

## Global Simulated Emergency Test - April 2009

Saturday April 18th 2009 11.00 - 15.00 UTC

IARU Region 1 invites the HQ-Stations of all IARU member societies and stations of Emergency Communications Groups to participate in a Global Simulated Emergency Test on Saturday April 18th, 2009 11.00 - 15.00 UTC. The operation will take place on and near the emergency Centre-of-Activity (CoA) frequencies on 80, 40, 20, 17 and 15 metres (+- QRM ).

The objectives of the test are;

- 1/ increase the common interest in emergency communications.
- 2/ test how usable the CoA frequencies are across ITU regions.
- 3/ create practices for international emergency communication and
- 4/ practice the relaying of messages using all modes.

The exercise will build on earlier GlobalSET exercises by starting to pass messages in a format which we may have to use for the agencies we may serve. The message exchange will take longer than in previous exercises and stations will have to be patient to transmit their messages across country and language boundaries.

So, please remember that this is not a contest, it is an emergency communications exercise to develop the skills we will need to provide an international emergency network.

Messages may be passed on voice (SSB), Data or CW modes as detailed below.

Voice mode

Each IARU Region will have a HQ station operating on voice as follows:

Region 1 - GB4NRC

Region 2 - TG0AA

Region 3 - TBA

HQ stations will be QRV simultaneously on all CoA frequencies appropriate to their region +- QRM as shown below.

Region 1	Region 2	Region 3
3760	3750 or 3985	3760
7060 or 7110	7060, 7240 or 7290	7060
14300	14300	14300
18160	18160	18160
21360	21360	21360

Stations intending to participate are requested to register through their IARU Regional/National Emergency Communications Co-Ordinators as follows;

Region 1 - <http://www.iaru-r1.org/EMERCOM%20Coords.htm>

Region 2 - <http://www.iaru-r2.org/emergencies/>

Region 3 - Email [globalset08@raynet-hf.net](mailto:globalset08@raynet-hf.net)

In Regions 1 & 2 if your country does not have a National Co-Ordinator then please contact the regional co-ordinator via the details on the websites.

A list of participating stations will also be available at [www.raynet-hf.net](http://www.raynet-hf.net)

Participating stations should call 'CQ GLOBALSET' giving their callsign and organisation ( ARES, RAYNET, NETMAR etc. ).

## MESSAGE FORMAT

Each participating station will send messages to their Regional HQ station formatted using the IARU HF International Emergency Operating Procedure which can be seen at <http://www.iaru-r1.org/HFEmergOpProc.htm>. That page also has the message forms to be used for the exercise.

Stations should relay messages received towards the Regional HQ station.

To comply with licence regulations, all messages should be addressed to Greg Mossop, G0DUB and should come from a licenced radio amateur.

Messages should be less than 25 words and must not include anything which would be considered as a 'real emergency' message by a listener. For example;

- Weather report at the station location
- Number of operators available
- Interesting fact about the station

would all be acceptable messages. An example message would be;

```
1 Routine ZS6BUU 6 Johannesburg 1100 8 APR
To Greg Mossop G0DUB
Johannesburg weather 15 Degrees and sunny
From Francois Botha ZS6BUU
```

There is no limit on the number of messages to be sent but each one must have a unique message number.

Regional HQ stations will not be sending messages, only receiving them. To avoid QRMing the HQ stations, please move to frequencies near the CoA in steps of 5KHz for contacts with others.

To create a more realistic situation, please limit your transmitting power during the exercise to 100 Watts. We are especially interested in stations operating mobile/portable and/or on emergency power.

### Data modes

Data stations must send the same format as used for voice messages. There will not be any HQ stations for data modes, data stations should use the frequencies defined for their preferred mode in national bandplans. This makes the use of 'CQ GLOBALSET' and registering your intended participation particularly important.

'Structured' modes such as Winlink, ALE, PSKmail should send their messages directly to [g@dub@winlink.org](mailto:g@dub@winlink.org), other data modes should attempt to relay the messages through two other stations before sending them to [globalset-data@raynet-hf.net](mailto:globalset-data@raynet-hf.net) for analysis.

### CW Mode

CW is included in this SET to increase the possibility of stations making contacts in difficult conditions and should be used when SSB or data contacts are proving impossible. There will not be any HQ stations for CW, CW stations should operate near the CoA frequencies when SSB traffic cannot be heard.

CW stations must send the same format as used for voice messages and not exceed 15wpm. If necessary CW messages can be relayed through two other stations before sending them to [globalset-cw@raynet-hf.net](mailto:globalset-cw@raynet-hf.net) for analysis.

## Conclusion

A log sheet for messages passed is provided at <http://www.iaru-r1.org/HFEmergOpProc.htm> so that analysis of the exercise will be easier. Stations are only required to submit logs of the messages relayed, not the messages themselves. Please send your logs with comments, pictures and suggestions for future exercises to; [globalset08@raynet-hf.net](mailto:globalset08@raynet-hf.net) as soon as possible after the SET and no later than 1st June so that a report of the event can be produced.

Thanks for your support of emergency communications.

Greg Mossop, G0DUB  
IARU Region 1 Emergency Communications Co-Ordinator