

## Emergency communications in amateur and non-amateur radio service in the IARU region 1

Country	Region	Emcom organization	independent? <sup>1)</sup>	IARU Association	URL	used frequencies		remarks, supported organizations, cooperation with?	contact
						amateur	non-amateur		
Austria	EU	A.R.E.N.A.	no	OeVSV	<a href="http://arena.oevsv.at">http://arena.oevsv.at</a>	yes	no	At the moment only 1 of 9 official agreement with a regional government. Some local engagements only. Imbedded part of OeVSV, cooperation with officials only regional. No general agreements with public authorities or civ.prot. agencies or NGO's.	emcom@oevsv.at
Belgium	EU	B-EARS	no	UBA	<a href="http://www.uba.be/fr/uba/b-ears">http://www.uba.be/fr/uba/b-ears</a>	yes	no	Since 2009 part of UBA (natl. Amateur radio association).	b-ears@uba.be
Cech	EU	?	?		?	?	?	NO FEEDBACK UNTIL NOW! <sup>3)</sup>	?
Croatia	EU	RMZO (ex HRSVKS)	yes	(HRS)	<a href="https://www.facebook.com/radio.mrezazaopasnost/info">https://www.facebook.com/radio.mrezazaopasnost/info</a>	yes	yes <sup>2)</sup>	Commissioned directly by the central disaster management agency (DUZS) and the Croatian Red Cross (CRC). Partly equipped by DUZS. Operating the CEN (Croatian Emergency Network) on hf-radio with ALE. Active on 5 MHz also.	9a5ex@hamradio.hr
Cyprus	EU	CARES	?	CARS	<a href="http://www.cyhams.org">http://www.cyhams.org</a>			NO FEEDBACK UNTIL NOW! <sup>3)</sup>	cars@cyhams.org
Denmark	EU	?	?	DER	<a href="http://www.edr.dk">http://www.edr.dk</a>	?	?	NO FEEDBACK UNTIL NOW! <sup>3)</sup>	?
Finland	EU	TURVA	no	SRAL	<a href="http://www.sral.fi/turva">http://www.sral.fi/turva</a>	yes	no	TURVA is one sector of activity under national league and maintains country-wide emcomm network by volunteer ham operators. It co-operates with Voluntary Defence Training (MPK). Communication assistance to Red Cross-led Voluntary Rescue Service (VAPEPA) in also organized under SRAL.	turva@sral.fi
Finland	EU	SRT	yes	SRAL	<a href="http://www.radioturva.fi">http://www.radioturva.fi</a>	yes	yes	Country-wide association specialised in emcomm. Co-operation between members and authorities as well as other domestic and international organisations.	jjyri.putkonen@iki.fi
France	EU	FNRASEC	yes	?	<a href="http://www.fnrasec.org">http://www.fnrasec.org</a>	yes	no	Commissioned directly by the national civil protection authority (Securite Civile). Support centers - called A.D.R.A.S.E.C. - in all provinces. President of FNRASEC is Pierre MERCIER	president@fnrasec.org
Germany	EU	DARC-Notfunkreferat	no	DARC	<a href="http://www.darc.de/notfunk">http://www.darc.de/notfunk</a>	yes	no	Agreements in 7 (out of 16) countries with regional governments and some local authorities and / or organizations like Red Cross or THW.	dj9oz@darc.de
Germany	EU	Notfunk-Deutschland	yes	DARC	<a href="http://www.notfunk-deutschland.de">http://www.notfunk-deutschland.de</a>	yes	no	Contracts with parts of the German Red Cross, mainly in Hessen only.	info@notfunk-deutschland.de
Great Britain	EU	RAYNET	yes	RSGB	<a href="http://www.raynet-uk.net">http://www.raynet-uk.net</a>	yes	yes	Complement and backup of official and public telecommunication systems in disaster situations. Part of the national civil protection plan! Raynet is a 'User Service' by law which is supporting the British Red Cross, St. John Ambulance and other organizations.	Tel.: +44 (0)303 040 1080 <a href="http://www.raynet-uk.net/main/com.asp">http://www.raynet-uk.net/main/com.asp</a>
Greece	EU	HARES	no	RAAG	<a href="http://www.raag.org/category.asp?ITMID=8&amp;LANG=EN">http://www.raag.org/category.asp?ITMID=8&amp;LANG=EN</a>	yes	no	Supports the civ.prot. authorities with amateur radio as backup. Official position and working desk inside the main headquarters and inside the operation departments of governmental EmCom of Greece. Also public service	Tel: +30 210 5226516 Fax: +30 210 5226505 Cellular: +30 693 2671602 email: oea@raag.org
