

HF/VHF/UHF – ALL MODES MONTHLY ACTIVITY DAYS - 2017

(1)	Date	See Dates below
(2)	Time	00:00 to 23:59 Local Time
(3)	Modes	SSB/AM /FM /CW/ Data
(4)	Bands	1.8, 3.5, 7, 10, 14, 18, 21, 24, 28, 50, 70, 144 & 432 MHz
(5)	Power	As per your licence Full=400W, Intermediate=50W and Foundation=10W
(6)	Your Locator	World Wide Locator (WWL) i.e. IO85MX
(7)	Eligible Entrants	Open to any one who wishes to take part
(8)	Transmit Exchange	Report (RST)
(9)	Receive Exchange	Report plus Contacts WWL
(10)	Closing Date	Closing Date for the Logs is 2 days after the Month dates
(11)	Return Logs to	Bob Glasgow GM4UYZ, 7 Castle Terrace, Port Seton, Prestonpans, East Lothian, EH32 0EE Email: gm4uyz@cpsarc.com
(12)	QSO's not Eligible	Any HF/VHF/UHF QSO's via a repeater do not count

2017 Dates (Any selected day Sunday to Saturday)

DATE	COMMENTS	DATE	COMMENTS
<i>15th to the 21st January</i>	Any Day during this week	<i>9th to the 15th July</i>	Any Day during this week
<i>12th to the 18th February</i>	Any Day during this week	<i>13th to the 19th August</i>	Any Day during this week
<i>12th to the 18th March</i>	Any Day during this week	<i>10th to the 16th September</i>	Any Day during this week
<i>9th to the 15th April</i>	Any Day during this week	<i>8th to the 14th October</i>	Any Day during this week
<i>14th to the 20th May</i>	Any Day during this week	<i>12th to the 18th November</i>	Any Day during this week
<i>18th to the 24th June</i>	Any Day during this week SUMMER SOLSTICE	<i>10th to the 16th December</i>	Any Day during this week WINTER SOLSTICE

History:

For a few years we tried running our own "small" contest on the nearest Wednesday to mid-summer's day. We started at first using 10M but as the sunspot cycle started to fall it was moved to the 20M band but sadly over the years it was not really well supported. Many of the comments that came back after the event are, "it is a "Contest". Why not change the event to an Activity Night"? To that end it changed to just that an Activity Night. Up to 2012 this event was run just at the Summer Solstice and starting in December 2012 we tried the same activity at the Winters Solstice. In 2013 we did both the Summer and Winter Solstice dates. It was interesting to see the differences. Another change is that it now includes all Bands from 1.8MHz up to 432MHz to allow those who have no HF equipment to take part by submitting their VHF/UHF contacts. Developing this activity night further starting in January 2014 it now runs on a monthly basis throughout the year to try and encourage club members to go on and operate even if it is just one night a month. Further development starting January 2016 after lots of requests is to make it any day within a selected week. This allows more flexibility for those who cannot make a specific day by letting them choose a day that they are available to operate. In 2017 this is the way it will continue

Aim:

The aim of the event is to:

- Encourage everyone to operate at least once a month
- Go on the air and work as many stations that you can in the allotted time period
- Upload your contacts to Clublog and have them added to the club's DXCC table.
- Most of all have some fun.

Using the World Wide Locator (WWL) system as part of the exchange gives the ability to measure the distance between your location and the contacts location and it also offers the challenge to obtain the remote contacts WWL. I have certainly noticed that over 98% of all QSL cards that I receive have the stations locator written on the card so obtaining one should, hopefully be quite easy. **Note: I will accept the locator as 4 characters (FN3Z) if that is what the station gives you but please try to obtain the full 6 characters as this will give a very accurate distance. If 4 characters are given I will use the centre of the square which is LL to make the locator FN3ZLL**

Lastly, we are Radio Amateurs after all and we are supposed to get on the air and make contacts so come on then let me see you doing it.

After the Event:

After the event can you send me a copy of your log, example below so that I can write up some report on what you all managed to achieve plus why not update the ClubLog club tables and show everyone else what you achieved.

