

The background of the slide features a vibrant, stylized illustration of an underwater coral reef. The water is a deep blue, filled with numerous small, dark blue fish swimming in various directions. Large, colorful coral structures in shades of orange, red, and yellow-orange are scattered throughout the scene. A prominent feature is a large, circular logo in the upper right corner, containing a stylized red wave or swirl symbol. The overall aesthetic is artistic and organic.

EMF 2022

Infrastructure Review



Things you (hopefully) didn't notice



Site



Plant Vehicles



Utility Vehicles





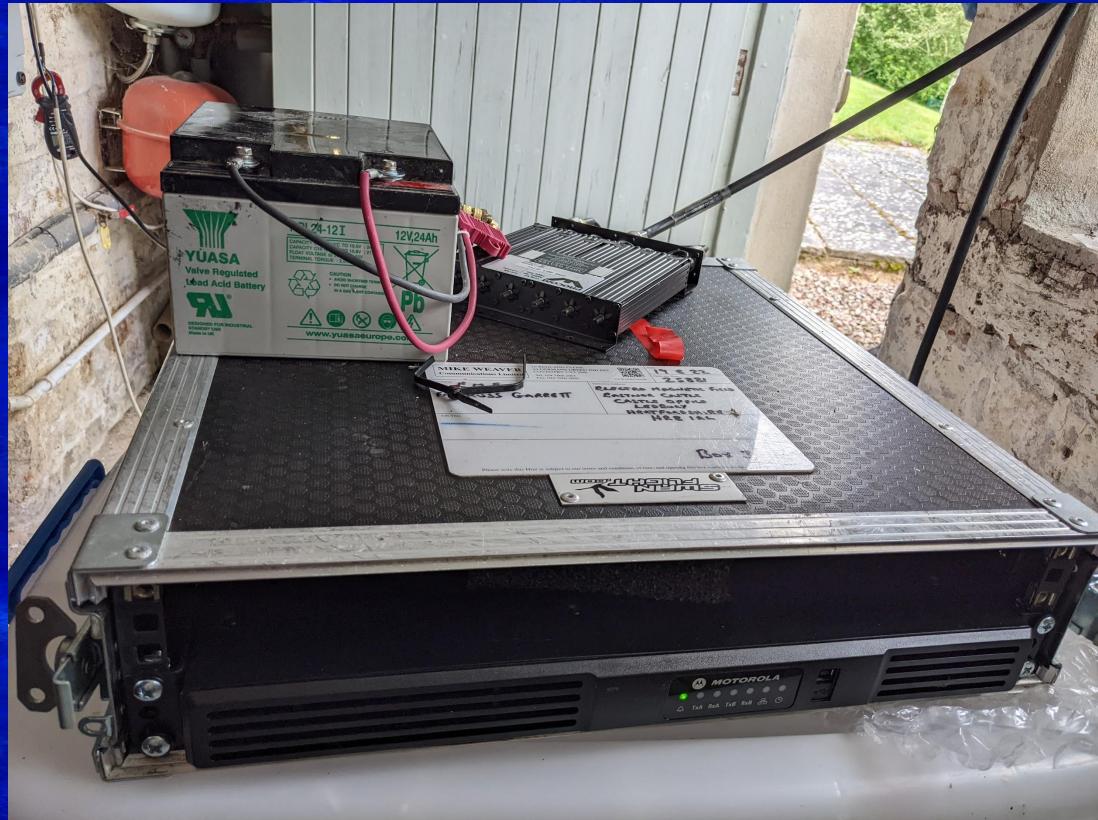
Plumbing



Festoon



Radios - First on site



Gas



Construction



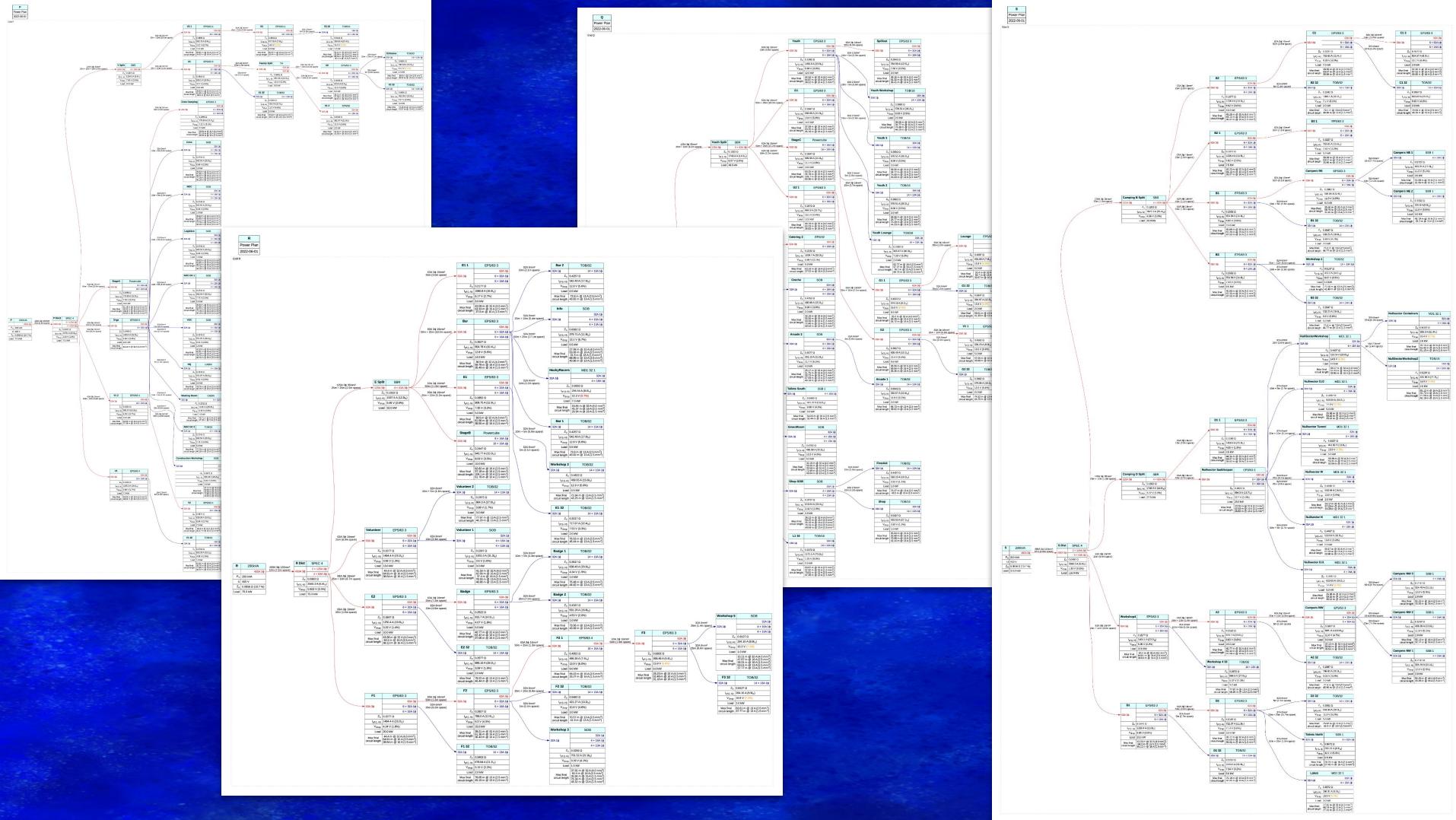
Better AA signs

Fewer random visitors

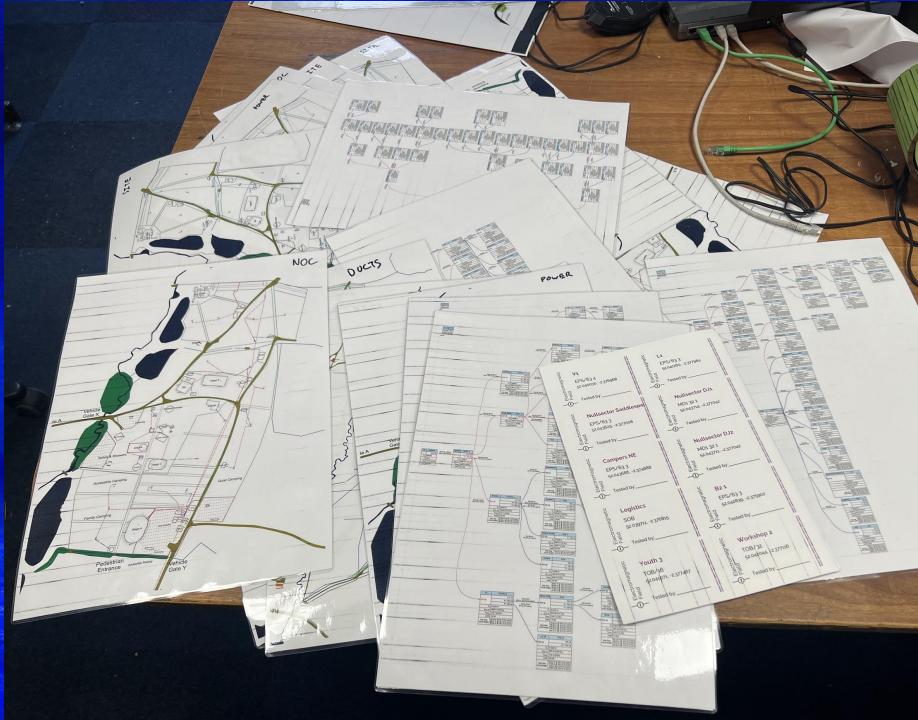




Power



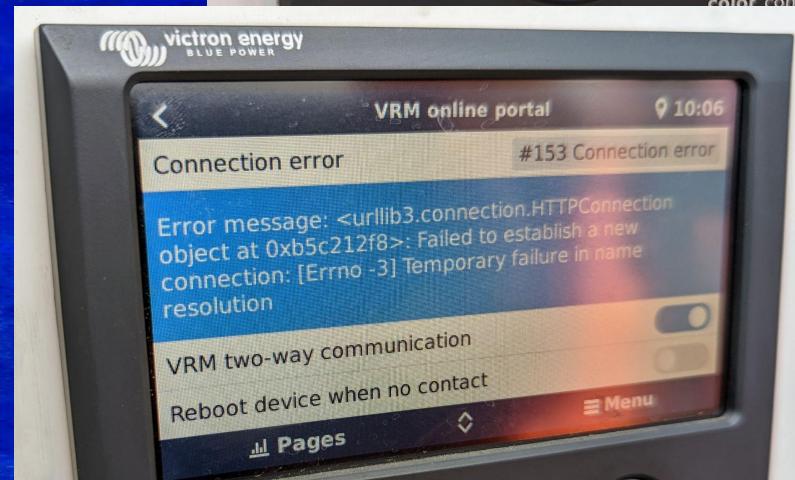
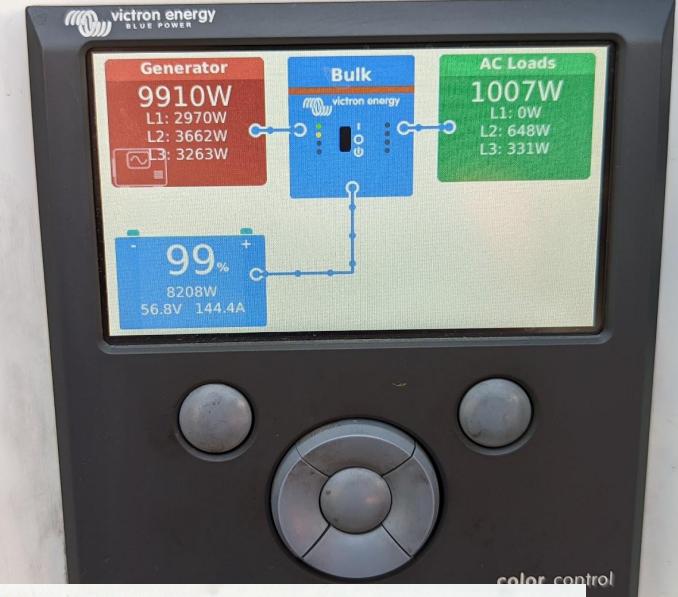
Grid planning maps and schematics



