



Deutscher Amateur-Radio-Club e.V.
(DARC)



Emergency Communications Committee

Hamradio in Germany statistics and authorities

- **67.500 Hamradio operators in Germany**
- **Political competence:**
Federal Ministry of Transport and Digital Infrastructure
- **Regulating agency:**
Bundesnetzagentur
- **Democratic Representation of Radioamateurs:**
Runder Tisch Amateurfunk (RTA)



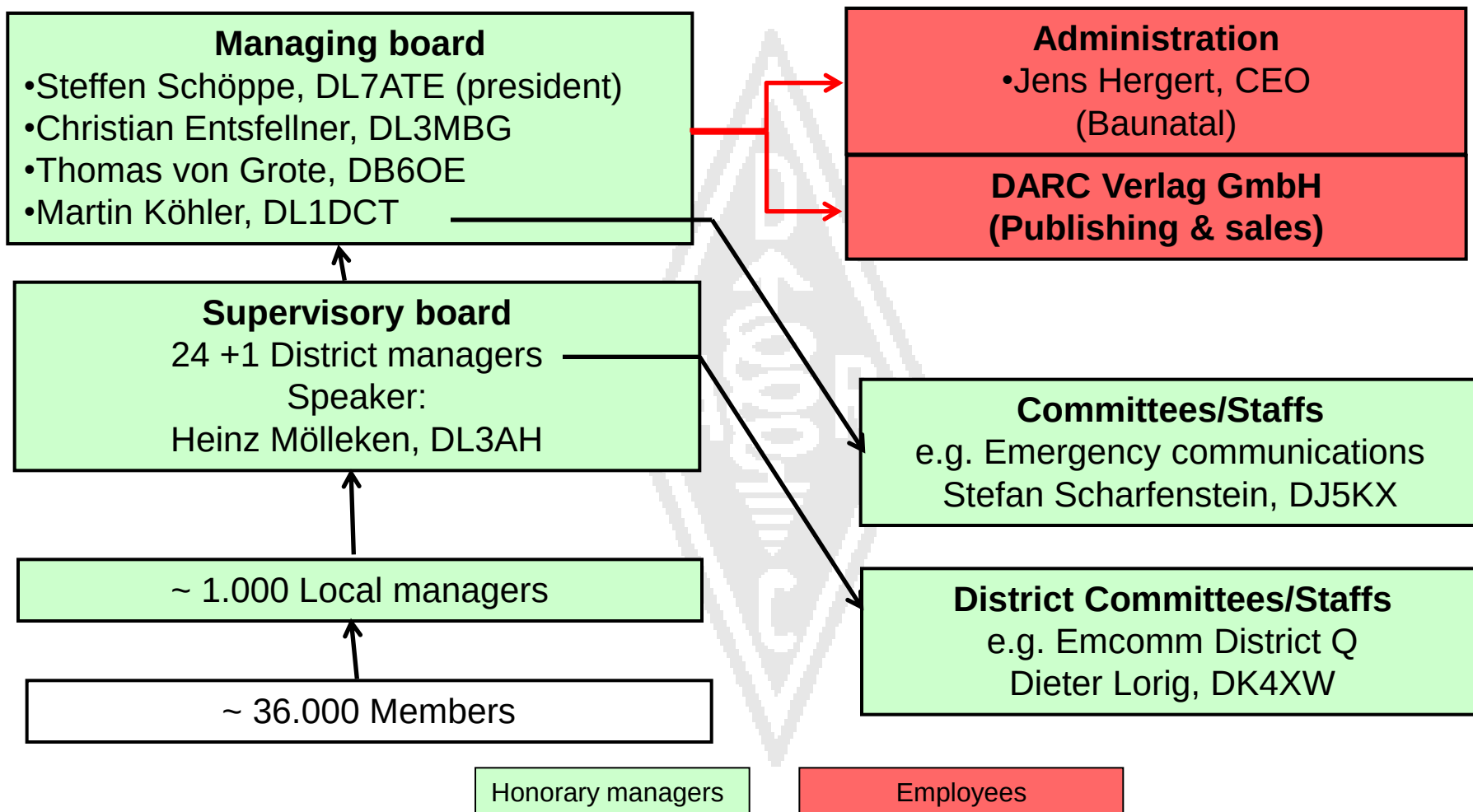


Deutscher Amateur-Radio-Club e.V. (DARC)