Completing the Log

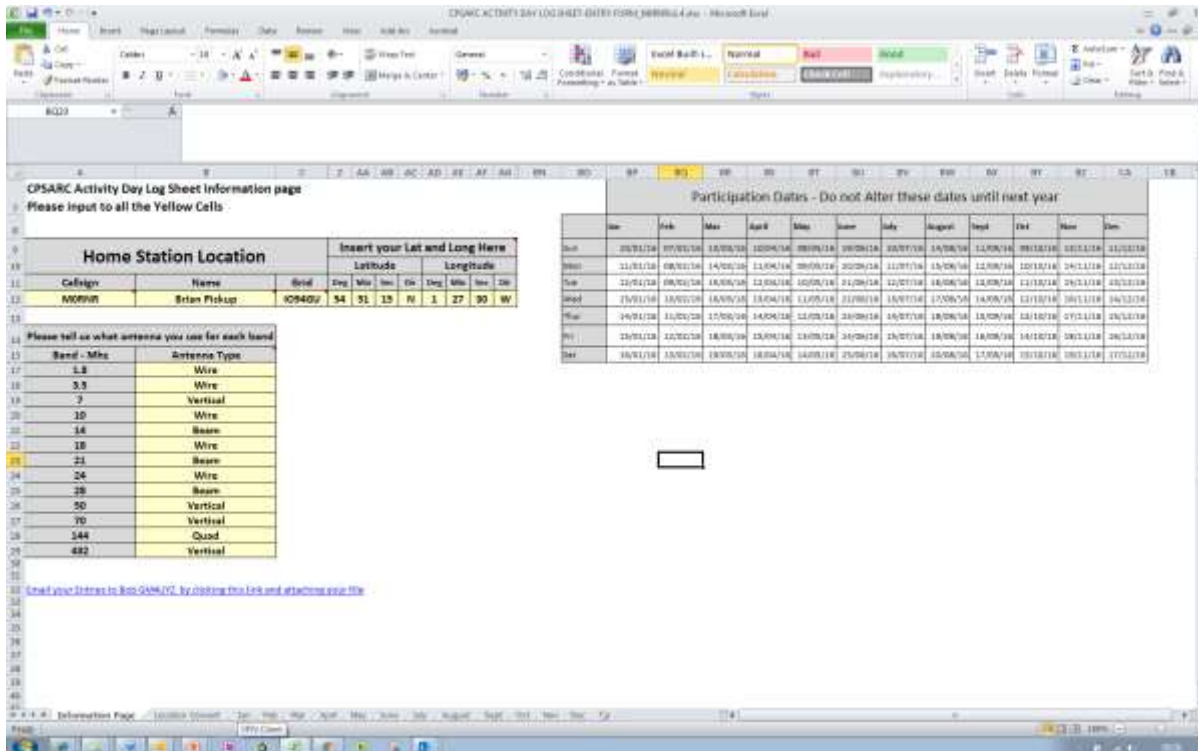
Copy of a blank log (**CPSARC ACTIVITY DAY LOG SHEET-ENTRY FORM**) can be downloaded from the clubs website and I would appreciate if you would use this for your submission:

http://cpsarc.com/downloads/activity_days/

Open the spreadsheet and click on the information tab.

You need to complete all of the yellow cells and input

1. Your call sign
2. Your name
3. Your locator square
4. Your latitude and longitude – more on this later
5. The antenna you use for each band, if you don't have an antenna for that band, leave the cell blank