Build up power arrives with first 2000l of diesel



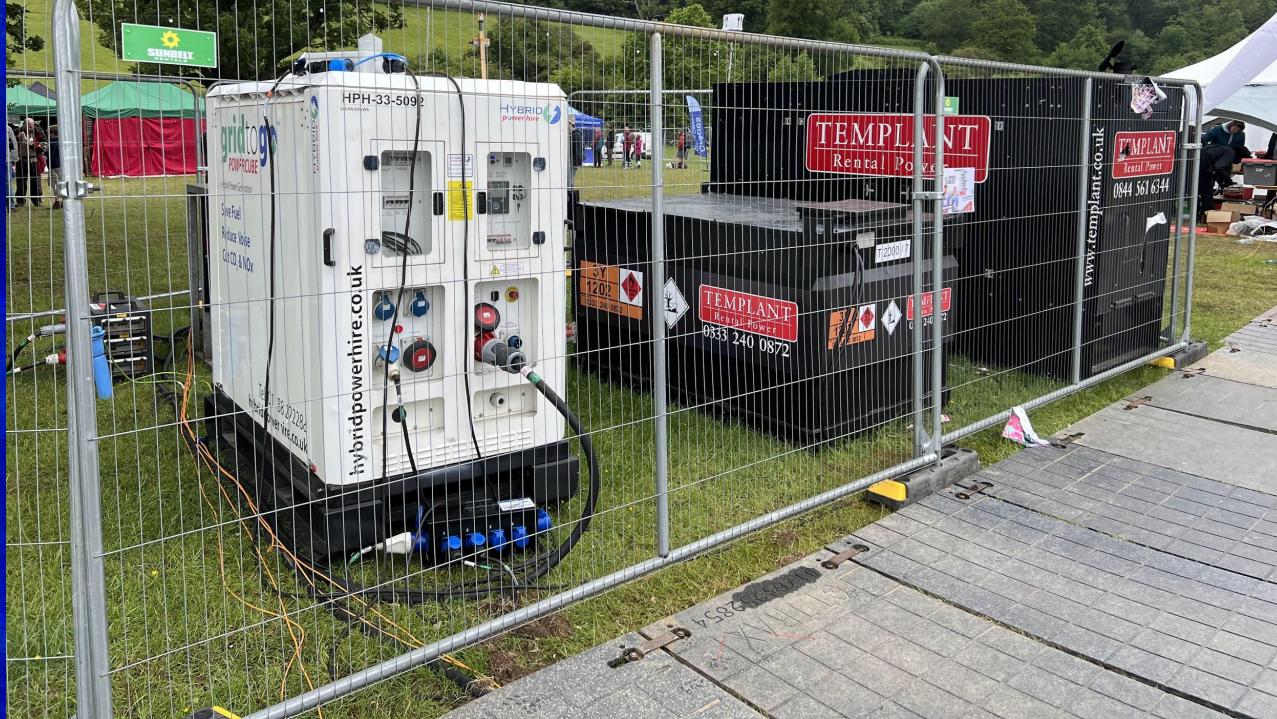
Hybrid Power (for buildup)



Main Power



Hybrid Power (during the event)



Testing the Grid(s)



Diesel 2016 - Fuel Shortage

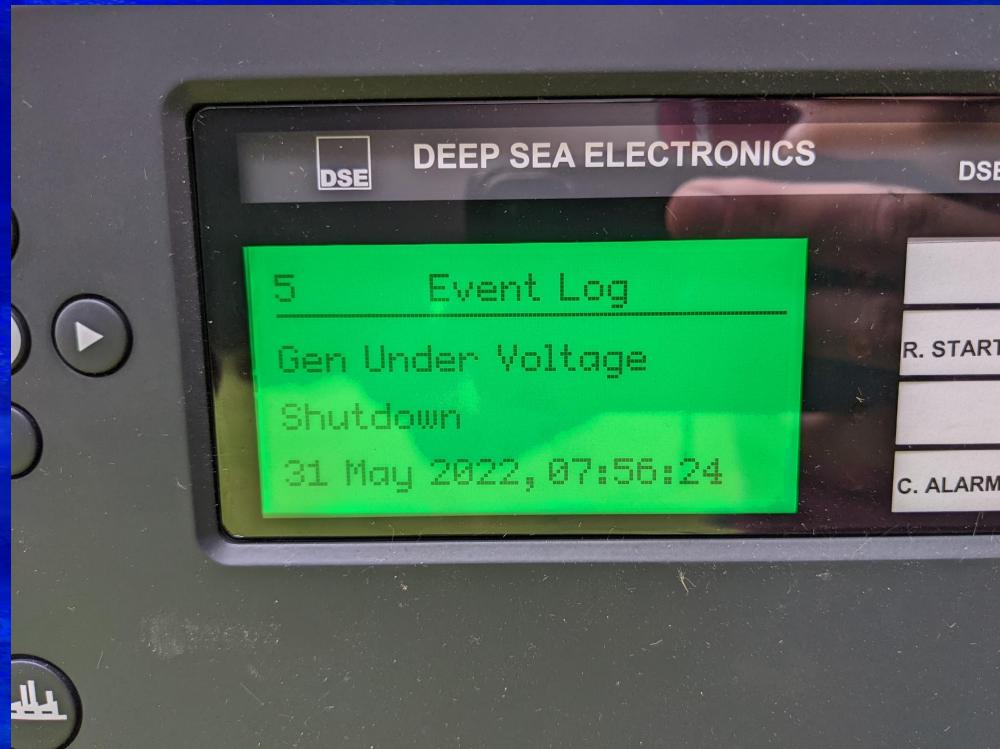
Diesel 2018 - 2000l tanks (arrived empty)



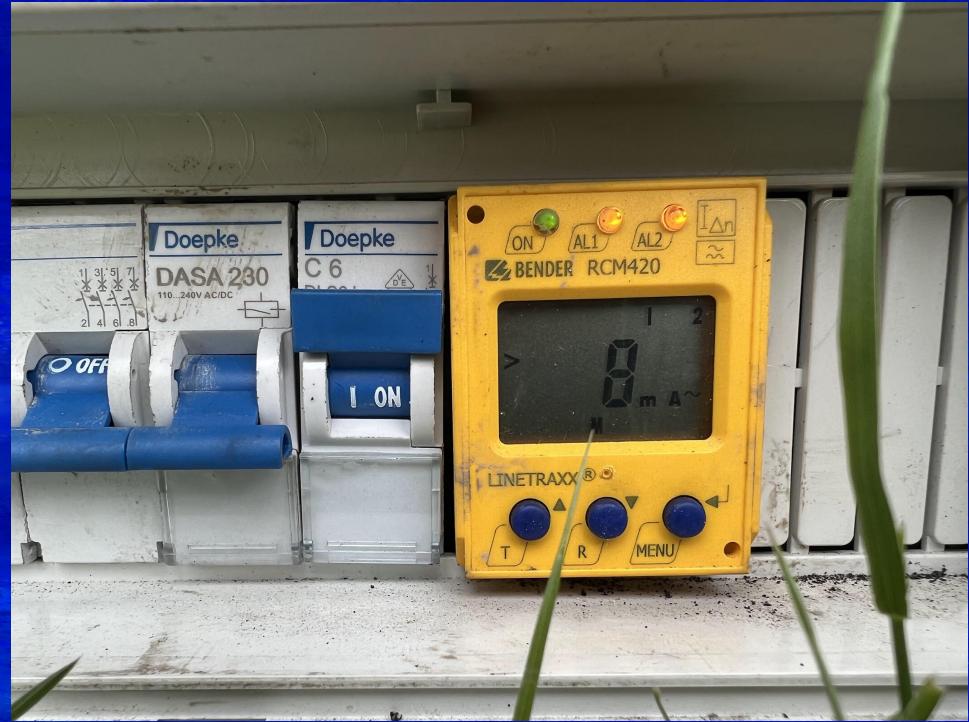
Diesel 2022 - More fuel problems



Generator Faults



Programming RCDs, which Null Sector tripped



Earth Testing

Electromagnetic Field 2022 Earth Electrode Testing Sheet

In accordance with test method E1, Guidance Note 8

Generator ID

TENT
PEG

Distance E-H 25 (min 10x electrode depth)

E-S	Distance (m)	Resistance (ohm)
40% E-H	10	582
50% E-H	12.5	583
60% E-H	15	585

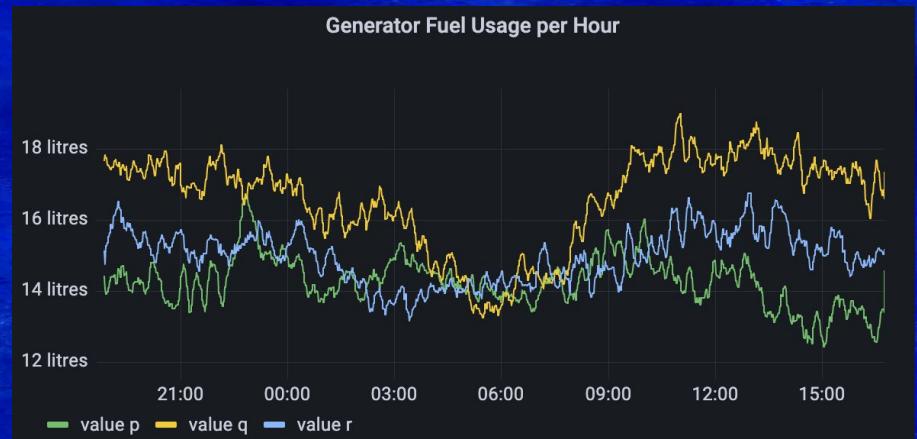
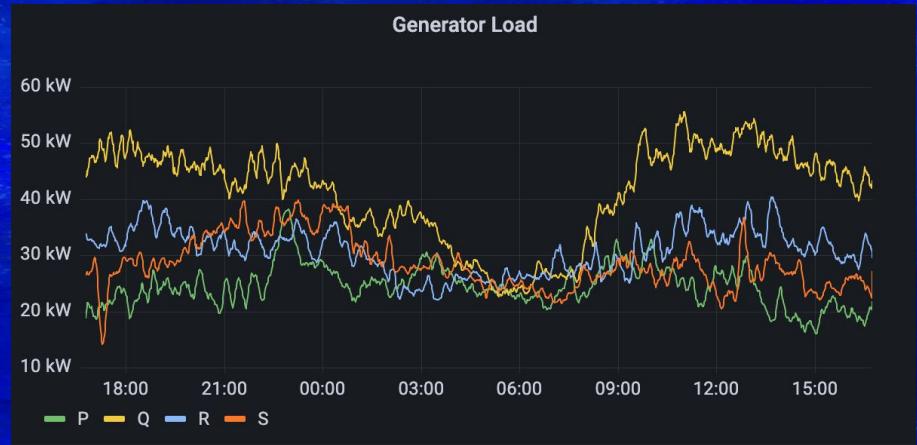
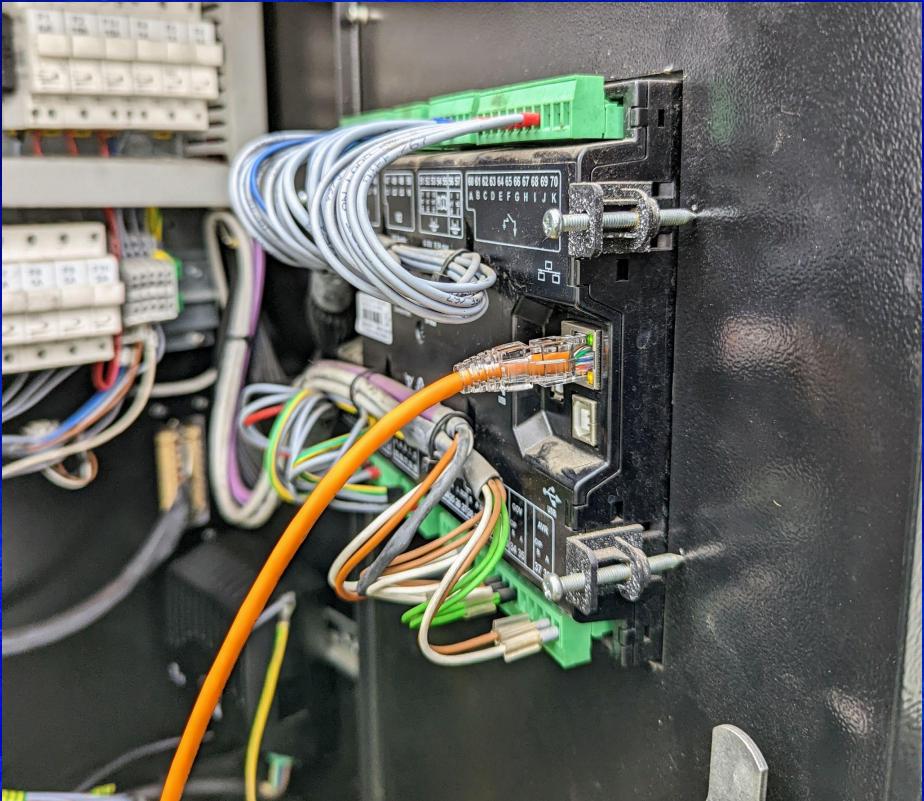
Electrode reconnected after test: ✓