- **Largest Hamradioclub in Germany**
- **Member of IARU**
- **Chairman and secretary of RTA**
- **35.600 Members**
- **24 Districts**
- **> 1.000 local branches**
- **Headquarter in Baunatal near Kassel**
with fultime and parttime employees
- **2 commercial companies**
- **Associated Club: VFDB e.V.**

DARC structure





- **Stefan Scharfenstein**
DJ5KX
Committee manager



- **Hans-Peter Greil**
DJ1CC
**Deputy south &
Emcomm Winlink net**



- **Michael Becker**
DJ9OZ
**Deputy north &
international affairs**



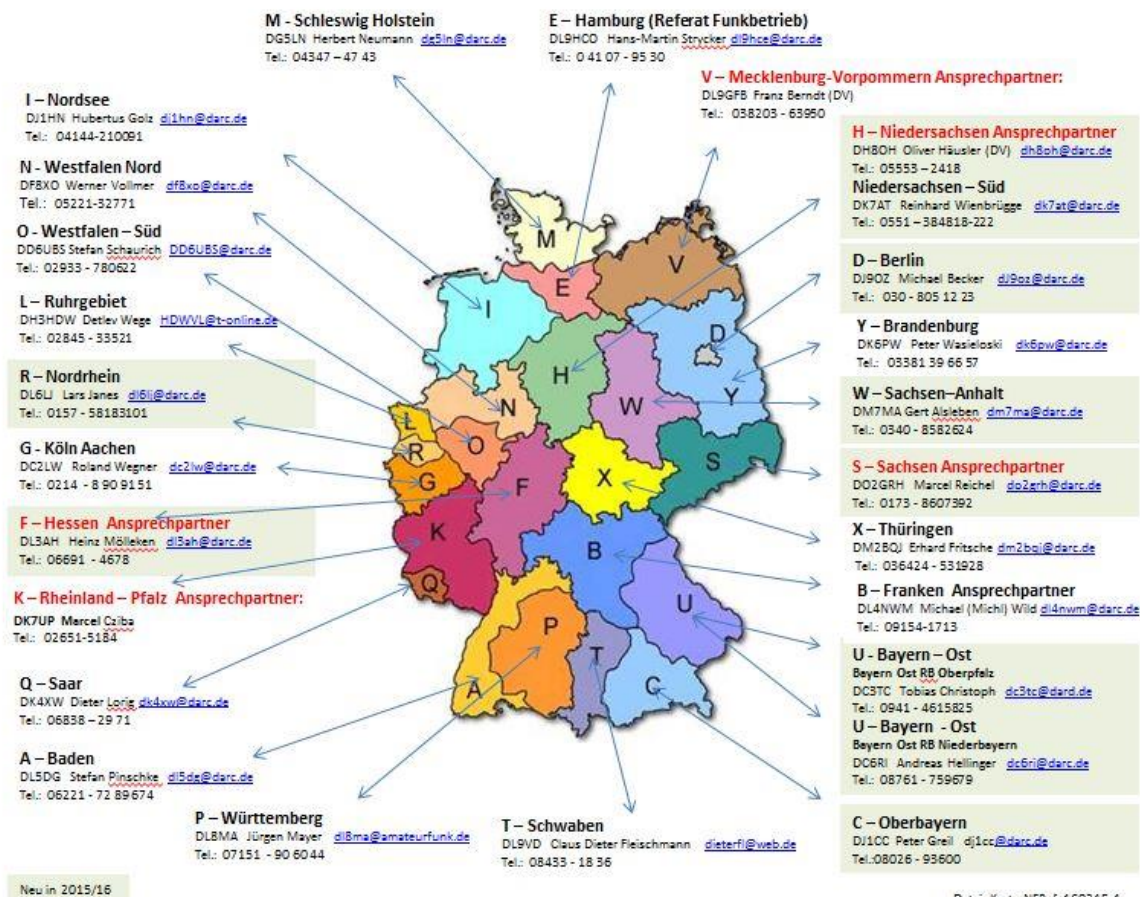
- **Anton Oeder**
DG4AO
**Emcomm SSB net &
bulletin broadcast**



