

Emergency communications in amateur and non-amateur radio service worldwide

Country	Emcom organization	independent? *)	IARU Association	URL	used frequencies		supported organizations, cooperation with?	notice	contact
					amateur	non-amateur			
Australia	RECOM	yes	x	http://www.wia.org.au/members/emcom/recom/	yes	no	Radiocommunications arm of the Australian Red Cross	The service will be handled by only 13 volunteer op's nationwide. Operating via Pactor, provides only long-range links via hf-radio in amateur radio bands for the RC.	?
Australia	EMCOMNET	yes	WIA	http://www.wia.org.au/newsevents/news/2011/20110830-1/index.php	yes	no	Red Cross and other requiring agencies.	Association of RECOM and parts of WICEN. Does the service for all authorities and institutions. Using the existing infrastructure of RECOM.	
Australia	WICEN	yes	x	http://www.wicen.org.au	yes	no	Several authorities in parts of Australia.	Direct collaboration under the disaster management plan in some parts of Australia.	
Brazil	RENER	yes	x	http://rener-sm.blogspot.com/	yes	?	Red Cross and Defesa Civil in Brazil.	Not nationwide, but in areas with higher population density. Maybe new setting up in the near future.	
Canada	CFARS	yes	x	http://cfars.ca	yes	yes	Volunteer emergency communications service for Canadian Forces and governmental agencies national and abroad.	Similar to MARS in the USA. Growing more and more to a backup system with several voice and data networks. Main focus is the area north of lat 60°. Operated by volunteers for the Canadian Forces. The op's are mainly non military personnel.	
Canada	ARES	no	RAC	http://www.rac.ca/en/rac/public-service/ares/	yes	no	Acts as a liaison organization and consultative body to municipal, provincial and federal governments and its appropriate departments in matters concerning the Amateur Emcom Service.	ARES is an embedded part of the natl. IARU member RAC. Coordination with CFARS on amateur frequencies.	
India	NIAR	no	NIAR	http://www.niar.org/	yes	no	Supports all levels (municipal, regional, federal) of disaster management.	The service is provided on amateur radio bands with amateur radio operators in case of disasters.	
Philippines	PARA	no	HERO	http://www.para.org.ph/EmComm.htm	yes	no	The serviced agency is the 'National Disaster Risk Reduction Management Council' (NDRRMC) under terms of an agreement.	The service is provided on amateur radio bands with amateur radio operators in case of disasters.	?
South Africa	HAMNET	no	SARL	http://www.sarl.org.za/public/hamnet/hamnet.asp	yes	no		Close collaboration with official civil protection authorities under agreements.	?
Thailand	RAST	no	RAST	http://www.qsl.net/rast/http://www.rast.or.th/	yes	no			

USA	ARES	no	ARRL	http://www.arrl.org/emergency-communications	yes	no	Close collaboration with FEMA in all states and other agencies.	Many agencies and NGO's are serviced. ARES has strong structures and several levels of additional education and training. Well accepted in the society as a public communication service in disasters and beyond.
USA	RACES	yes	x	http://www.usraces.org/	yes	no	Close collaboration with FEMA in all states and other agencies.	RACES stands for "Radio Amateur Civil Emergency Service," a protocol created by the Federal Emergency Management Agency (FEMA) and the Federal Communications Commission. A non growing org.
USA	SHARES	yes	x	http://www.dhs.gov/shares	no	yes	Public and private agencies. Aprox. 160 members, including MARS, Red Cross, federal depts and private companies, etc.	Closed hf network on dedicated frequencies. Formerly part of NCS, now part of Dept. Homeland Security.
USA	MARS	yes	x	http://www.netcom.army.mil/mars/ http://navymars.org/ http://www.marsregionone.org/index.html http://www.marsregionone.org/InterOps/Tri-Svc.html	no	yes	US-Army, Air Force, Navy and Marines.. Sponsored by US-American Forces.	Worldwide hf-radio network in voice and pactor for non-military (private, health&welfare) traffic in the US-army, navy and air force. Dedicated frequencies and callsigns. Nowadays focussing on disaster communications worldwide.

Changelog:

Date	Name	Changes	Email
2012 – Feb. 2014	Wolf Hoeller, OE7FTJ	initial version	wolf.hoeller@gmail.com