Electrode under test: E

Potential spike: S

Current spike: H

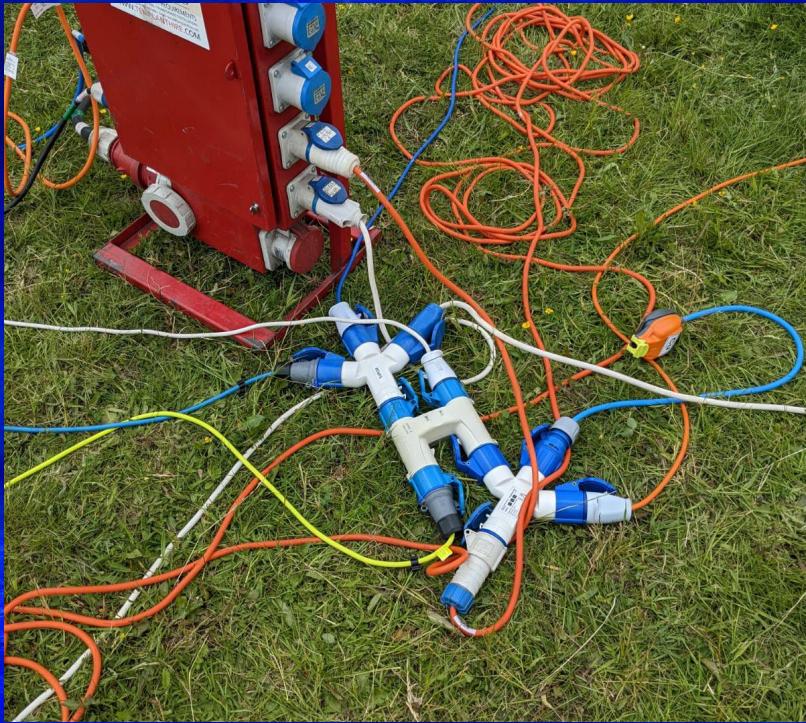
Monitoring



Least and most used Distro



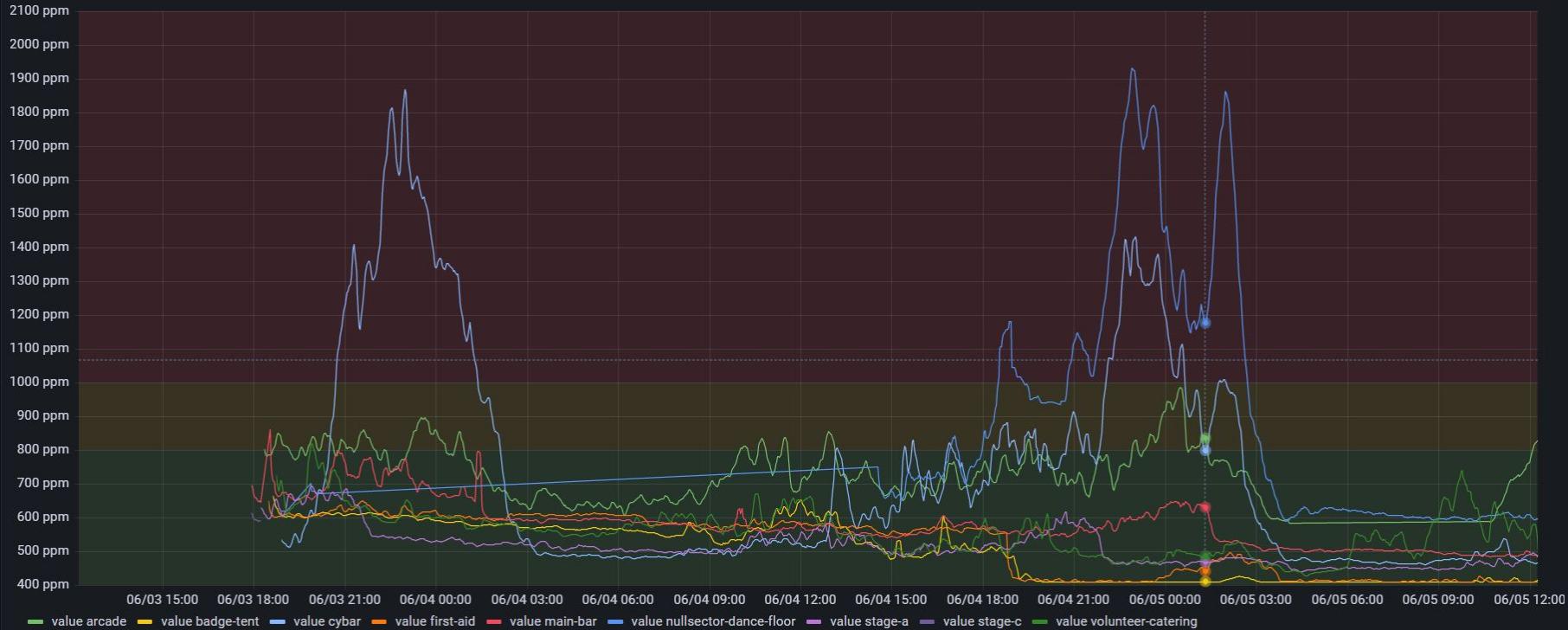
How not to Raygun



BS1363 plugs

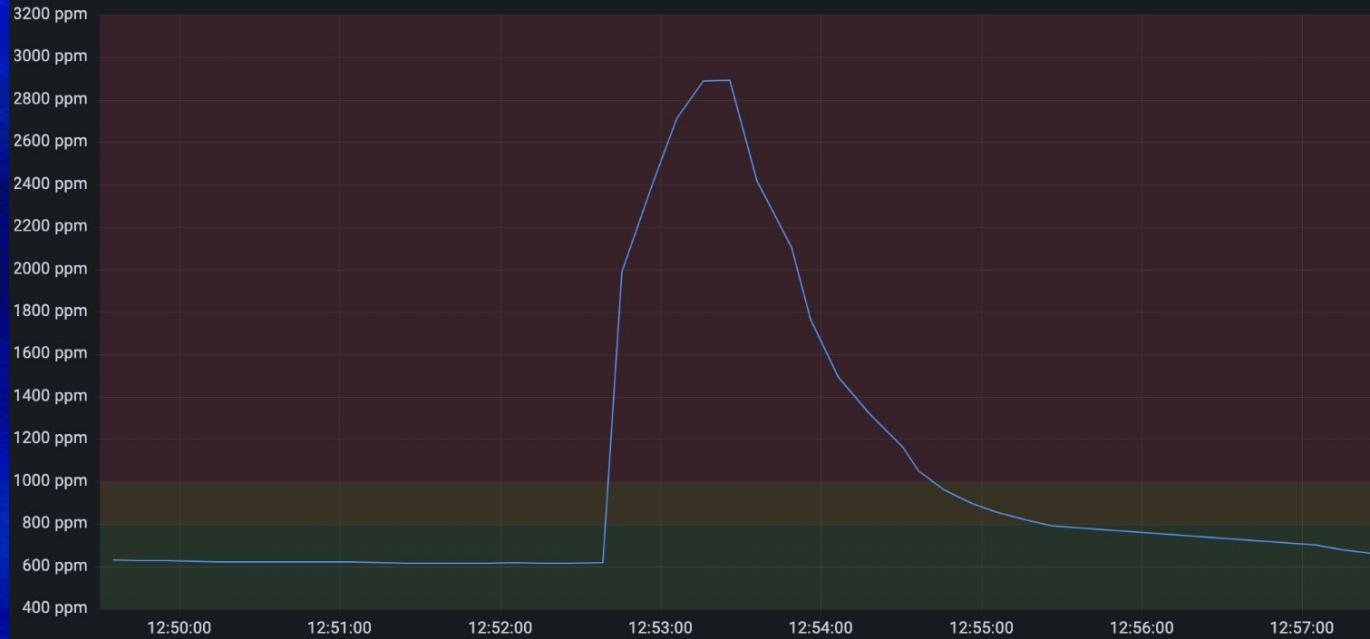


CO2 ▾



CO2 monitoring

CO2

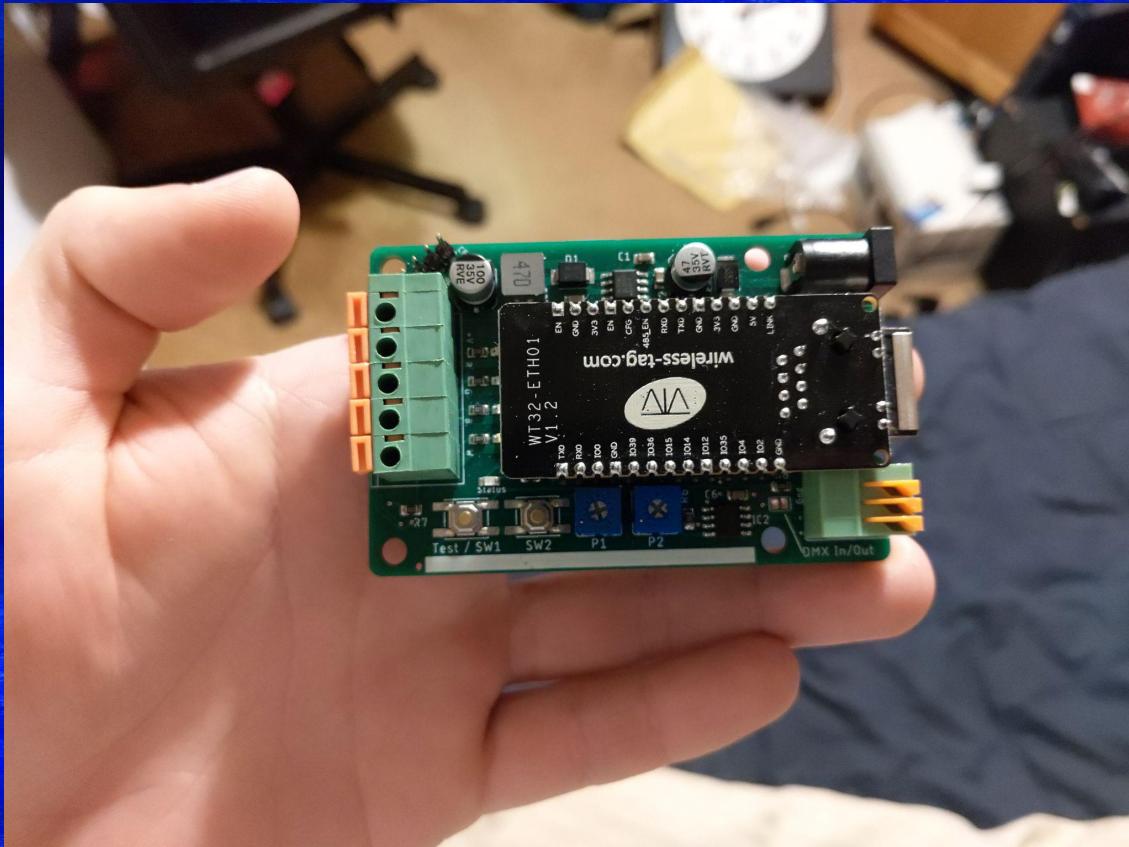


Turns out CO2 sensors are affected by fog machines

A stylized underwater illustration featuring a dense coral reef. The reef structures are rendered in black silhouettes against a dark blue background. Interspersed among the corals are numerous small, glowing blue fish. In the upper left quadrant, a large school of these blue fish swims in a circular pattern. A single, larger blue fish is positioned in the lower right quadrant. The overall aesthetic is minimalist and graphic.