- **Peter Wasieloski**
DK6PW
IT & Webmaster

DARC

Emcomm district managers





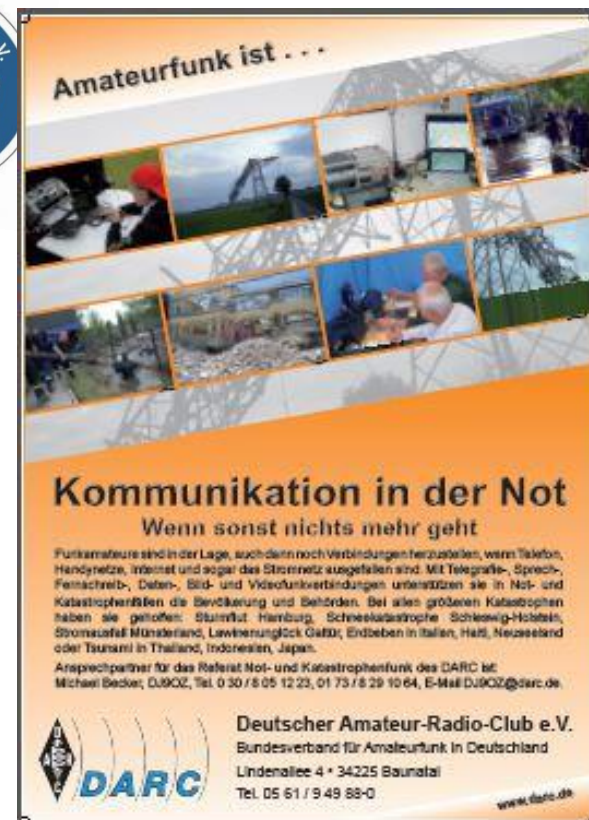
DARC emcomm committee Activities



- **Emcomm news broadcasting and test**
Monthly newsbulletin: 1st Friday 80m/SSB:
Retransmission via VHF-repeaters & Distribution via Winlink 2000-net
- **Emcomm manual (Notfunk-Handbuch)**
- **Co-ordination & internal communication**
Annual workshop of committee & district managers
Internal mailinglists & phone conferences
- **Internet**
Public mailinglist with > 400 subscribers
Emcomm news via website of DARC, committee site and facebook
- **Other public relations activities**
Monthly column „Notfunk“ in CQ-DL (Clubmagazine)
Booth at HAMRADIO, Ham-Rally & lectures „Notfunk-Universität“
Booth at FUNK.TAG Kassel (future)
„Fan-Shop“ (posters, flyers, logo, stickers, pins, banners, pads)
Special DOK for Emcomm-clubstations (NOT...)



DARC Emcomm committee Fan-Shop





Other clubs and groups involved in Emcomm Radio



- **Notfunk Deutschland e.V.**
active in Rhein-Main area
co-operation with AFCD
- **Amateurfunk Club Deutschland e.V. (AFCD)**
member of EURAO
active in Cologne area
co-operation with Notfunk Deutschland
- **Notfunkteam Wuppertal**
active in Wuppertal area
- **AG Not- und Krisenkommunikation e.V.**
activities ?
fund raising



Safety authorities and organisations

Behörden und Organisationen mit Sicherheitsaufgaben (BOS)



– Bundesbehörden

- Bundespolizei
- Zoll
- THW

– Landesbehörden

- Länderpolizeien
- KatS

– Kommunalbehörden

- FW

– Rettungsdienste

- DRK
- ASB
- MHD
- JUH
- DLRG

Federal authorities

Federal police
Customs
Federal agency for technical relief

State (province) authorities

Police
Disaster protection and response

Local (county/community) authorities

Firebrigades

Ambulance and social services

Red Cross
Workers' Samaritan Federation
Malteser relief
Johanniter relief
Water rescue



