DAPNET FAQ Version 29.5.2016

*I have no account. How do I get one?*

Due to the reason that you can trigger amateur radio transmissions with your account, please apply for an account by emailing to [rwth-afu@online.de](mailto:rwth-afu@online.de) and provide some prove that you are a licensed amateur radio operator. Also give your Pager ID (RIC) as you can see here: HIER DAS BILD AUS DER TRANSMITTER-EINSTELLUNG einfügen.

*I emailed 10 minutes ago. No answer yet. How long does it take to get an account?*

We review the applications in our free time. So please be patient for some days.

*What is a callsign?*

A callsign is logical connection between a name (the callsign) and one or multiple RIC numbers.

*What is a transmitter?*

A transmitter is a device that puts the POCSAG signal on the air. There are many hardware configurations, like C9000, RasPager. Have a look at <https://www.afu.rwth-aachen.de/projekte/funkruf-pager-pocsag> .

*I cannot add a callsign or a transmitter.*

Due to abuse reasons, only admins can add callsigns or transmitters. Please contact [rwth-afu@online.de](mailto:rwth-afu@online.de)

*I want to add a transmitter to the network.*

Very nice. We like the network growing. Please send an email to [rwth-afu@online.de](mailto:rwth-afu@online.de) an give the following information:

* Callsign of the transmitter
* Location Latitude and Longitude (Please in decimal form, e.g. 50.12345)
* Type of transmitter: Widerage (> 1 watt) oder Personal (<= 1 watt, e.g. RasPager)
* Transmitter output power in watt
* Antenna type (omni or directional)
* Height of the antenna over ground (!), not above sea level
* Gain of the antenna minus cable losses in dBi
* Desired time slots (Please have a look here <http://www.hampager.de/#/transmitters/map> and find out, which timeslots in your neighborhood are already used.)

*I want to add a node to the network.*

Please send an email to [rwth-afu@online.de](mailto:rwth-afu@online.de) and give the following information:

* Amateur radio callsign.
* Location Latitude and Longitude (Please in decimal form, e.g. 50.12345
* Some reason, why it makes sense to add your node

Keep in mind that you need a stable HAMNET connection (44.0.0.0/8) to join the cluster network.

*I do not receive the rubrics on my skyper.*

Please activate your skyper on <http://www.hampager.de/#/rubrics> using the “Activate Rubrics” function. You have to provide your pager ID (RIC).

*I want to add a rubric to the network.*

Please send an email to [rwth-afu@online.de](mailto:rwth-afu@online.de) an give the following information:

* The desired name
* The content you want to provide
* The transmitter group you want to send out your data

*I want to send automated pages from third party sources.*

You can use the REST API to do so. Description here <https://github.com/DecentralizedAmateurPagingNetwork/Core/wiki/Beschreibung-der-REST-API>

*What is a timeslot?*

As all transmitters work on the same frequency, only one transmitter at a time can be active to avoid interference. This is why there are 16 timeslots (0 to F) assigned to each transmitter. If you operate a transmitter it is mandatory to have your clock synced by NTP. Otherwise you will destroy the network.

*How do I know which timeslots to use on a transmitter?*

Please have a look here http://www.hampager.de/#/transmitters/map and find out, which timeslots in your neighborhood are already used.)

*I want to get a plug-and-play hardware for a new transmitter site. Where can I get it from?*

There is an easy solution with GM1200 and a RasPi. If you like to get a 19” Rack, please send an email to [dh3wr@darc.de](mailto:dh3wr@darc.de) . An example can be found here <https://www.afu.rwth-aachen.de/projekte/funkruf-pager-pocsag/funkrufsender-19-zoll-mit-gm1200> .

*Where can I get a Skyper?*

We do not have any resources. Please help yourself.