Lighting

Pole Toppers (Tent Markers)

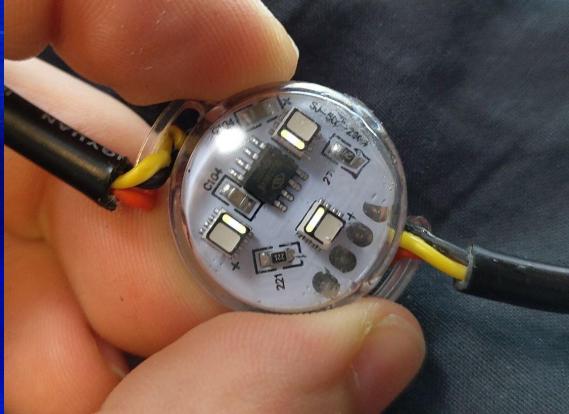


Pole Toppers (Tent Markers)

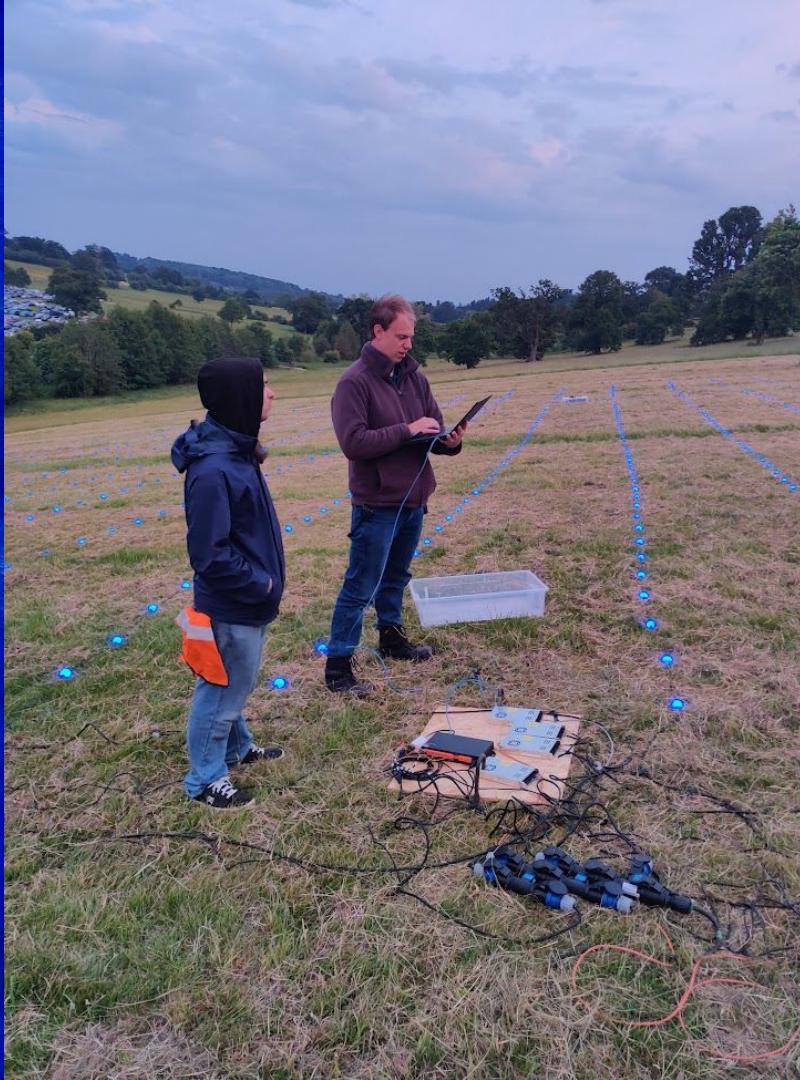
EMFlx

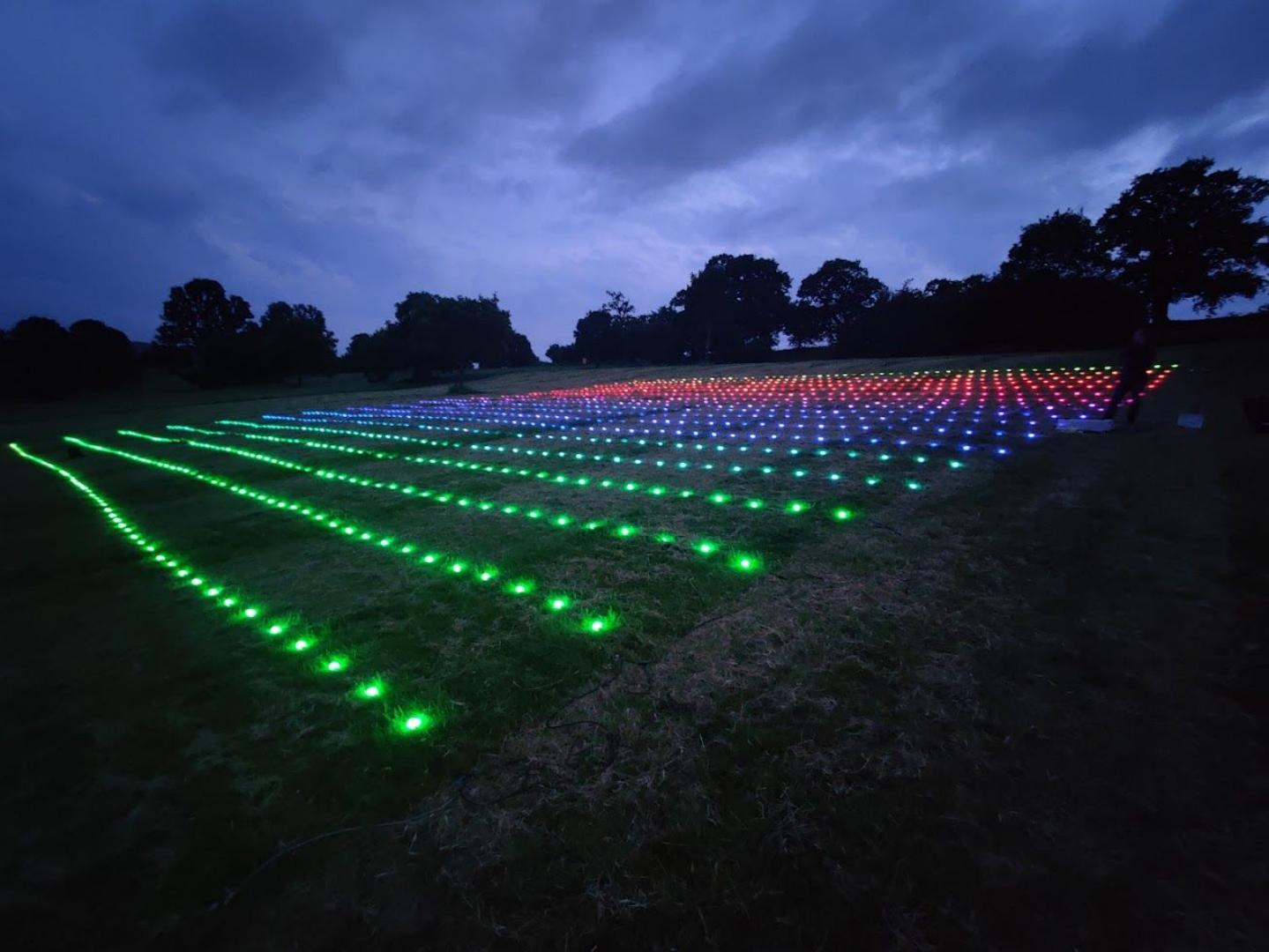
Name	Settings														
toilets north tentacle	ID: 23	RGBFan	10.22.0.123	DMX0/221	RX	TX	LOC	REPL	UPD	FF	RESET		F	NF	W
Vendors	ID: 10	RGBW16	10.22.0.110	DMX0/91	RX	TX	LOC	REPL	UPD	FF	RESET		F	NF	W
badge	ID: 48	RGBW16	10.22.0.148	DMX0/471	RX	TX	LOC	REPL	UPD	FF	RESET		F	NF	W
volunteer-water	ID: 38	RGBW16	10.22.0.138	DMX0/371	RX	TX	LOC	REPL	UPD	FF	RESET		F	NF	W
green room tentacle	ID: 26	RGBFan	10.22.0.126	DMX0/251	RX	TX	LOC	REPL	UPD	FF	RESET		F	NF	W
north water	ID: 44	RGBW16	10.22.0.144	DMX0/431	RX	TX	LOC	REPL	UPD	FF	RESET		F	NF	W
lounge	ID: 13	RGBW16	10.22.0.113	DMX0/121	RX	TX	LOC	REPL	UPD	FF	RESET		F	NF	W
info board right tentacle	ID: 20	RGBFan	10.22.0.120	DMX0/191	RX	TX	LOC	REPL	UPD	FF	RESET		F	NF	W
arcade	ID: 2	RGBW16	10.22.0.102	DMX0/11	RX	TX	LOC	REPL	UPD	FF	RESET		F	NF	W
hacky racers tentacle	ID: 24	RGBFan	10.22.0.124	DMX0/231	RX	TX	LOC	REPL	UPD	FF	RESET		F	NF	W
northtoilets	ID: 6	RGBW16	10.22.0.106	DMX0/51	RX	TX	LOC	REPL	UPD	FF	RESET		F	NF	W

Hillside



Testing

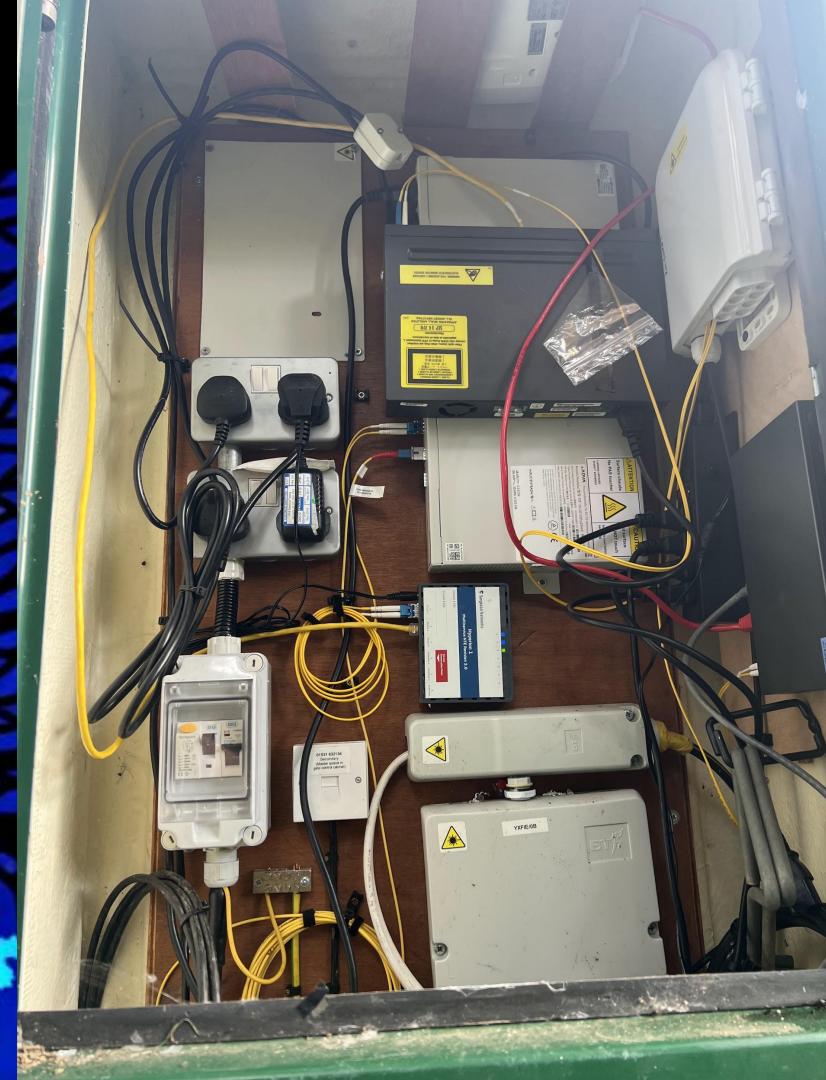




The background of the image is a vibrant underwater scene. It features various types of coral reefs in shades of black and dark blue against a bright blue ocean. Numerous small, glowing blue fish are scattered throughout the water. In the upper left quadrant, there is a large, dense cluster of coral. The word "Network" is overlaid on a semi-transparent dark grey rectangular box centered in the middle of the image.

