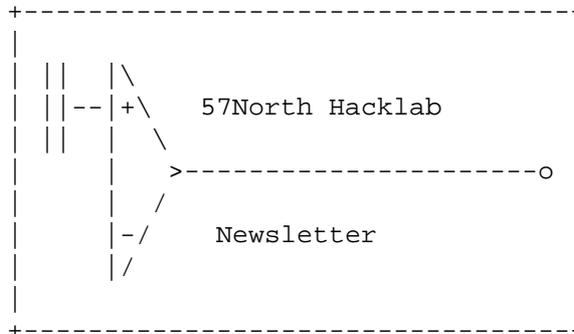


57North Hacklab Newsletter



July 2014

1. Welcome

Welcome to the monthly 57North newsletter. This is the first issue of this newsletter and it contains news about the space, news about projects and news about our members. It also contains a list of upcoming events for your diary.

If you would like something included in the next issue of the newsletter, please send an email to irl@fsfe.org.

2. Events: campGND

We went camping. It was rather enjoyable and we did even manage to get some hacking done. My biggest worry was that we weren't going to be able to get the wifi working and at first it looked like that was going to be the case but once we shortened the cable a bit between the house and the first wireless access point, the PoE managed to negotiate and hibby was already on Facebook before adventureloop thought he had started to set it up.

irl and hibby played around with packet radio a bit, but unfortunately were not able to hit the International Space Station. This was primarily due to soundmodem being awful and we're now using direwolf instead.

nordin built a projector screen that worked brilliantly, but unfortunately the projector seemed to draw too much power from the generator and it couldn't keep up so we weren't able to watch a movie.

A large amount of bacon was eaten all round and next year I'm sure we'll be even better prepared for some outdoor hacking (hopefully with better weather).

- campGND Website: <http://www.campgnd.com/>

3. *Projects: Radio*

Those that have been in the space recently or came to campGND will have noticed that radios have started to appear in the space. I primarily blame hibby for this, as they are hibby's radios.

Radios can be used to talk to other people with radios, but the definition of the word talk here can mean multiple things. We're quite interested in packet radio, sending data over the airwaves.

We've already experimented with receiving ADS-B traffic from planes to track them across the skies and we've sent APRS packets around the world through the local IGate.

Some projects we'd like to work on include setting up a permanent ADS-B tracker, a bi-directional IGate (the current one is receive only) and a radio BBS.

Speak to irl or hibby about these projects if you'd like to get involved. You will need to be licensed to use the radios we have in the space and the local radio club will be able to provide you with training and organise your exam for this.

- Local radio club: <http://aars.org.uk/>
- Radios wiki page: <https://57north.co/wiki/Radio>

4. *Upcoming Events*

Tuesday 8th July 2014

Cryptonoise @ The Illicit Still - 5pm to 7pm

Tuesday 8th July 2014

Open Night @ 57North Hacklab - 7pm to late

Tuesday 15th July 2014

Open Night @ 57North Hacklab - 7pm to late

Wednesday 16th July 2014

TechMeetup @ Meston Building - 6:30pm to 9pm

Tuesday 22nd July 2014

Cryptonoise @ The Illicit Still - 5pm to 7pm

Tuesday 22nd July 2014

Open Night @ 57North Hacklab - 7pm to late

Thursday 24th July 2014

AberLUG @ Ma Camerons - 7:30pm to late

Tuesday 29th July 2014

Open Night @ 57North Hacklab - 7pm to late

Tuesday 1st July 2014

Open Night @ 57North Hacklab - 7pm to late

Tuesday 1st July 2014

Cryptonoise @ The Illicit Still - 5pm to 7pm

You can see all the upcoming events for 57North Hacklab at <https://57north.co/calendar>.