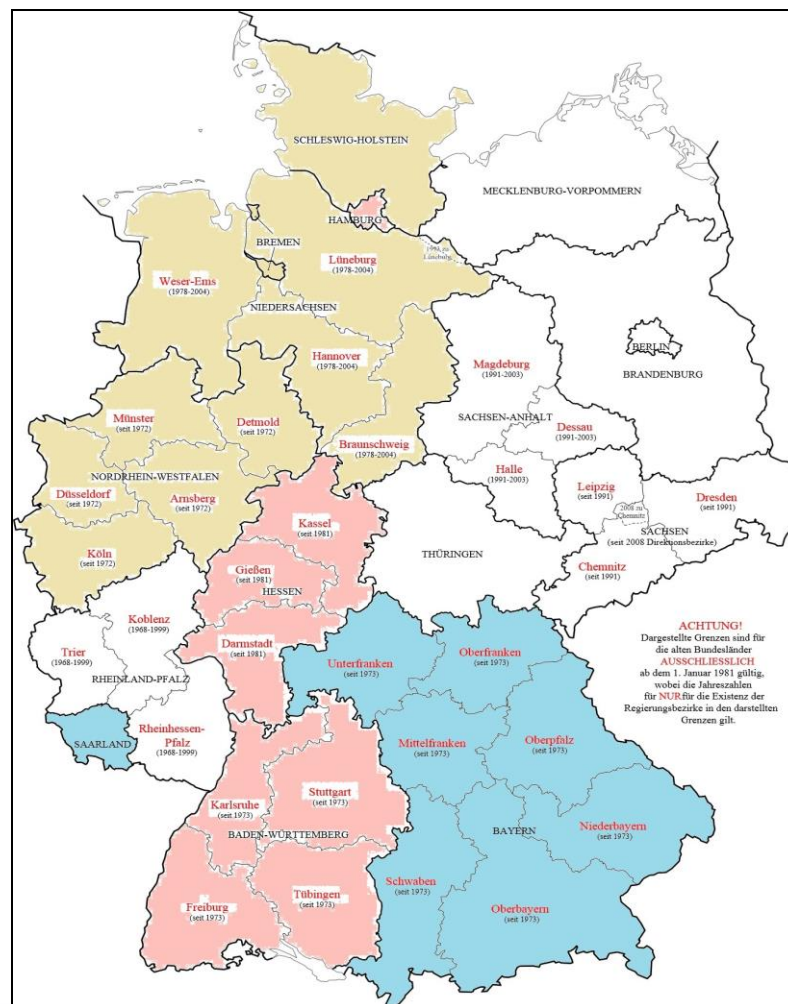
DARC Emcomm committee Cooperations with authorities



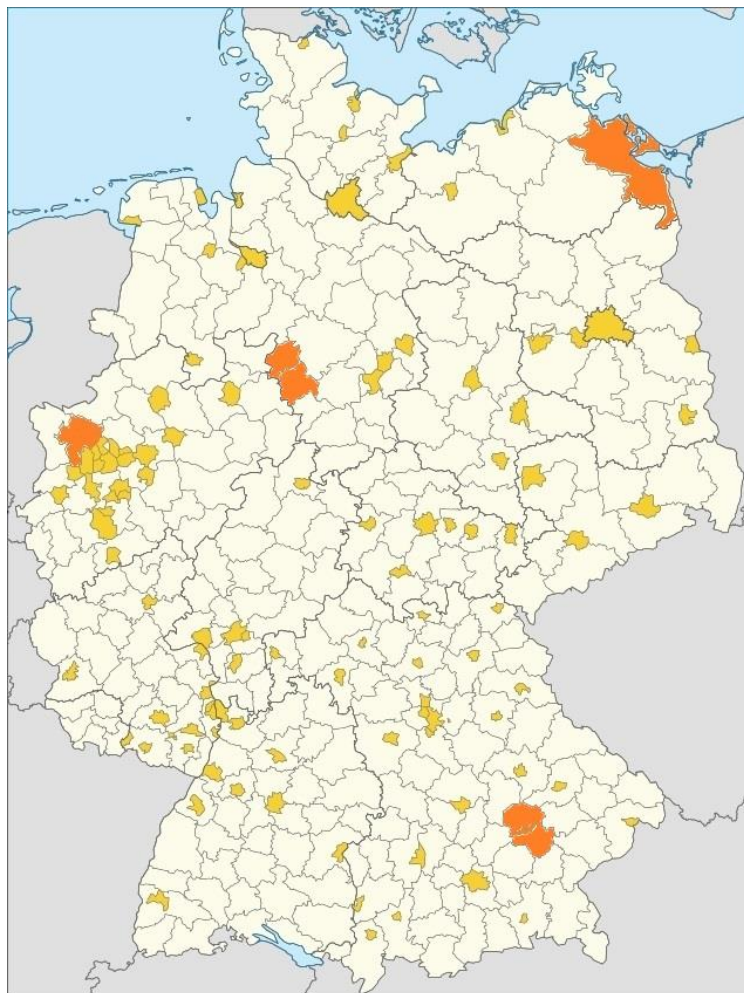
- **Memoranda of Understanding 1982-84 with 9 States for co-operation in case of emergency**
- **Renewing of MoU between 4 Bavarian DARC-Districts with Bavarian Ministry for Interior July 2009**
- **Renewing of MoU between DARC-District Saarland with Ministry for Interior Saarland 2014**
- **Signing first MoU with THW Bavaria 2014**