Network

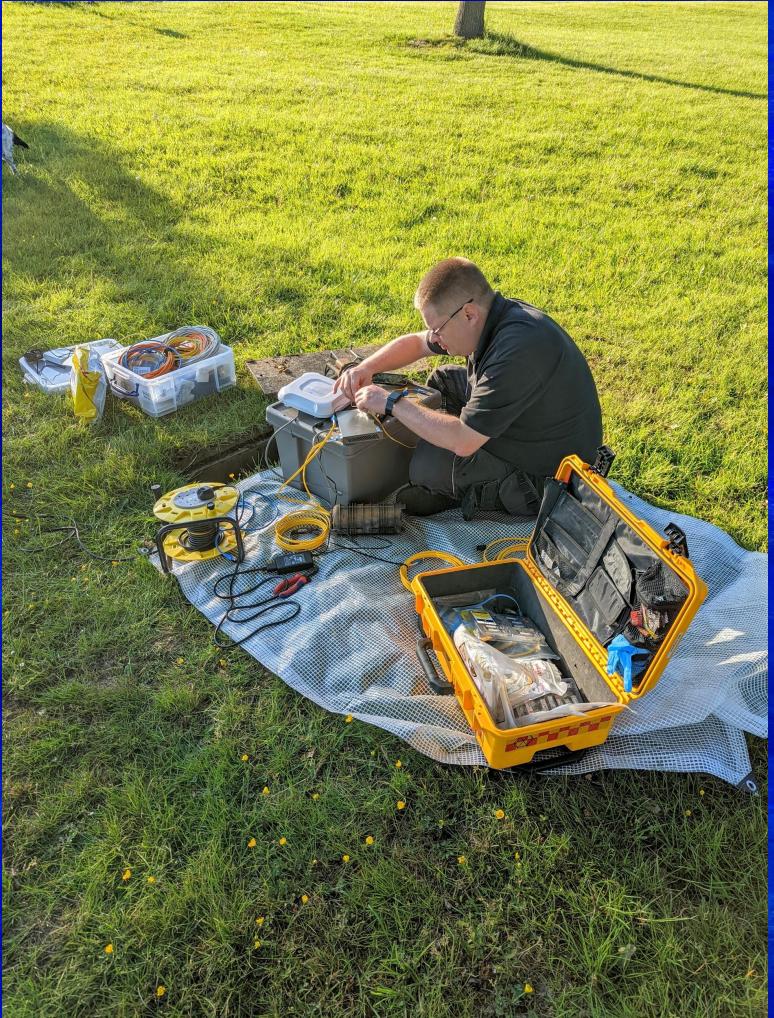
Our street furniture



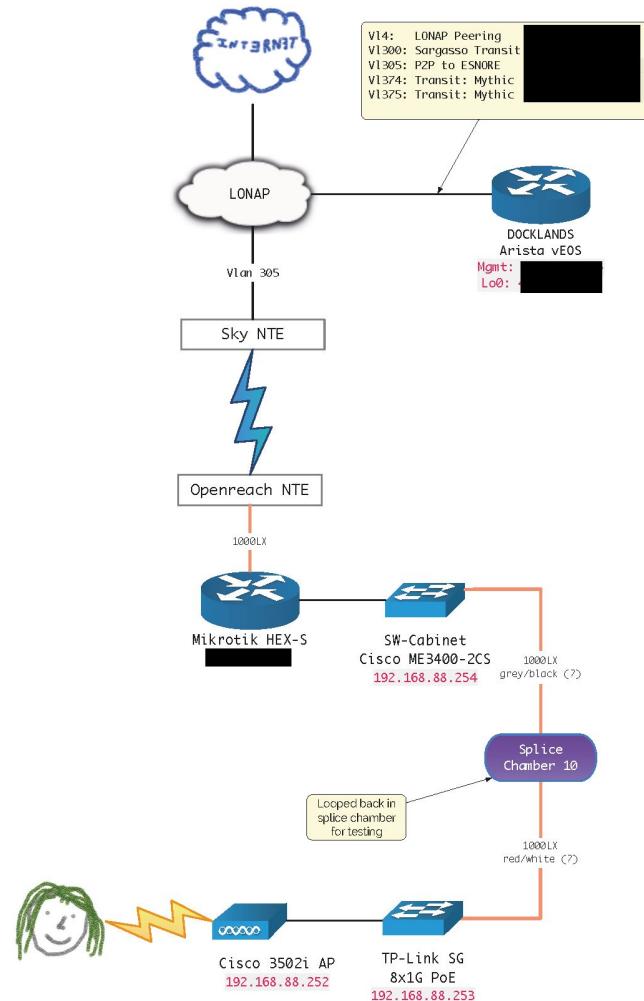


GOOD
LUCK
EMF 2020!
2022





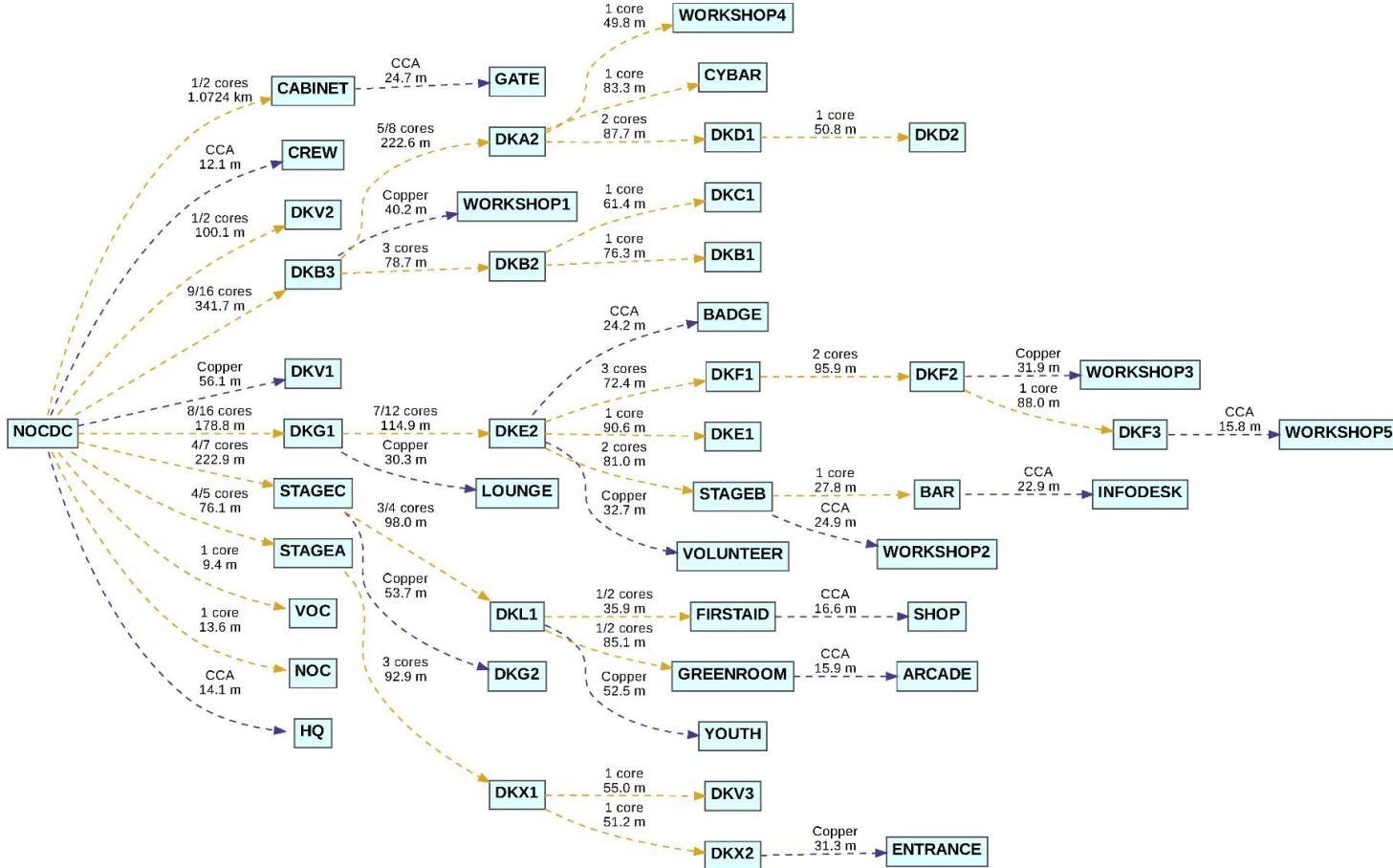
Day -8 Internet



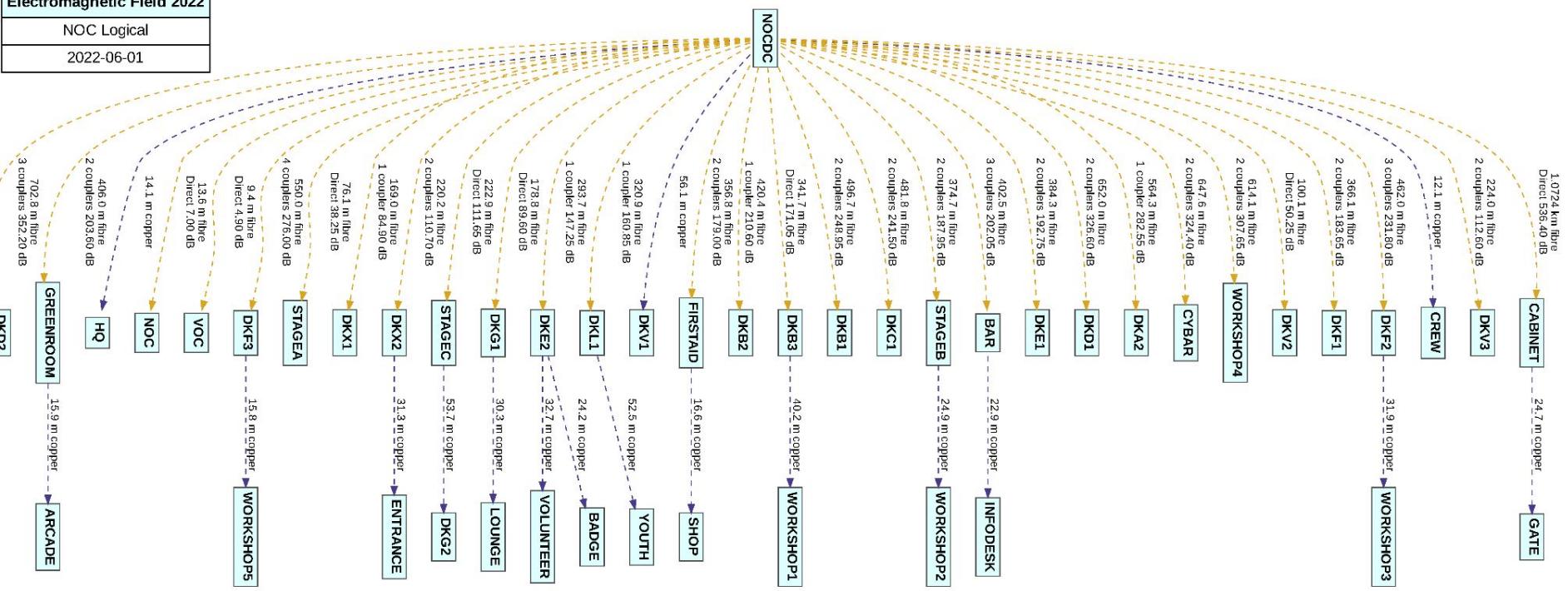


New ducts were rodded

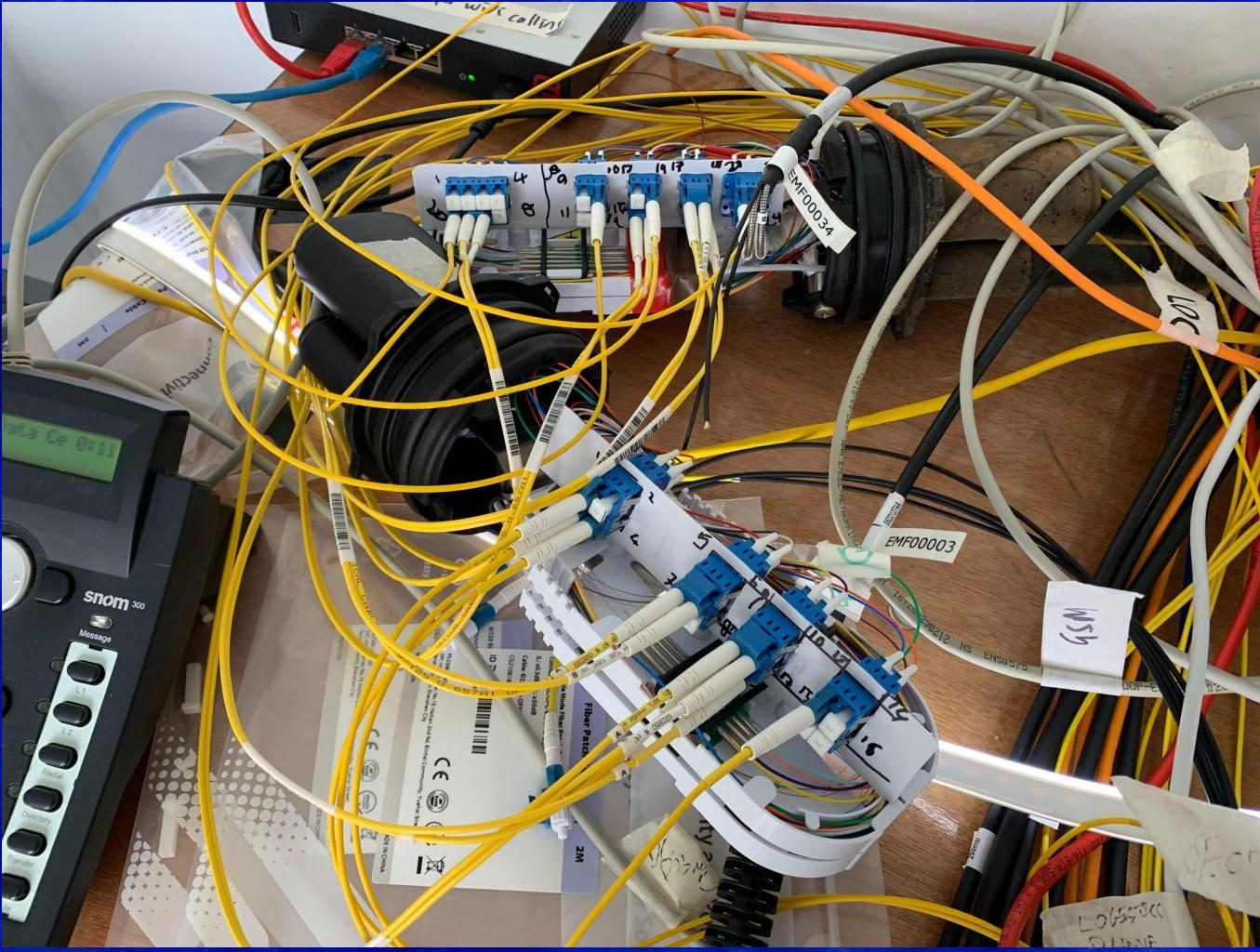
Electromagnetic Field 2022
NOC Physical
2022-06-01

