VOLUNTEEERS ACTIVATION

1. By DPC : for national emergencies
2. By Provinces : for local emergencies

WHAT DOES ACTIVATION IMPLY

1. For the volunteer : to keep salary and job
   For the employer : the reimbursement by Gouvernement
2. Remboursement of the costs paid during the emergency
3. Substitution of the CMN damaged equipments
4. Specific and additional insurance
Seismic emergency Central Italy

2016/2017
Critical Areas
Rischio vulcanico
First Emergency

24th August 2016
<table>
<thead>
<tr>
<th>Ora locale (CEST/CET)</th>
<th>Data</th>
<th>Magnitudo momento</th>
<th>Profondità ipocentro</th>
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Raggruppamento Nazionale Radiocomunicazioni Emergenza

“Ex parvis rivis magnum flumen” - http://www.rnre.eu
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L’Aquila 2009 : 70,000 inhabitants    300 victims
Amatrice 2016 : 5,000 inhabitants    300 victims
RNRE interventions analysis
• August 24th : 4 a.m. DPC alerts RNRE by phone

  **RNRE alerts**

1. Net 7060 Hf  (ended on august 27th)
2. By Whats Ap
   - CMN net
   - Emergency operative secretariat
   - Satellite net
   - Pactor net
5.30 a.m.  : departure mobile units from Arezzo and Rome

7.30 a.m.  : activity start up (ended on September 20th)
Setting up of:

• Satellite connections
• Wi-Fi connections
• VOIP connections
• Cartography download of Municipality areas
• Set up of 40 pc net
• Maintenance of VHF7UHF radio connections
Second emergency

October 30th, 2016
<table>
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<tr>
<th>Time</th>
<th>Date</th>
<th>Magnitude</th>
<th>Distance</th>
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October 30th       Cascia

• Activity starts at 8 a.m of October 30th 2016
• N°2 mobile units move to Foligno and Cascia
• C.O.C. support for emergency management
• Activity ends on January 22nd 2017
Activities carried out to support DNPC officiers

• Management of volunteers flow in the area
• Support to Public Order Forces for volunteers and security monitoring
• Management of fuel cards to the rescue mobile units
• Management of meals distribution
• Distribution of meals in the remote areas
• Radio activities: only on VHF/UHF in order to support mobile units
DICOMAC-Rieti

Command headquarter for complete management of operations
DICOMAC

Few RNRE volunteers were helping on:

Emergency software support for

- global management of the operative volunteers
- issue of the certificates for law benefits
Snow emergency

Starting from November in the same areas big snow with an average of 2 meters high collapsed electricity lines and isolated villages for many days and made the activities on the territory very difficult.

RNRE was still active using off-road vehicles
18th January

3 earthquake shocks over 5th degrees caused a sequence of avalanches and a complete destruction and rotation of the hotel in Rigopiano causing 29 victims.
8 peoples were found alive after several days of rescue activities.
RNRE activities in the 2016 seismic emergencies

Summary
Activities days: 118
1. Amatrice/Accumoli 24
2. Cascia 84
3. DICOMAC Rieti-Rome 10

• Volunteers 158

• Working days 748

• Vehicles 46
Emergency characteristics

For the first time

- Two important earthquakes within 60 days
- The concomitance of two disastrous events: Heartquake + Bad weather
- More than 50,000 shocks in 4 months
RNRE intervention characteristics: first emergency

• For the first time our volunteers have been called for technical operations in addition to our traditional radio connections:

1. Set up satellite telephony
2. Set up internet connection via satellite
3. Data net cabling
4. Informatic support
Second emergency

For the first time our volunteers have been called for

1. Management roles inside of C.O.C.
2. Interface the people in support/substitution of the municipalities roles
3. Operative secretariat duties in the C.O.C. as well in DICOMAC
For the first time during emergencies, we have tested the operative set up capability of the structures of the Raggruppamento, previously tested during GAREC exercises.

Specifically:
• Operative secretariat in emergency
• Activation system validity
• WhatsApp groups functionality
• Duty turns system
Conclusions
• The radioamateurs in their specific function have not been officially called

• RNRE has been called in force of his mobile national column of immediate intervention

• FNRASEC-France gave the availability to intervene in support with their mobile structures
Radio activities

• National headquarter radio station IQ1HR was active during the first 3 emergency days on HF to support the mobile units and inform on the emergencies status

• Installation of some RPT on VHF based on local request to help on civil frequencies groups of succourers

• Utilisation of radioamateurs RPT for communications to the mobile units moving in the area
Analysis of the radioamateurs role and effective utilisation on the big emergencies in Zone 1 / Europe

• Due to the development of the communication systems, internet, satellites, mobile telephone, succourers civil nets, our role for the sole radio communications is very low

• In the areas where the infrastructure development is still low, we can really play an important role (Nepal, Haiti..)
WHAT WE CAN DO ???
The technical and operative preparation of the radioamateurs can be useful to

1. Make available the wi-fi connection in the disasters areas
2. Local data net configuration
3. Strategical support as scouting operations in the beginning of emergency
4. Create civil radio nets for the others succourers

……….of course operating always as radioamateurs!!!
In conclusion we must be conscious that

• The radioamateurs are helpful, except some specific cases, for local emergencies, important demonstrations but not on the strategic roles in the big emergencies

 unless

They obtain the coordination function of the whole communication facilities for all succourers teams
NOT ONLY RADIO but COMUNICATIONS in the EMERGENCIES