Holland	EU	DARES	yes	VERON	<a href="http://www.dares.nl">http://www.dares.nl</a>	yes	no	Agreement with the national civil protection authority. Fix embedded in the national concept of civil protection. Working with operator-owned equipment on amateur frequencies only.	via website only!
Hungary	EU	RKSZ	no	MRASZ	<a href="http://www.mrasz.hu/english/index.html">http://www.mrasz.hu/english/index.html</a>	yes	no	No general collaboration agreement with the state administration in the moment. Actual preparing the cooperation with the government.	hegyi_lorand@hotmail.com
Iceland	EU	ICE-SAR / IRA	yes	IRA	<a href="http://spori.is">http://spori.is</a>	yes	yes	Supports the civ.prot and homeland security in collaboration with IRA. Volunteer unit within Landsbjörg. Using Landsbjörg assigned frequencies as well as amateur frequencies. The group has been active over a decade and has provided first comm service to the United Nations and others in natural disasters.	ingolfur@spori.is
Ireland	EU	Raynet-Ireland	yes		<a href="http://www.raynetireland.org.uk/">http://www.raynetireland.org.uk/</a>	yes	no	Complement and backup of official and public telecommunication systems in disaster situations. Active in the boarder areas to GB (Northireland) in collaboration with Raynet-UK. Part of natl. Civ.prot.plan.	info@raynetireland.org.uk
Ireland	EU	AREN	no	IRTS	<a href="http://www.aren.ie">http://www.aren.ie</a>	yes	no	Complement and backup of official and public telecommunication systems in disaster situations. Part of "Framework for Emergency Management" – the natl. civ.prot.plan in Ireland.	ei7ig@aren.ie
Italy	EU	RNRE	yes	ARI	<a href="http://www.rnre.eu">http://www.rnre.eu</a>	yes	yes	Commissioned directly by the Dipartimento Nazionale Protezione Civile (DNPC). Partly equipped by DNPC. Locations throughout Italy. Members are regional or national engaged emcom groups in Italy - but no individuals.	segreteria@mre.eu or Presidenza@mre.eu
Malta	EU	MARL	no	MARL	<a href="http://www.9h1mrl.org/EmComTeam.htm">http://www.9h1mrl.org/EmComTeam.htm</a>	yes	no	Commissioned directly by the Civil Protection Department (CPD) MARL-Emcom OP's are accepted as NGO and have to backup the public communication in large or crisis events.	ivan.privitera@gmail.com Phone: +356-79437808
Norway	EU	NRRL	no		<a href="http://nrnl.no/sambandsjenesten">http://nrnl.no/sambandsjenesten</a>	yes	yes	Commissioned directly by the Life-Science-Forum (FORF) NRRL is a member of the volunteer organization Life Science Forum (FORF), a union of NGO's serving the norwegian public.	sambandsjenesten@nrnl.no
Poland	EU	SP-EMCOM	no	PZK	<a href="http://emcom.pzk.org.pl/">http://emcom.pzk.org.pl/</a>	yes	no	Existing agreement with the governmental departement of civil protection since 1999. Upcoming negotiations with the government for the intensification of cooperation in emcom. As a result 'SP-EMCOM' is part of the new formed 'National Network for Crisis Communication' called "SPEC". UPDATE May 2013: <a href="http://www.southgatearc.org/news/june2013/ham_radio_emergency_communications_in_poland.htm">http://www.southgatearc.org/news/june2013/ham_radio_emergency_communications_in_poland.htm</a>	sq6iyr@pzk.org.pl
Portugal	EU	SCERA	no	REP	<a href="http://www.rep.pt/scera/">http://www.rep.pt/scera/</a>	yes	no	Commissioned directly by the national department of covil protection. This group have signed agreements of cooperation with Civil Protection of Portugal and participate in regular exercises.	?