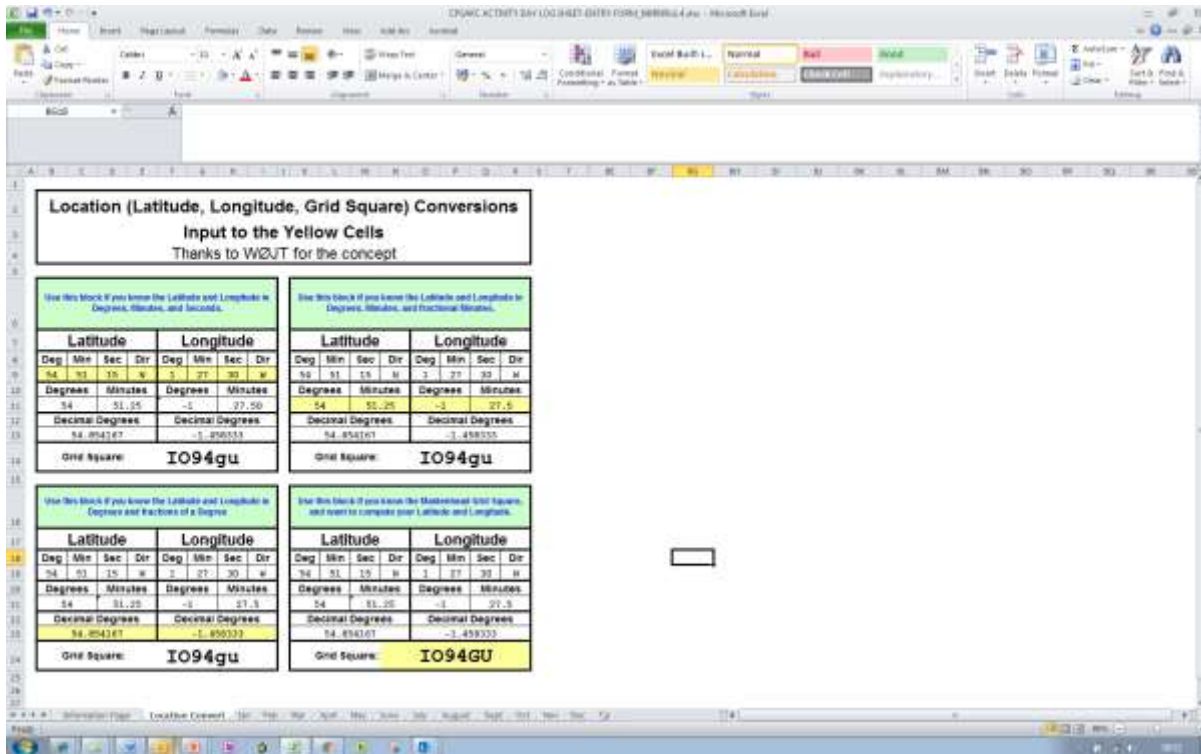


Calculating your Lat and Long

The next tab – location convert, gives you a tool to calculate either your locator square (if you know your lat and long but don't know your locator) or your lat and long if you know your square.

Enter the locator square in the yellow cell and it will calculate your Lat and Long in Degrees, minutes and seconds, and input the lat and long into the info page exactly as calculated. This is really important as the spreadsheet uses your Lat and long to calculate the distance between locator squares.

Or enter your Lat and long and it will calculate your locator square



The Log now has drop down menus for Band and Mode

1. Band – Click the arrow and pick the band for the QSO
2. ANT - The spreadsheet will pull through your antenna based on the information you provided in the table
3. Power - Enter the power in watts as a number so for 400w enter 400
4. Mode – click the arrow and enter the mode of the QSO
5. Enter the callsign of the station worked
6. Your Locator Once you enter a callsign the spreadsheet will enter your locator
7. Their Locator – enter the locator square of the station worked
8. Distance – this is a calculation and there is now no need to look up the distance using a website
9. Time – enter the time of the QSO
10. On completion save your spreadsheet then click the hyperlink on the information page to generate an email to Bob GM4UYZ

CPSARC ACTIVITY DAY LOG SHEET

Date of the Event:	11/02/2016
Call Sign:	MORNR
Name:	Brian Pickup

QSO	Band	Ant	Power (W)	Mode		Station Worked	Your Locator	Their Locator	Distance (Kms)	Time
1	10	Wire	400			GM2T	IO94GU	IO85bt	186	18:00:00
2										
3										
4										
5										
6										
7										

Look forward to a massive turnout for all the activity days ...

Bob GM4UYZ