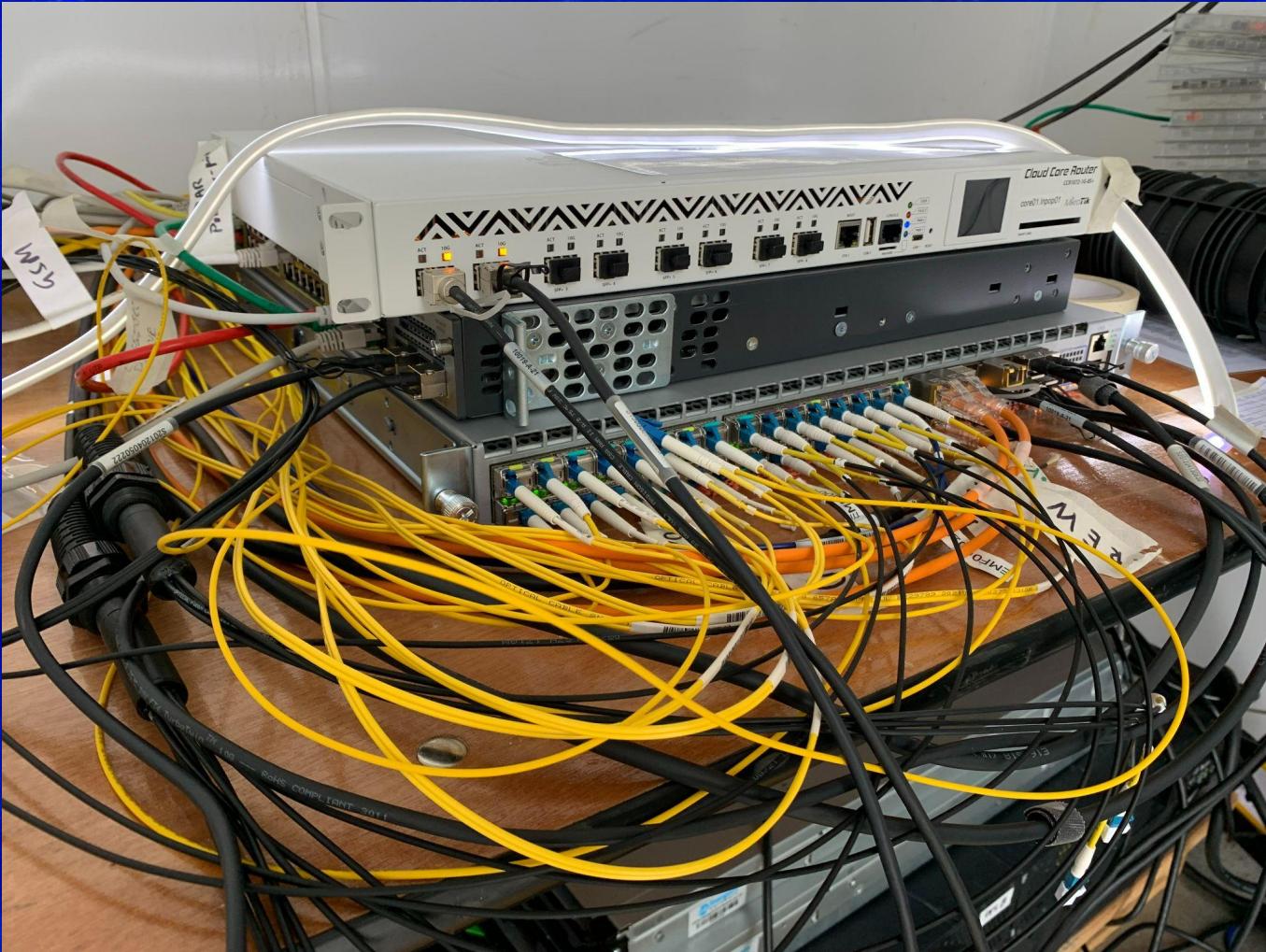


Electromagnetic Field 2022	
NOC Logical	
2022-06-01	











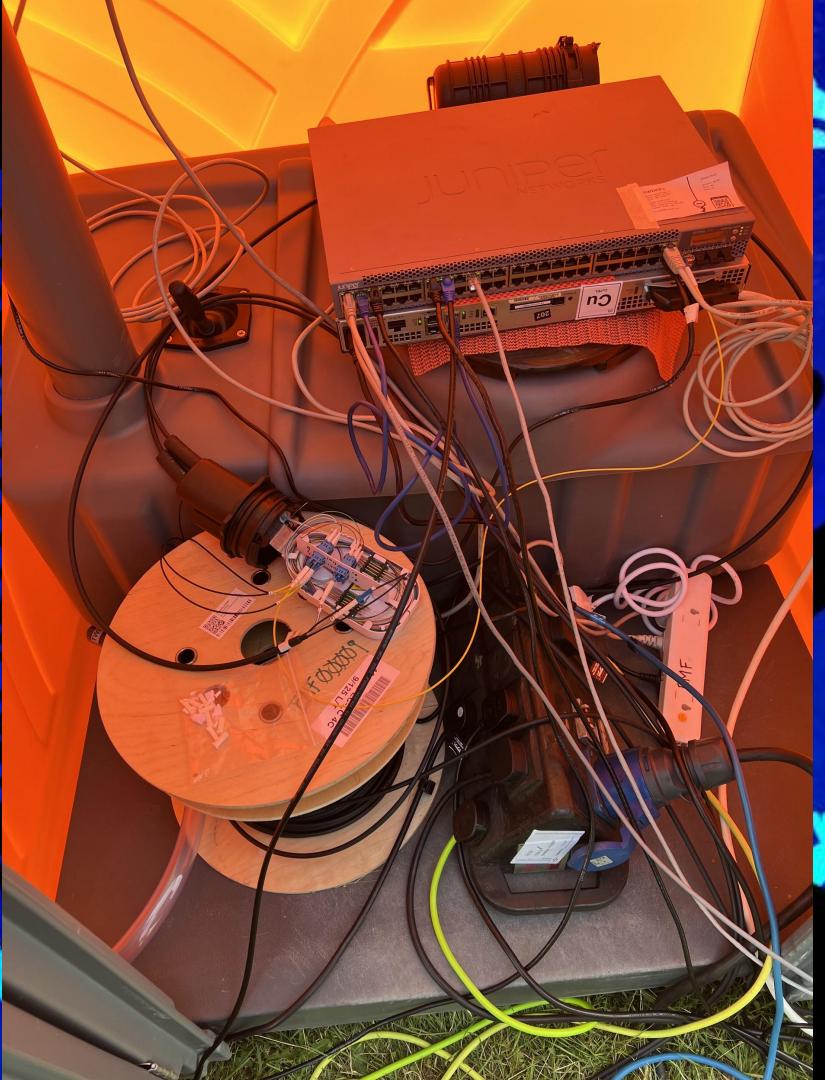
This is a manhole

It is viewed from above

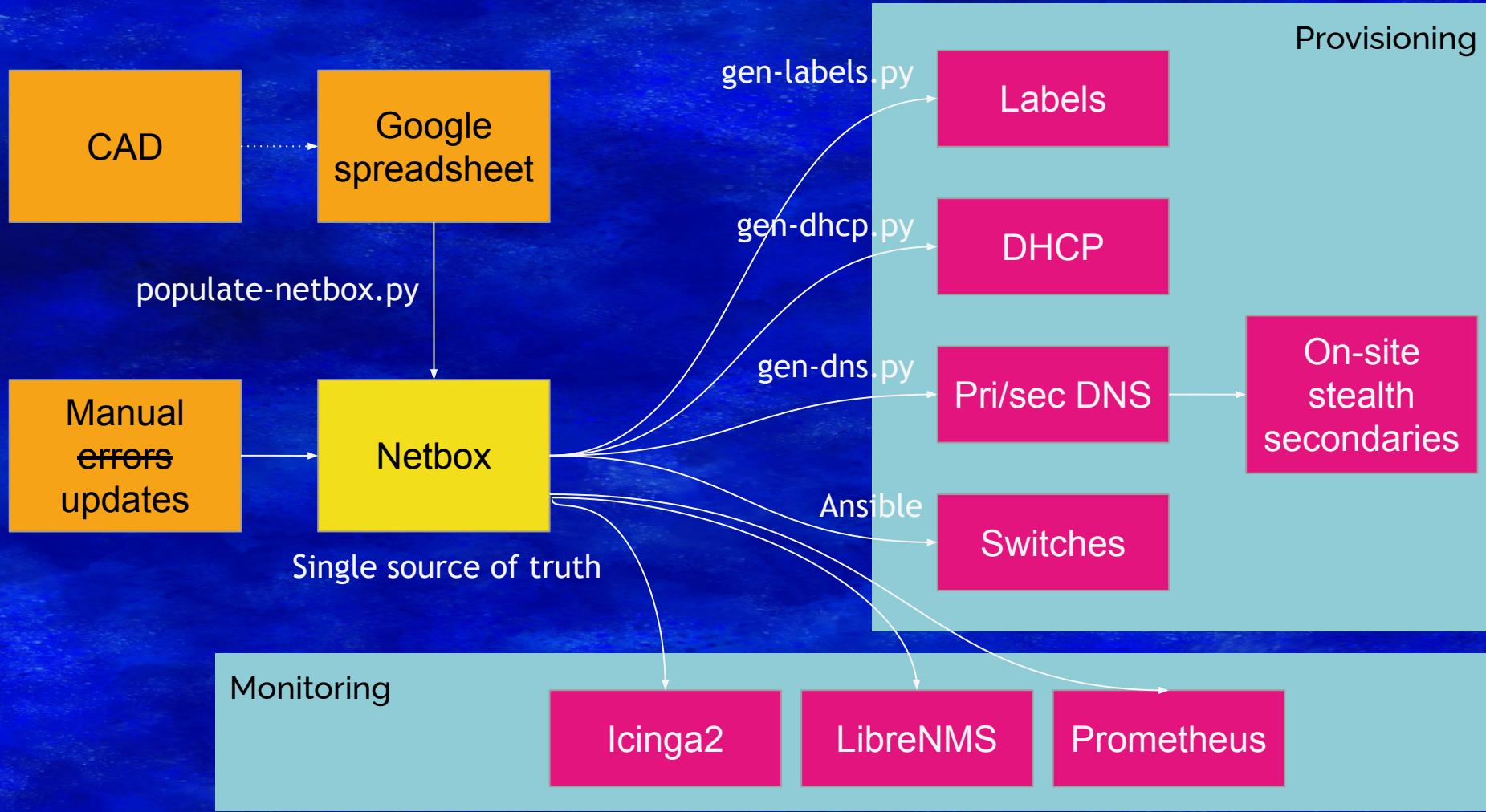




Inside a DK







Reducing the spreadsheet of doom



undo redo print | 100% | £ % .0 .00 123 | Arial | 10 | B I A | field tools | list sort filter | search | filter | sum |

