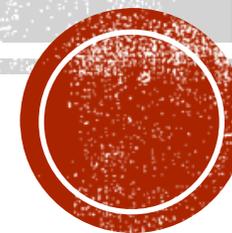# BRANDMEISTER NETWORK

Artem R3ABM
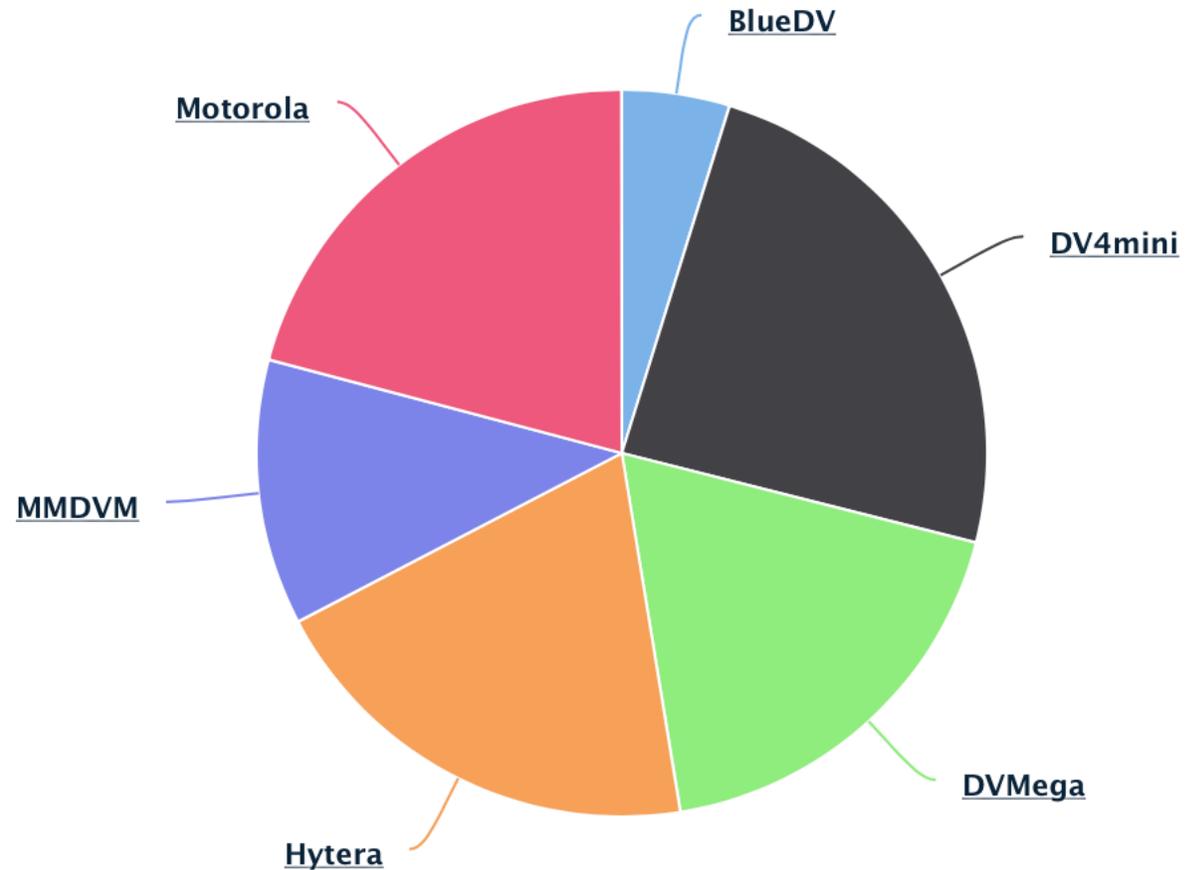
Denis DL3OCK

HamRadio 2016

INTRODUCTION

- BrandMeister Network is brand new radio-amateur DMR network, it was born in 2015 as a result of cooperation between digital hams from Russia, Germany, Italy and the Netherlands.

- BrandMeister DMR Server is a basic building block of the network, it was invented by R3ABM in June 2014 in Germany at exhibition HamRadio 2014. Name of BrandMeister is a result of playing with forms of sentence "brand new master server" in German manner.

- Initially we had an idea to make our own server software that can cover all our requirements including support of different equipment (such as Hytera and Motorola), software (c-Bridge and DMR+ S-Master) and networks (DMR+ and MARC).

- Most of members of core team are telecom professionals. Many things of modern telecom and Internet approach are under the hood.

http://www.cqdmrmap.com

NETWORK OVERVIEW

- 31 countries

- 36 servers (including testbeds)

- 450+ repeaters
  - 175+ Motorola
  - 168+ Hytera
  - 102+ MMDVM

- 400+ hotspots
  - 190+ DV MEGA
  - 200+ DV4mini
  - At least 2 - openSPOT :)

- 12000+ active users

- … we started at Nov 2015!