DARC Emcomm committee

Cooperations with State Ministries of Interior



Cooperation with counties



-  Cities outside counties
-  Emcomm-groups imbedded in county disaster response



DARC Emcomm committee

Contacts international



- **IARU**
Infoexchange IARU-R1-Emcom-Co-ordinator
- **FNRASEC/ADRASEC (France)**
boardercrossing cooperation and training (regional)
- **OeVSV/ARENA (Austria)**
Infoexchange about Hamnet/Winlink and training (regional)
- **TRAC (Turky)**
Radiolink for THW-volunteers to DL
- **PARA/Hero (Philippines)**
Sponsoring PACTOR-Modems

Referat Not- und Katastrophenfunk Kontakts international

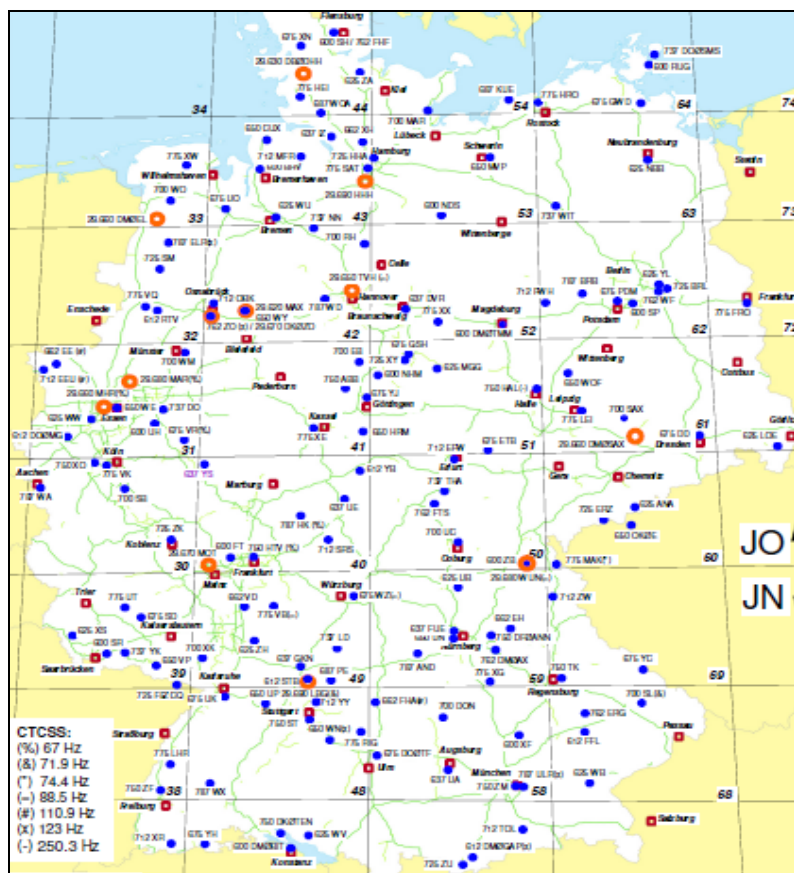


**Thanks for Funding TNCs
Philippines**

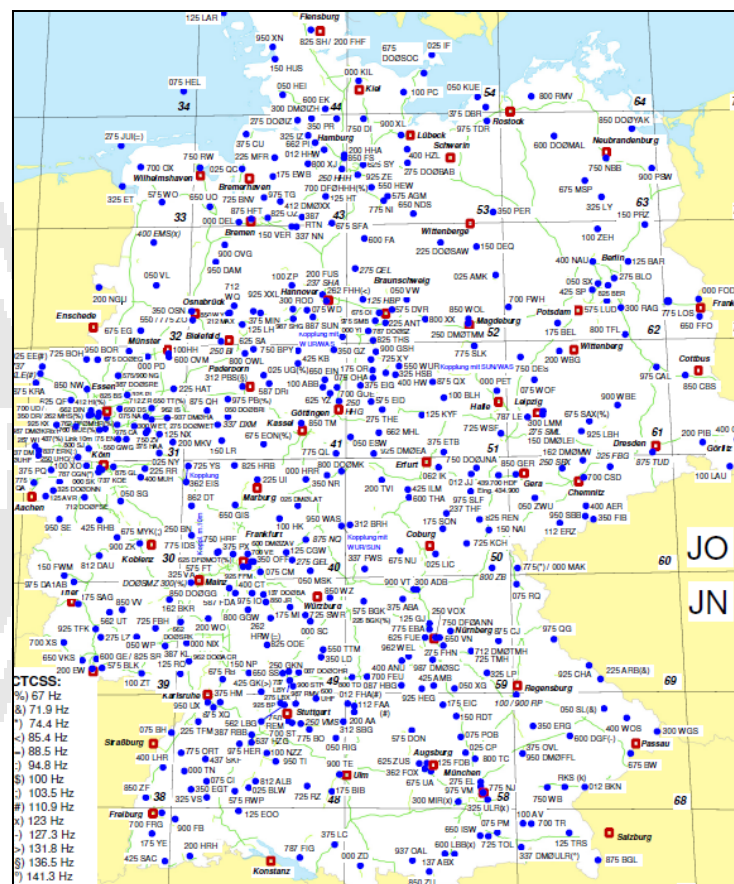


**THW-volunteers in
Turkey**

Hamradio FM repeaters



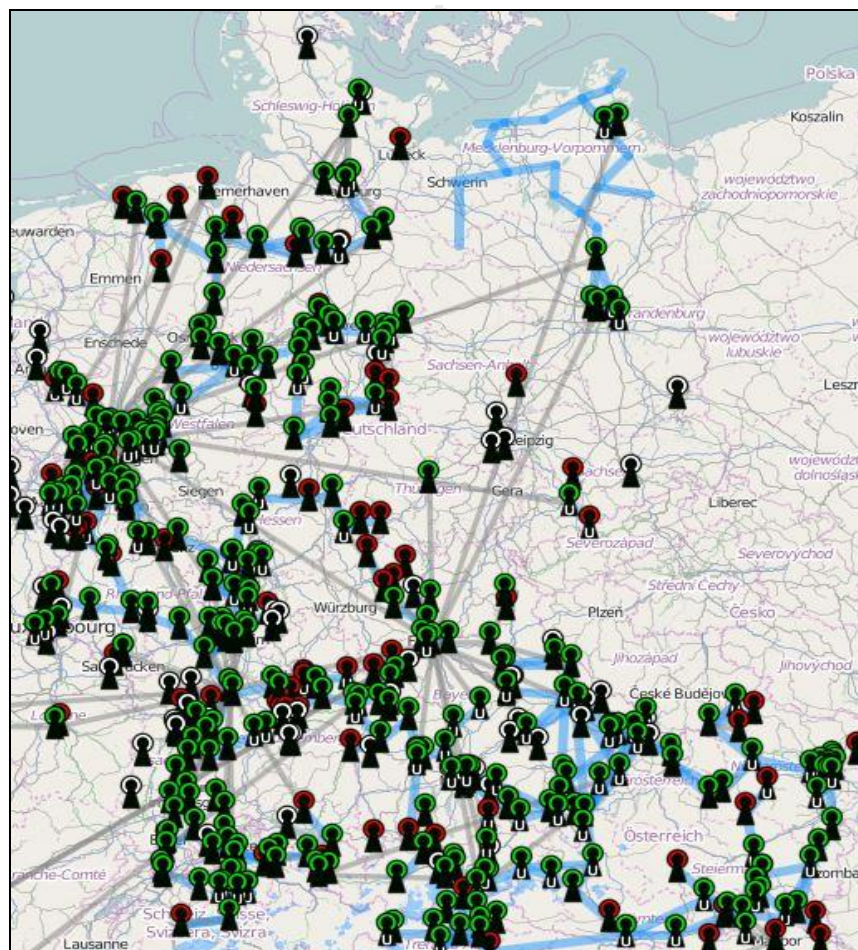
