and decisions of the WPX Contest Committee are official and final.

16. Deadline

All entries must be postmarked NO LATER than May 1, 2008 for the SSB section and NO LATER than July 1, 2008 for the CW section. All logs, including e-mail entries, are subject to these deadlines. Indicate SSB or CW on your envelope. Logs postmarked after the deadline may be listed in the results, but will be ineligible for any awards.

Check the WPX website <http://www.cqwpw.com> for instructions on mailing WPX logs.

Questions pertaining to the WPX Contest may be e-mailed to the WPX Contest Director, Steve Merchant, K6AW, k6aw@cqwpw.com.

CQ Worldwide DX Contest

Phone: October 27-28 CW: November 24-25. Starts 00:00 UTC Saturday and ends 24:00 UTC Sunday

1. Objective

For amateurs around the world to contact other amateurs in as many zones and countries as possible.

2. Bands

All bands, 1.8 to 28 MHz, except for the WARC bands.

3. Type Of Competition (choose only one)

For all categories: All entrants must operate within the limits of their chosen category when performing any activity that could impact their submitted score.

All high power categories must not exceed 1500 watts total output power on any band. Transmitters and receivers must be located within a 500 meter diameter circle or within the property limits of the station licensee's address, whichever is greater. All antennas used by the entrant must be physically connected by wires to the transmitters and receivers used by the entrant. Only the entrant's call sign can be used to aid the entrant's score. A different call sign must be used for each CQ WW entry.

Single Operator Categories: Single band or all band; only one signal allowed at any one time; the operator may change bands at any time.

Single Operator High: those stations at which one person performs all of the operating, logging and spotting functions. The use of DX alerting assistance of any kind places the

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station in the Single Operator Assisted category.

Single Operator Low: Same as above except that the output power shall not exceed 100 watts (see rule XI.11).

QRPP: Same as above except that the power output must not exceed 5 watts (see rule XI.11).

Single Operator with DX Spotting Net: Same as above except the passive (self-spotting not allowed) use of DX spotting nets is allowed.

Multi-Operator (all band operation only):

Single Transmitter (MS): Only one transmitter and one band permitted during any 10-minute period, defined as starting with the first logged QSO on a band. Exception: One - and only one - other band may be used during any 10-minute period if—and only if—the station worked is a new multiplier. Logs found in violation of the 10-minute rule will automatically be reclassified as M2.

Two Transmitters (M2): A maximum of two transmitted signals at any time on different bands. Both transmitters may work any and all stations. A station may only be worked once per band regardless of which transmitter is used. Each of the two transmitters used must keep a separate chronological log for the entire contest period, or if electronic logging is used, the electronic log submittal (Cabrillo) must indicate which transmitter made each QSO. Each transmitter may make a maximum of 8 band changes in any clock hour (00 through 59 minutes).

Multi-Transmitter (MM): No limit to transmitters, but only one signal and running station allowed per band.

Team Contesting: A team consists of any five radio amateurs operating in the single operator category. A person may be on only one team per mode. Competing on a team will not prevent any team member from submitting his/her personal score for a radio club. A team score will be the sum of all the team member scores. SSB and CW teams are totally separate. That is, a member of an SSB team may be on a totally different CW team. A list of a team's members must be received at CQ Headquarters by the time the contest begins. E-mail to teams@cqww.com or mail or fax the list to CQ, Att: Team Contest, 25 Newbridge Road, Hicksville, NY 11801 U.S.A.; fax 516-681-2926. Awards will be given to the top teams on each mode.

4. Number Exchange

Phone: RS report plus zone (i.e., 5705). CW: RST report plus zone (i.e., 57905).

5. Multiplier

Two types of multiplier will be used.

A multiplier of one (1) for each different zone contacted on each band.

A multiplier of one (1) for each different country contacted on each band.

Stations are permitted to contact their own country and zone for multiplier credit.

The CQ Zone Map, DXCC country list, WAE country list and WAC boundaries are standards.

Maritime mobile stations count only for a zone multiplier.

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6. Points

Contacts between stations on different continents are worth three (3) points.

Contacts between stations on the same continent but different countries, one (1) point.

Exception: For North American stations *only*, contacts between stations within the North American boundaries count two (2) points.

Contacts between stations in the same country are permitted for zone or country multiplier credit but have zero (0) point value.

7. Scoring

All stations: the final score is the result of the total QSO points multiplied by the sum of your zone and country multipliers.

Example: 1000 QSO points × 100 multiplier (30 Zones + 70 Countries) = 100,000 (final score).