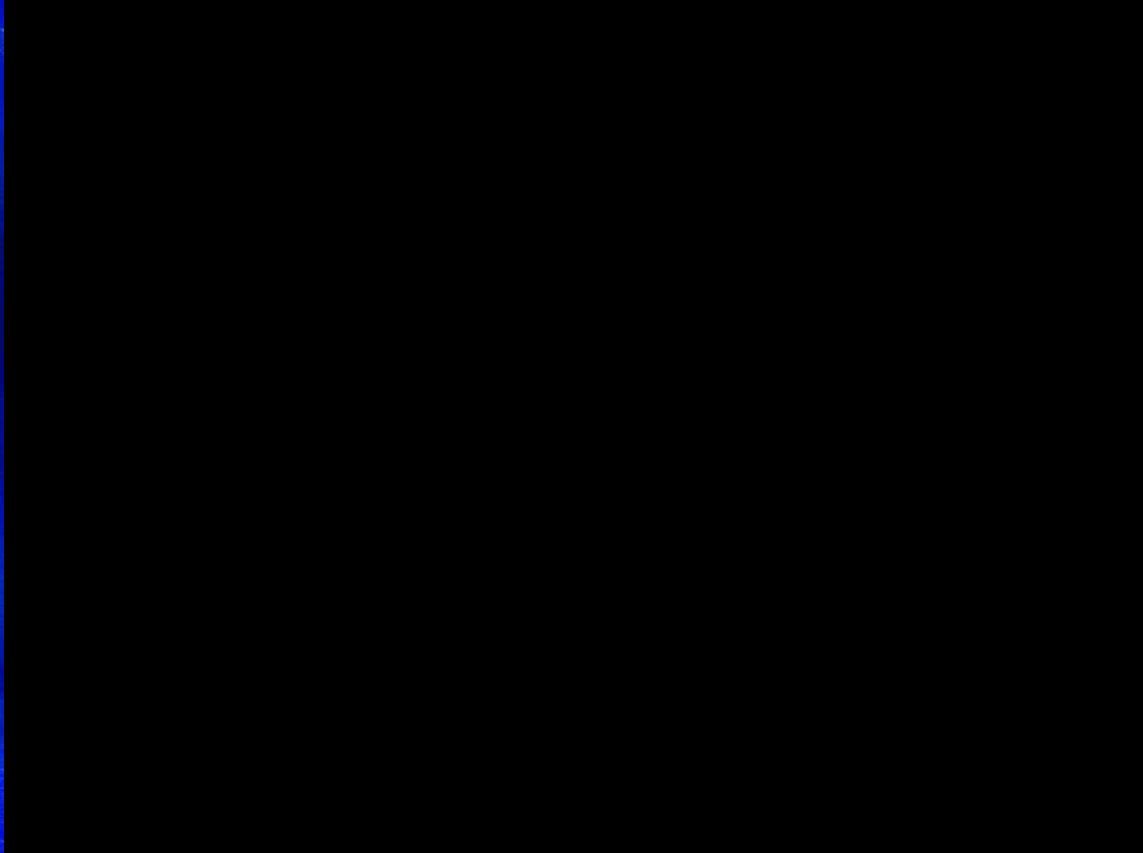
A1 VLAN

	A	B	C	D	E	F	G	H	I	J	K
1	VLAN	Name	IPv4-Prefix	IPv6-Prefix	DHCP	DHCP-Reserved	Sitewide	Camper	Switch	Routed-On	Description
2	128	Camper-Arcade	151.216.128.0/24	2a05:e201:0:128::/64	y		10	y	SWARCADE	ESNORE	
3	129	Camper-Badge	151.216.129.0/24	2a05:e201:0:129::/64	y		10	y	SWBADGE	ESNORE	
4	130	Camper-Bar	151.216.130.0/24	2a05:e201:0:130::/64	y		10	y	SWBAR1,SWBAR2	ESNORE	
5	131	Camper-Cabinet	151.216.131.0/24	2a05:e201:0:131::/64	y		10	y	SWCABINET	ESNORE	
6	132	Camper-Crew	151.216.132.0/24	2a05:e201:0:132::/64	y		10	y	SWCREW	ESNORE	
7	133	Camper-Cybar	151.216.133.0/24	2a05:e201:0:133::/64	y		10	y	SWCYBAR1,SWCYBAR2,SWCYBAR3	ESNORE	
8	134	Camper-Entrance	151.216.134.0/24	2a05:e201:0:134::/64	y		10	y	SWENTRANCE	ESNORE	
9	135	Camper-Firstaid	151.216.135.0/24	2a05:e201:0:135::/64	y		10	y	SWFIRSTAID	ESNORE	
10	136	Camper-Gate	151.216.136.0/24	2a05:e201:0:136::/64	y		10	y	SWGATE	ESNORE	
11	137	Camper-Greenroom	151.216.137.0/24	2a05:e201:0:137::/64	y		10	y	SWGREENROOM	ESNORE	
12	138	Camper-HQ	151.216.138.0/24	2a05:e201:0:138::/64	y		10	y	SWHQ	ESNORE	
13	139	Camper-Infodesk	151.216.139.0/24	2a05:e201:0:139::/64	y		10	y	SWINFODESK	ESNORE	
14	140	Camper-Lounge	151.216.140.0/24	2a05:e201:0:140::/64	y		10	y	SWLOUNGE	ESNORE	
15	141	Camper-NOC	151.216.141.0/24	2a05:e201:0:141::/64	y		10	y	SWNOC	ESNORE	
16	142	Camper-NCDC	151.216.142.0/24	2a05:e201:0:142::/64	y		128	y	SWNOCDC	ESNORE	
17	143	Camper-Shop	151.216.143.0/24	2a05:e201:0:143::/64	y		10	y	SWSHOP	ESNORE	
18	144	Camper-StageA	151.216.144.0/24	2a05:e201:0:144::/64	y		10	y	SWSTAGEA1,SWSTAGEA2	ESNORE	
19	145	Camper-StageB	151.216.145.0/24	2a05:e201:0:145::/64	y		10	y	SWSTAGEB1,SWSTAGEB2	ESNORE	
20	146	Camper-StageC	151.216.146.0/24	2a05:e201:0:146::/64	y		10	y	SWSTAGEC1,SWSTAGEC2	ESNORE	
21	147	Camper-VOC	151.216.147.0/24	2a05:e201:0:147::/64	y		10	y	SWVOC	ESNORE	
22	148	Camper-Volunteer	151.216.148.0/24	2a05:e201:0:148::/64	y		10	y	SWVOLUNTEER	ESNORE	
23	149	Camper-Workshop1	151.216.149.0/24	2a05:e201:0:149::/64	y		10	y	SWWORKSHOP1	ESNORE	
24	150	Camper-Workshop2	151.216.150.0/24	2a05:e201:0:150::/64	y		10	y	SWWORKSHOP2	ESNORE	
25	151	Camper-Workshop3	151.216.151.0/24	2a05:e201:0:151::/64	y		10	y	SWWORKSHOP3	ESNORE	
26	152	Camper-Workshop4	151.216.152.0/24	2a05:e201:0:152::/64	y		10	y	SWWORKSHOP4	ESNORE	
27	153	Camper-Workshop5	151.216.153.0/24	2a05:e201:0:153::/64	y		10	y	SWWORKSHOP5	ESNORE	
28	154	Camper-Youth	151.216.154.0/24	2a05:e201:0:154::/64	y		10	y	SWYOUTH	ESNORE	

+ Note on Usage Locations VLANs Switch Types Devices Switch Inventory AP inventory Links Po

Explore

Addressing



populate-netbox.py @ 30x speed



Search

All Objects



davidc

Organization

Devices

Connections

Wireless

IPAM

Virtualization

Circuits

Power

Other

Organization

Sites 5

Tenants 2

Inventory

Racks 0

Device Types 27

Devices 141

Wireless

Wireless LANs 0

Wireless Links 0

IPAM

VRFs 0

Aggregates 5

Prefixes 123

IP Ranges 0

IP Addresses 231

VLANs 65

Power

Power Panels 0

Power Feeds 0

Virtualization

Clusters 3

Virtual Machines 16

Circuits

Providers 1

Circuits 1

Connections

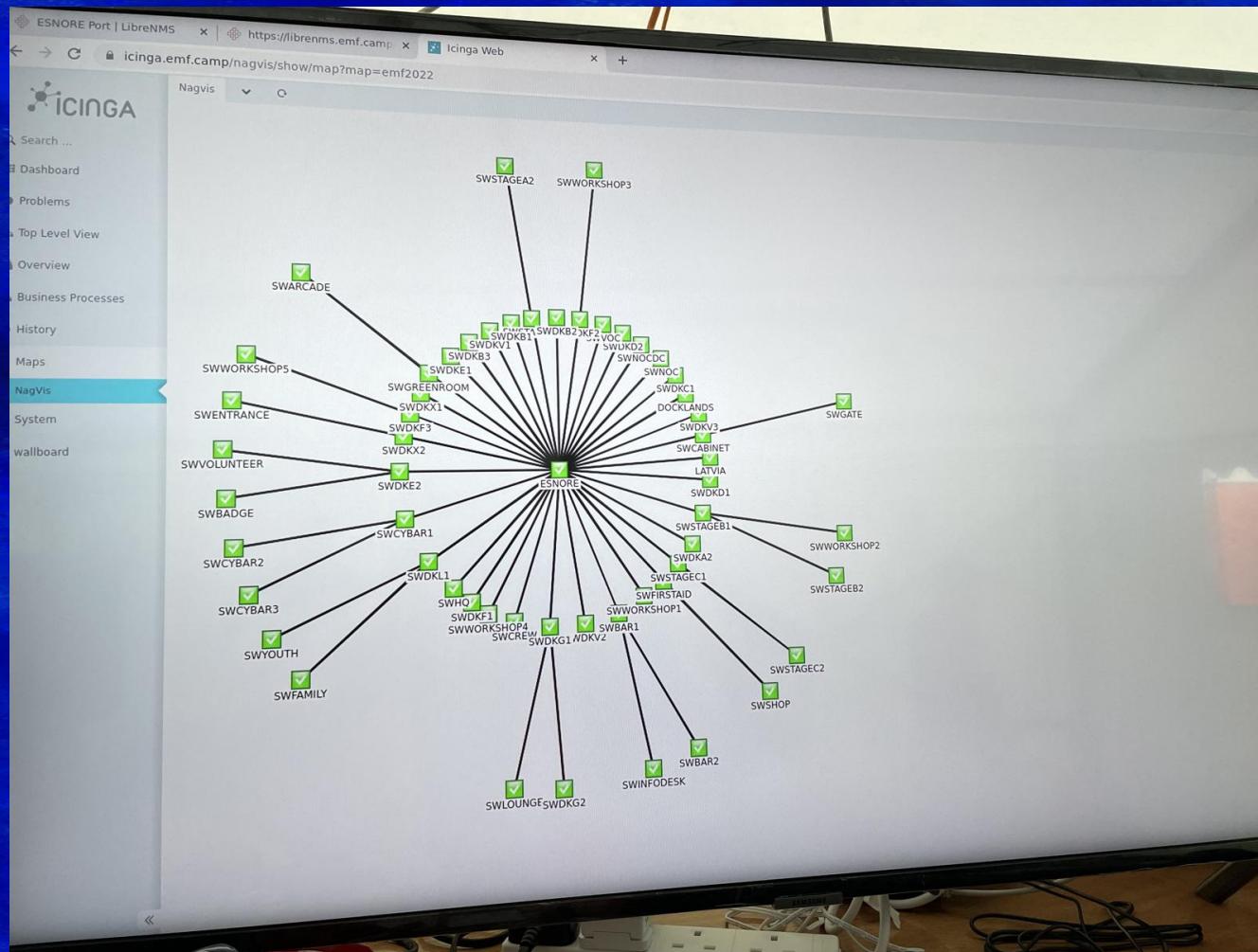
Cables 65

Console 0

Interfaces 64

Power Connections 0

Source of truth





emfcamp/emfnoc

i

Bandwidth

1.12 Gib/s

954 Mib/s

763 Mib/s

572 Mib/s

381 Mib/s

191 Mib/s

0 b/s

-191 Mib/s

-381 Mib/s

-572 Mib/s

06/02 00:00 06/02 06:00 06/02 12:00 06/02 18:00 06/03 00:00 06/03 06:00 06/03 12:00 06/03 18:00 06/04 00:00 06/04 06:00 06/04 12:00 06/04 18:00 06/05 00:00 06/05 06:00 06/05 12:00

Yellow to site, Green from site

**Thank you for being
considerate.**

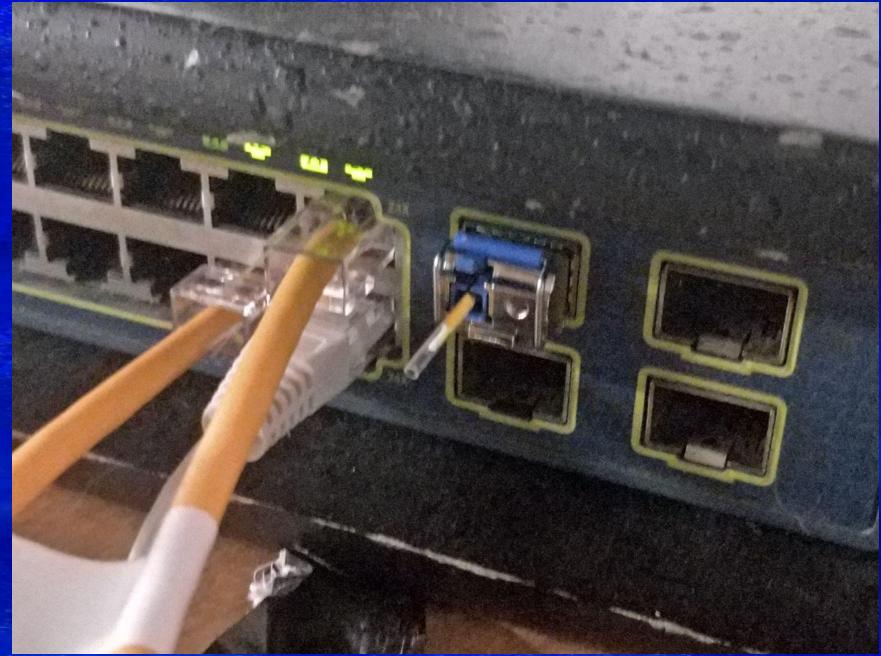


i

Bandwidth



Mostly!