2 + 10 m - Repeaters



70 cm - Repeaters

2,4 + 5 GHz

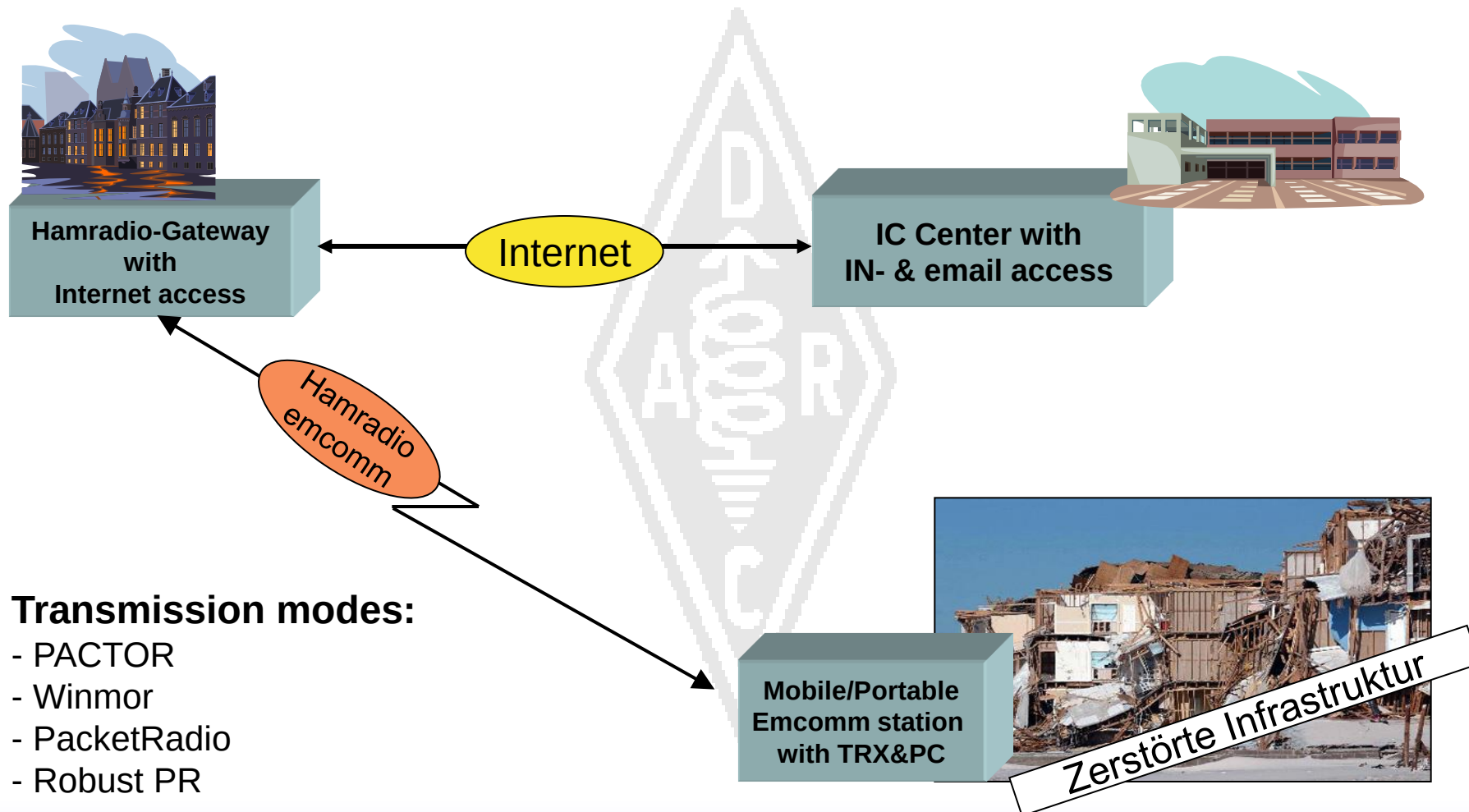
Digital
Hamradio-
WLAN-Net



Spectrum:

10/20 MHz

Email-/ Datatransmission to / from destroyed areas via Winlink 2000-net



Transmission modes:

- PACTOR
- Winmor
- PacketRadio
- Robust PR



Thank you for your attention

**Emergency
Communications
Committee
of DARC**

Additional informations :

<http://www.darc.de/referate/notfunk/>