8. Awards

First-place certificates will be awarded in each category listed under Socii in every participating country and in each call area of the United States, Canada, European Russia, Spain and Japan.

All scores will be published. To be eligible for an award, a Single Operator station must show a minimum of 12 hours of operation. Multi-operator stations must operate a minimum of 24 hours. A single-band log is eligible for a single-band award only. If a log contains more than one band, it will be judged as an all-band entry, unless specified otherwise.

In countries or sections where the returns justify, 2nd and 3rd place awards will be made.

All certificates/plaques will be issued to the licensee of the station used.

9. Trophies And Plaques

Plaques and trophies are awarded for top performance in a number of categories. They are sponsored by individuals and organisations. For a current list of plaques and sponsors, or to learn how to become a sponsor, see the CQ website www.cq-amateur-radio.com/cqwwhome.html. A station winning a World trophy will not be considered for a sub-area award; the trophy will be awarded to the runner-up in that area.

There is a trophy "Special Single Operator, World All Band, Under 21 Years Old." If you qualify to compete for that trophy, please specify that, stating your age, in the comments section on the summary sheet.

10. Club Competition

The club must be a local group and not a national organization.

Participation is limited to members operating within a local geographic area defined as within a 275 km radius from centre of club area (except for DXpeditions specially organized for operation in the contest; club contributions of DXpedition scores are per-

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centaged to the number of club members on the DXpedition).

To be listed, a minimum of three logs must be received from a club, and an officer of the club must submit a list of participating members and their scores, both on phone and CW.

11. Log Instructions

All times must be in UTC.

All sent and received exchanges are to be logged.

Indicate zone and country multiplier only the FIRST TIME it is worked on each band.

We want your electronic log. The Committee requires an electronic log for any possible high-scoring log. By submitting a log to the CQ WW Contest, the entrant agrees to have the log open to the public. If possible, we would appreciate complete frequencies in the log.

E-MAIL Required Content: Please *submit your log in the Cabrillo file format created by all major logging programs*. Be sure to put the STATION CALL SIGN and the MODE in the "Subject:" line of each message. Your software may automatically encode your log as an attachment. Your e-mail log will automatically be acknowledged by the server. You will also receive a personal access code from the server at a later time. Submit your CQ WW SSB log to ssb@cqww.com and your CQ WW CW log to cw@cqww.com.

For paper logs, use a separate sheet for each band.

Each paper log entry *must* be accompanied by a summary sheet showing all scoring information, category of competition, and contestant's name and address in BLOCK LETTERS. Electronic submission implies a signed declaration that all contest rules and regulations for amateur radio in the country of operation have been observed.

Sample log and summary sheets and zone maps are available from CQ. A large, self-addressed envelope with sufficient postage or IRCs must accompany your request. If official forms are not available, make up your own, 80 contacts to the page on 8 1/2" x 11" paper.

All paper log entrants are required to submit crosscheck sheets (an alphabetical list of calls worked) for each band on which 200 or more QSOs were made.

Bad QSO: The bad QSO is removed and a penalty of three more equivalent QSOs is applied to the points only.

QRPP and Low Power stations must indicate their category on their summary sheets and state the actual maximum power output used, with a signed declaration.

12. Disqualification

Violation of amateur radio regulations in the country of the contestant, or the rules of the contest; unsportsmanlike conduct; taking credit for excessive unverifiable QSOs or unverifiable multipliers will be deemed sufficient cause for disqualification. Incorrectly logged calls will be counted as unverifiable contacts.

An entrant whose log is deemed by the Contest Committee to contain a large number of discrepancies may be disqualified from eligibility for an award, both as a participant operator or station, for one year. If an operator is disqualified a second time within five

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years, he/she will be ineligible for any CQ contest awards for three years.

The use by an entrant of any non-amateur means such as telephones, telegrams, internet or the use of packet to SOLICIT contacts during the contest is unsportsmanlike and the entry is subject to disqualification. Action and decisions of the CQ WW Contest Committee are official and final.

13. Deadline

All entries must be postmarked NO LATER than December 1, 2008 for the SSB section and January 15, 2009 for the CW section. Indicate SSB or CW on the envelope and/or disk.

An extension of up to one month maybe given if requested by e-mail questions@cqww.com. The Contest Director must confirm the granted extension, must state a legitimate reason, and the request must be received before the log-mailing deadline. Logs postmarked after the extension deadline may be listed in the results but will be declared ineligible for an award.

Both Phone and CW mailed logs should be sent to CQ Magazine, 25 Newbridge Road, Suite 309, Hicksville, NY 11801. Please mark SSB or CW on the envelope.