KEY EVENTS

- 27.06.14 – start of the project BrandMeister DMR Server (R3ABM)

- Aug 2014 – first QSO with R3ABM and DL3OCK

- Sep 2014 – Trial operations in Moscow, Russia (2501-RU)

- Oct 2014 – Got status of Motorola Application Developer

- Nov 2014 – Added support of Motorola's equipment

- Q1 2015 – Second site is in Berlin (2621-DE)

- Q1 2014 – Q2 2015 – Development is in active phase…

- June 2015 – BrandMeister DMR Server presended at HamRadio 2015

KEY EVENTS

- Sep 2015 – Italy joined to BrandMeister (222-IT)

- Nov 2015 – The Nederlands joined to BrandMaster (2041-NL)

- Dec 2015 – Multiple issues in colaboration with DMR+ Team

- Dec 2015 – BrandMeister Network was born

- Q1-Q2 2015 – Many countries joined, amount of repeaters is growing from 40+ to 400+

THE TEAM

- Development:
  - Artem R3ABM
  - Denis DL3OCK
  - Rudy PD0ZRY
  - Wijnand PD0MZ
  - Yentel ON3YH
  - Adam SQ7IRX
  - Jonathan EA1HET
  - Alexey R2AEE

- European steering:
  - Artem R3ABM
  - Denis DL3OCK
  - Rudy PD0ZRY
  - Giacomo IW7DZR
  - Jose EA1EE

- American steering:
  - Tim K6BIV
  - Aaron N5VAE
  - Robert N5QM

- Global support:
  - Rudy PD0ZRY
  - Artem R3ABM

- Partners:
  - Guus PE1PLM
  - Jonathan G4KLX

PROJECT STRUCTURE

BrandMeister DMR Server (R3ABM)	MySQL Database		Dashboard and self-care at DSTAR.SU (R3ABM)
FirePump Back-End Data Proccessor (R2AEE)	Mosquitto Queue Broker	Profile APIs (EA1HET)	Dashboard (PD0ZRY)
Hose Line (PD0MZ)	Configuration Files	Master APIs (PD0ZRY)	Brand New Dashboard Project Halligan (PD0ZRY & ON3YH)

R3ABM Talk Preferences Watchlist Contributions Log out

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DMR Master Server

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Belgium
Canada
Denmark
Finland
France
Germany
Italy
Poland
Portugal

Main Page

This wiki is used for storing all info and documentation about BrandMeister.

Keep in mind that not all information is here yet. This wiki is still being worked on

What is BrandMeister   [edit]

- We are a decentralized network
- Every master has his own Master Server Manager Manager. A list of all managers can be found here
- We encourage the use of homebrew equipment

Read more about BrandMeister

BrandMeister Services   [edit]

- Official BrandMeister Dashboard
- Hoseline (Online Talk Group Streaming)

This page was last modified on 12 June 2016, at 15:02.

This page has been accessed 34,541 times.

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🎧 Last Heard
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User Dashboard

INDUSTRIAL REPE... **341** Full report ➔
HOMEBREW REPE... **100** Full report ➔
DV4MINIS **174** Full report ➔
HOMEBREW HOTS... **164** Full report ➔
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Map

Repeater in RX **5**
Repeater in TX **29**
External calls **4**

🎙 Hose line | 📡 Talk groups ▾ | 📊 Scanner | ❤ Online | ⚑ EN | BRANDMEISTER

Active calls in the last 5 minutes

Time	Duration	Call	Group
23:37:28	0s	▦ SQ9MUR (Maciek)	260042
23:37:24	6s	CT2HTM (Mario Osorio)	268
23:37:22	11s	M0NGT (Robert Hampson)	23522
23:37:21	7s	OH0BS (Bo Sundberg)	2440
23:37:21	12s	WB5RF (Richard Freker)	3148
23:35:29	2m4s	F4GRL (Yves)	937
23:37:23	1s	KK4ZNJ (Lucas S Brown)	3121
23:37:22	0s	HP2FHS (Francisco Hansck)	714
23:37:20	2s	M0NGT (Robert Hampson)	23522
23:37:20	1s	IK0SME (Gianluca)	23580
23:37:20	1s	IK0SME (Gianluca)	80
23:36:23	56s	M0NGT (Robert)	23522

Global activity

Welcome to hose line

Hose line is an online streaming platform for the HAM radio Digital Mobile Radio (DMR) Brandmeister network. The project is still under heavy development, so if you encounter bugs, please try again at a later stage.

© 2016 | 🐦 @pd0mz | f /HoselineDMR | ⚙ @BrandMeister | 💰 Make a donation

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R3ABM | Мой позывной | Мои узлы | Ham DMR | Push Service | Page Express | Моя почта | Track Spot

Регистр HamDMR

| DMR ID: 2503001 | Hytera | Русский | Off | R3ABM-? | 🏃 | 2503001 www.dstar.s | IP-адрес AN | USB | IP-IP | None |
| DMR ID: 2503002 | Motorola | Русский | 180 sec | R3ABM-! | 🚗 | 2503002 www.dstar.s | 44.188.131.: | Bluetooth | IP-IP | High |

✔ Сохранить