

# Rules for 2015 VHF Fall Sprint Contests Rev 1

by NT4RT May 11, 2015

**Please Note 50MHz date and Microwave operating time changes. Also see 5.2 for Rovers & Time zones.**

**1.0 Contest Purpose:** Encourage weak signal VHF/UHF amateur radio operation & have fun.

## **2.0 Contest Time and Date:**

1. 50MHz: 2300Z Saturday, August 8, 2015 to 0300Z Sunday, August 9, 2015.
2. 144MHz: 7PM to 11PM local time on Monday, September 21, 2015.
3. 220MHz: 7PM to 11PM local time on Tuesday, September 29, 2015.
4. 432MHz: 7PM to 11PM local time on Wednesday, October 7, 2015.
5. Microwave 902MHz and up: 7AM to 2PM local time on Saturday, October 10, 2015.

**3.0 Classes:** Stations will be classified as either Single Op or Rover. A portable or mobile station that operates from only one grid is considered a Single Op station. A Rover must operate from at least 2 grid squares.

**3.1 Power:** Power output used for contacts is for informational purposes only. Power output will not be used to separate contestants into different groups or categories. You may want to place your station information such as rig, output power, antenna etc. in the notes section of your entry. That being said, the following are the suggested power levels for the HP, LP and QRP groupings on the 3830 web site.

- a. QRP: up to 5 watts PEP. (any band)
- b. Low Power: up to 200 watts PEP. (any band)
- c. High Power: up to 1500 watts PEP. (any band)

**4.0 Exchange:** Maidenhead Grid Square. Microwave contest exchange **must** be the full 6 character grid.

**5.0 Reporting:** Score will be entered on the 3830 web page in the form provided for the particular sprint. The web page is <http://www.3830scores.com/> .

Alternatively, you can postal mail or email a complete log to the contest chairman in place of a 3830 entry. A 3830 entry is preferred. Email attachment must be an ASCII text file. (.txt or .log file, Cabrillo format is preferred.)

Your grid square goes in the web site box for "QTH". Microwave use 6 digit grid. Rovers use the first grid activated as QTH.

Winning entries will supply a log for review by the sprint chairman to make score official. The Log can be a mailed paper log or emailed as an attached text file in an ARRL recognized format. ARRL log sheets are the preferred paper format.

Fall Sprint Chairman:

Bruce Randall NT4RT  
928 Falls Rd  
Rock Hill, SC 29730

NT4RT@ARRL.net

The results must be posted on the 3830 web page within 14 days of the event. Paper logs may be mailed to the Sprint Chairman for this event. Mailed logs must be post marked within 14 days of the event. The Sprint Chairman will post the results from a paper log on the 3830 web page.

**5.1 Scoring:** 50, 144, 222 and 432MHz , 1 point per QSO on any band. Multiplier would be the total number of grid squares worked for that specific band/Sprint.

Final score: Multiply QSO points by the multipliers. Each Sprint is scored separately. Distance based total kilometers worked would be an optional entry for information only. ( Distances are not very accurate from 4 digit grids )

**5.2 Rover Scoring:** 50, 144, 222 and 432MHz , 1 point per QSO on any band. Multiplier would be the total number of grid squares worked for that specific band/Sprint.

If the rover moves to a new grid, then works a station again, a new contact is made for both stations. The new grid will be a new multiplier if the grid was not worked before.

Rover in EM73 works EM84 as a multiplier

Rover in EM74 works EM84 as a new multiplier

When you move to a new grid, you start over on additional new multipliers.

Final score: Multiply QSO points by the multipliers. Each Sprint is scored separately. Distance based total kilometers worked would be an optional entry for information only.

Note that rovers that move East to West across a time zone do get another hour of operation as the rule **is local time!** This does not apply to 50MHz because of UTC

**5.3 Microwave Scoring:** For Microwave, 902 MHz and above use the sum of the distance of all contacts in kilometers. A station worked on a new band is a new contact. If a rover moves to a new grid (4 digit) he/she can be worked again for another contact.

The 6 digit grid square exchange is required for accurate distance calculation.

**5.4 Microwave Rover Scoring:** Scored like Single Op Microwave, except stations can be contacted again for score after moving to a new grid. Grids activated is not used directly for scoring and is not reported on 3830 web site.

**5.5** The contest scoring is intended to be done mostly on the "Honor System". But, after the submission period has expired, 14 days after that particular operating event, the Sprints Committee or Chairman for that particular event will review the top 3 submissions to validate accuracy of the submission. And, the Sprints Committee or Chairman reserves the right to request to review the actual contest log for any entrant for review if required.

**6.0 Rover Operation:** A rover must be a portable or mobile station that makes contacts from at least two different Grid Squares. For all sprints, including microwave the rover must move to a new 4 digit Grid Square.

**7.0 Assistance:** Use of telephone, packet or internet methods to schedule contacts during the contest is acceptable. The telephone, packet or internet channel will not be used while the contact is in progress. No "OK I am hearing you now" over the another communications channel. The alternate channel will not be available in any way to the operator during the contact. The complete exchange of call signs and grids must be accomplished on the relevant amateur radio band. The preferred scheduling method is on an amateur frequency such as 144.250MHz or 432.090MHz.

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See following for 3830 site information. Underline identifies a user entry box.

### 3830 information 50 to 432 MHz Spring/Fall Sprint

(*band* is 50MHz, 144MHz, 222MHz, or 432MHz) for 4 separate contest entries

Submitter's E-mail Address\* \_\_\_\_\_  Send copy to this email address

Call Used\* \_\_\_\_\_ Class\* ^Single Op/Rover Power ^HP/LP/QRP

Operator Call \_\_\_\_\_ Station Call \_\_\_\_\_

Op Time (hrs) \_\_\_\_\_ QTH\* \_\_\_\_\_ Club ^(none)

QSOs          Mults          Total Score          Total Distance, km(optional)

*band* \* \_\_\_\_\_ \* \_\_\_\_\_ \* \_\_\_\_\_ \_\_\_\_\_

Comments \_\_\_\_\_(optional)

### 3830 information Microwave Spring/Fall Sprint

Submitter's E-mail Address\* \_\_\_\_\_ Send copy to this email address

Call Used\* \_\_\_\_\_ Class\* ^Single Op/Rover Power ^HP/LP/QRP

Operator Call \_\_\_\_\_ Station Call \_\_\_\_\_

Op Time (hrs) \_\_\_\_\_ QTH\* \_\_\_\_\_ Club ^(none)

QSOs            Total Distance, km    Best DX QSO, km

\* \_\_\_\_\_            \* \_\_\_\_\_            \* \_\_\_\_\_

Comments \_\_\_\_\_ (optional)

**Information is included in all forms on 3830 site:**

Log submission info            By contest sponsor.  
Link to contest rules            By contest sponcor