Senegal	AF	ADRASEC	yes	ARAS	<a href="http://www.senrasec.org/">http://www.senrasec.org/</a>	yes	no	Working with the Rescue Coordination Center (R.C.C.) of Dakar and Senegal Air Force and with the Ministry of interior about security civil emergency communications. Close cooperation with ARAS as the IARU association in Senegal as well with the FNRASEC in France.	ADRASEC, P.O.Box 1532 – Mbour, Senegal senrasec@arc.sn Tel: +221.33.957.51.86
Slovakia	EU	A.R.E.S.	no	SARA	<a href="http://www.szr.sk/ares/ENG/index.htm">http://www.szr.sk/ares/ENG/index.htm</a>	yes	no	Supports the civ.prot. authorities with amateur radio as backup. Structured organisation of A.R.E.S. in all parts of Slovakia, but unstructured members without any special training and exercises.	ares@cq.sk
Slovenia	EU	ZRS	no	ZRS	<a href="http://www.hamradio.si/">http://www.hamradio.si/</a>	yes	no	ZRS has a contract with the administration for civil protection and disaster relief of Republic Slovenia and provides 13 regional and one national level hamradio teams. Local teams have their own contracts with the local administration. Since five years hamradio clubs are equal with firefighters and other volunteer rescue teams.	zrs-hq@hamradio.si
South Africa	AF	HAMNET	no	S.A.R.L.	<a href="http://www.hamnet.co.za/">http://www.hamnet.co.za/</a>	yes	?	HAMNET is the emcom wing of S.A.R.L.	
Spain	EU	REMER	yes	UBE	<a href="http://www.proteccioncivil.org/rememer">http://www.proteccioncivil.org/rememer</a>	yes	yes	Commissioned directly by the ministry of interior, dept. for civ.prot. REMER (Red Radio de Emergencia) is the official emcom support unit with tasks throughout the country in 41 regions.	?
Spain	EU	GRT	yes	?	<a href="http://www.proteccioncivil.net/pages/12-grup--radio-transpirenaic-grt.html">http://www.proteccioncivil.net/pages/12-grup--radio-transpirenaic-grt.html</a> <a href="http://ts3lleida.ucoz.com/">http://ts3lleida.ucoz.com/</a>	yes	no	Active only in few regions of Spain. <b>No further information.</b>	?
Sweden	EU	FRO	yes	SSA	<a href="http://www.fro.se">http://www.fro.se</a>	yes	yes	Supports the civ.prot and homeland security in collaboration with SSA. Volunteer unit within the swedish army. Using FRO assigned frequencies as well as amateur frequencies.	fro@fro.se
Switzerland	EU	IG-Notfunk	no	USKA	<a href="http://www.uska.ch/index.php?id=notfunk">http://www.uska.ch/index.php?id=notfunk</a>	yes	no	Few agreements with part of USKA in few swiss counties only. Supports only regional independent counties. Actually no general solution, but highly sought.	emergency@uska.ch
Turkey	EU	TRAC	no	TRAC	<a href="http://www.trac.org.tr">http://www.trac.org.tr</a>	yes	yes	As a member of the natl. Communication service group direct collaboration with the civil defense authorities. Supports the natl. Red Cross - Red Crescent societety, as well as firebrigades and the health authority. Experiences at various deployments in earthquake situations as well as intl. exercises at home and abroad. Partly equipped by civ.prot.	Aziz SASA Ta1e@tmail.com

**Changelog:**

Date	Changes
2012 - Feb. 2014	initial version, collecting data through websites and / or direct correspondence
29.05.14	update for Germany provided by the natl. Emcom coord.
29.05.14	update for Austria, some layout improvements
07.07.14	updates for Malta, Greece, Italy, France, Turkey, Hungary, Croatia, Ireland - provided by the natl. Emcom-coords.
10.07.14	some layout improvements.
13.07.14	update for Senegal provided by the natl. Emcom coord.
14.07.14	update for Finland provided by the natl. Emcom coord.
15.07.14	update for Iceland provided by the natl. Emcom coord.

Remarks:
1) = means independant from the natl. IARU society.
2) = including 5 MHz amateur radio frequencies.
3) = means no feedback until now on request for information

In almost all surveyed countries amateur radio service is highly accepted and imbedded in natl. emcomm plans as a qualified servicepartner, supporting federal civil defense or disaster management or organizations like Red Cross and Red Crescent. Whether embedded or standalone, there are agreements about the nature of collaboration on different levels.

© Wolf HOELLER, OE7FTJ  
Mail: wolf.oe7ftj@gmail.com