If you trip on a fibre... please stop dragging



06/04/2022

15:59:37

Device

UPS: On battery power in response to rapid change of input.

Second UPS

Bring all the things



Telehandler Operator race vs Western Power Distribution



Key Information

Incident reported: 3:59pm Saturday 4th June 2022

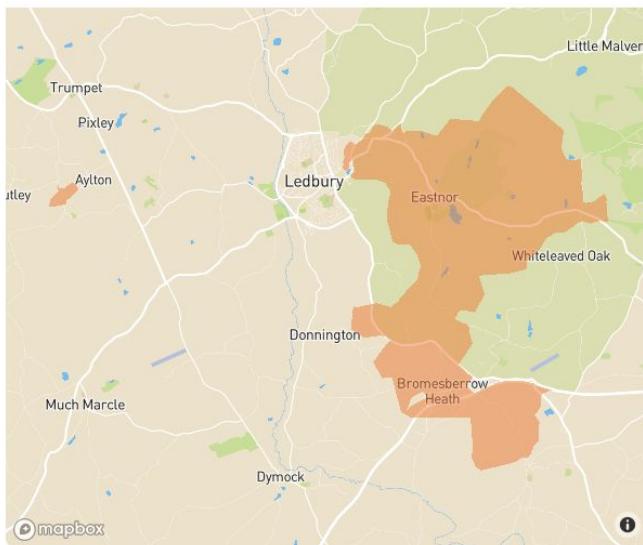
Properties off supply: 435

Area Affected

Postcode areas affected by this incident:

GL19, HR8

[View more details](#)



Timeline

✓ 16:45 Sat 04 Jun 22
All properties restored

🏠 16:10 Sat 04 Jun 22
Properties off supply : 306

⌚ 16:05 Sat 04 Jun 22
Estimated restoration time: 5:30pm Saturday 4th June 2022

🏠 16:05 Sat 04 Jun 22
Properties restored : 129
Properties off supply : 306

👤 16:05 Sat 04 Jun 22
We are currently organising resources to work on the fault.

ℹ️ 16:05 Sat 04 Jun 22
Reason for outage: There is currently a fault on our overhead network. Your supply may go off and on while we work hard to resolve this.

⚡ 15:59 Sat 04 Jun 22
Incident reported

Data accurate as of Saturday 4th June 2022, 6:15pm

A vibrant underwater illustration featuring a variety of coral reef structures in shades of blue, black, and white. A large school of small, light-blue fish swims across the upper left, while a single larger fish is visible in the lower right. Sunlight filters down from the surface in bright rays.

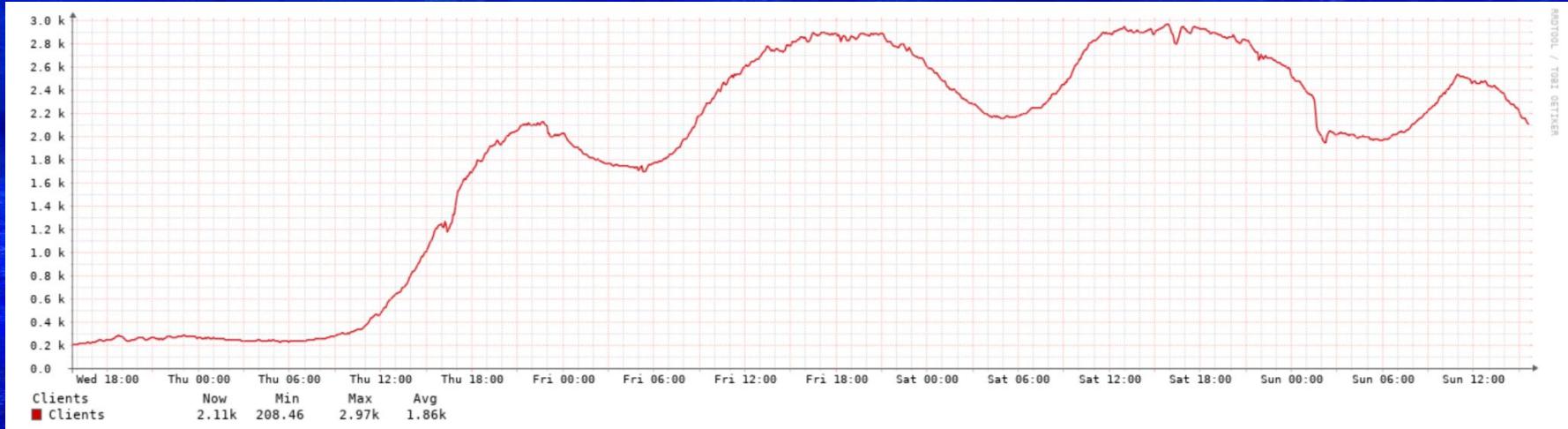
WiFi and Shipping

Unique devices seen (wired/wireless)

- Total 10800 devices
 - Avg ±3.6 device per visitor
- 5470 Smart devices
- 3109 ESP's (mostly badges)
- 1835 laptop/PC/etc

WiFi stats

- Peak 3000 concurrent clients
- 79 * 802.11ac Aruba AP's deployed
- Peak 750Mbit/s of traffic (rx+tx)



Logistics “fun” (1/2)

- Equipment to be transported from the Netherlands and Germany (EventInfra and Eventphone)
- Due to new regulations ATA Carnet (aka “Passport for goods”) required
- Expensive shipping via courier (pallet shipment not an option)
- ATA Carnet portal from “Kamer van Koophandel” (Dutch Chamber of Commerce) had some quirks...

Max 45 lines
(but needed 300)

Max 255 chars for a lot
of serial numbers when
grouping products

3. goederen

Als de lijst langer is dan vijfentwintig regels, upload dan een PDF-bestand met de gegevens en voer de samenvatting in de tabel in. (eenmaal)

Item nr.	hoeveelheid	goederenomschrijving inclusief merken en nummers	gewicht	gewichtseenheid	goederenwaarde	oorsprong	
Geen items							
TOTALEN:							0,00

Logistics “fun” (2/2)

- Workaround:
 - Upload custom PDF
 - Add one item with total value
- After figuring out the Workaround: ATA Carnet Issued the same day :-)

3. goederen

Upload goederenlijst (CSV)  Zie de productenlijst PDF   Upload extra

Toevoegen nieuwe regel

Item nr.	hoeveelheid	goederenomschrijving inclusief merken en nummers	gewicht	gewichtseenheid	goederenwaarde	oorsprong		
1	305	Telecommunication equipment incl accessories as per attached specification	291	KG		-		
TOTALEN:			291	KG				

No	Quantity	Description	Serial number(s)	Weight	Value (EUR)	Origin
1/1	1	Aruba AP-270-MNT-V1 AP-270 Series Outdoor Pole/Wall Long Mount Kit		3 kg	100	CN
2/3	2	Aruba AP-270-MNT-V2 AP-270 Series Outdoor Pole/Wall Short Mount Kit		2 kg	150	CN
4/26	23	Fibox TA241911T Outdoor enclosure with waterproof RJ45 and Aruba AP-115/135/205/215 mount		11,5 kg	460	FI
27/28	2	Fibox TA241911T dual RJ45 Outdoor enclosure with dual waterproof RJ45 and Aruba AP-115/135/205/215 mount		1 kg	40	FI
29/29	1	Hunter/Tri-Circle DK-Locks v2 Standard Tri-Circle-Locks (large ring). Set of 74 DK Locks, common-keyed.		20 kg	150	CN
30/39	10	Trendnet TPE-115GI-EU Gigabit PoE+ Injector		1,62 kg	250	TW
40/40	1	Fujitsu Primergy RX200 S8 w/ 2x E5-2680v2 256GB Primergy RX200 S8 w/ 2x E5-2680v2 256GB 2x 500GB SSD 2x 300GB SAS		15 kg	1500	DE
41/51	11	Juniper EX2300C-12P EX2300C-12P switch, 12x gigE 802.3af/at PoE+, 2x SFP+		35,2 kg	9900	CN

The background of the image is a vibrant underwater scene. It features various types of coral reefs in shades of black and dark blue against a bright blue ocean floor. Numerous small, glowing blue fish are scattered throughout the water. In the upper right quadrant, there is a large, semi-transparent black rectangular overlay. Inside this overlay, the word "Logistics" is written in a bold, white, sans-serif font.

Logistics

The field
starts out
quite
empty



And ends
up like
this



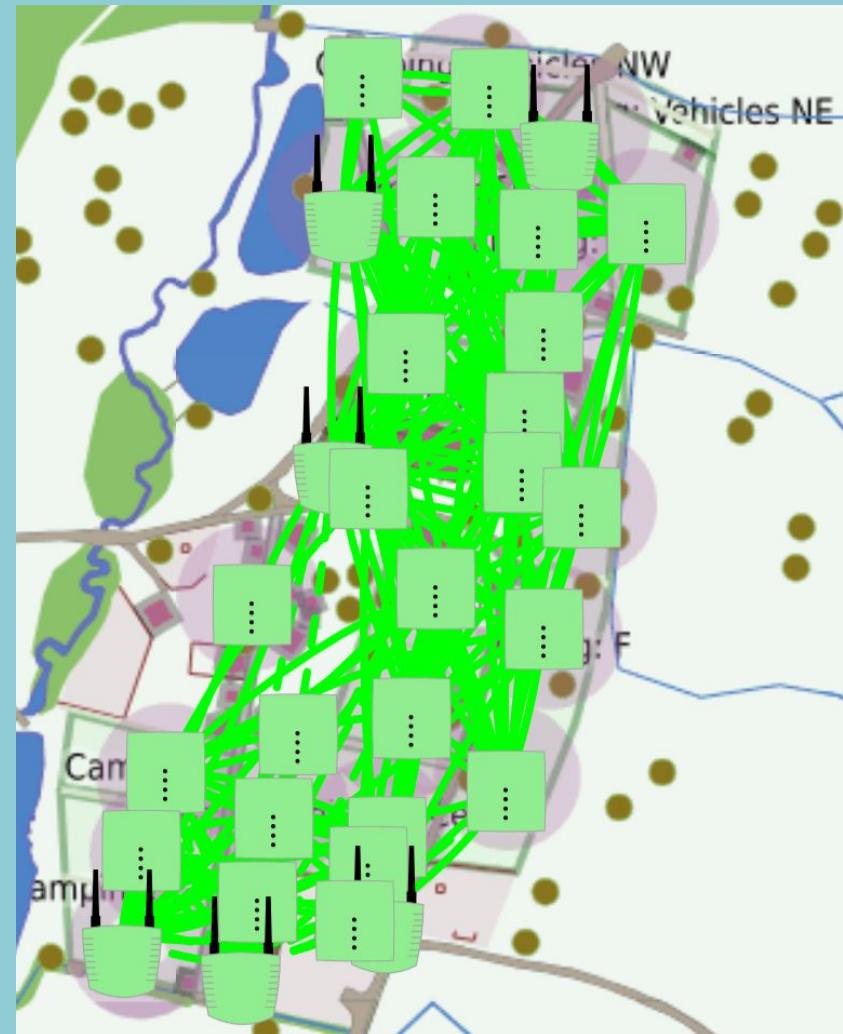


The background of the image is a stylized, colorful illustration of an underwater environment. It features various types of coral reefs in shades of black and dark blue against a bright blue ocean. Schools of small, light blue fish are scattered throughout the scene, swimming near the reefs. In the center, there is a large, semi-transparent rectangular overlay containing the word "Phones".

Phones



- 38 DECT Ant.
- 35 SIP Phones
- 54 POTS Phones
- 2 GSM/LTE Cells
- WiFi Calling



Call Stats

390 DECT Devices Registered

250 SIP Devices Registered

54 POTS Devices

16,700 Calls

Jambonz Stats

69 Applications Created

846 Calls

WiFi Calling Stats

2983 Client IP Addresses Tunneled

Date	Down	Up
Thu 02 Jun 2022	304MB	342MB
Fri 03 Jun 2022	545MB	650MB
Sat 04 Jun 2022	565MB	670MB
Sun 05 Jun 2022	123MB	131MB



Cellular Stats

3419 Unique IMSIs attached

906 O2 UK

447 Vodafone UK

661 EE/TM UK

103 EE/OR UK

584 Three UK

84 Germany

110 Netherlands

727 Call Attempts

320 Calls answered

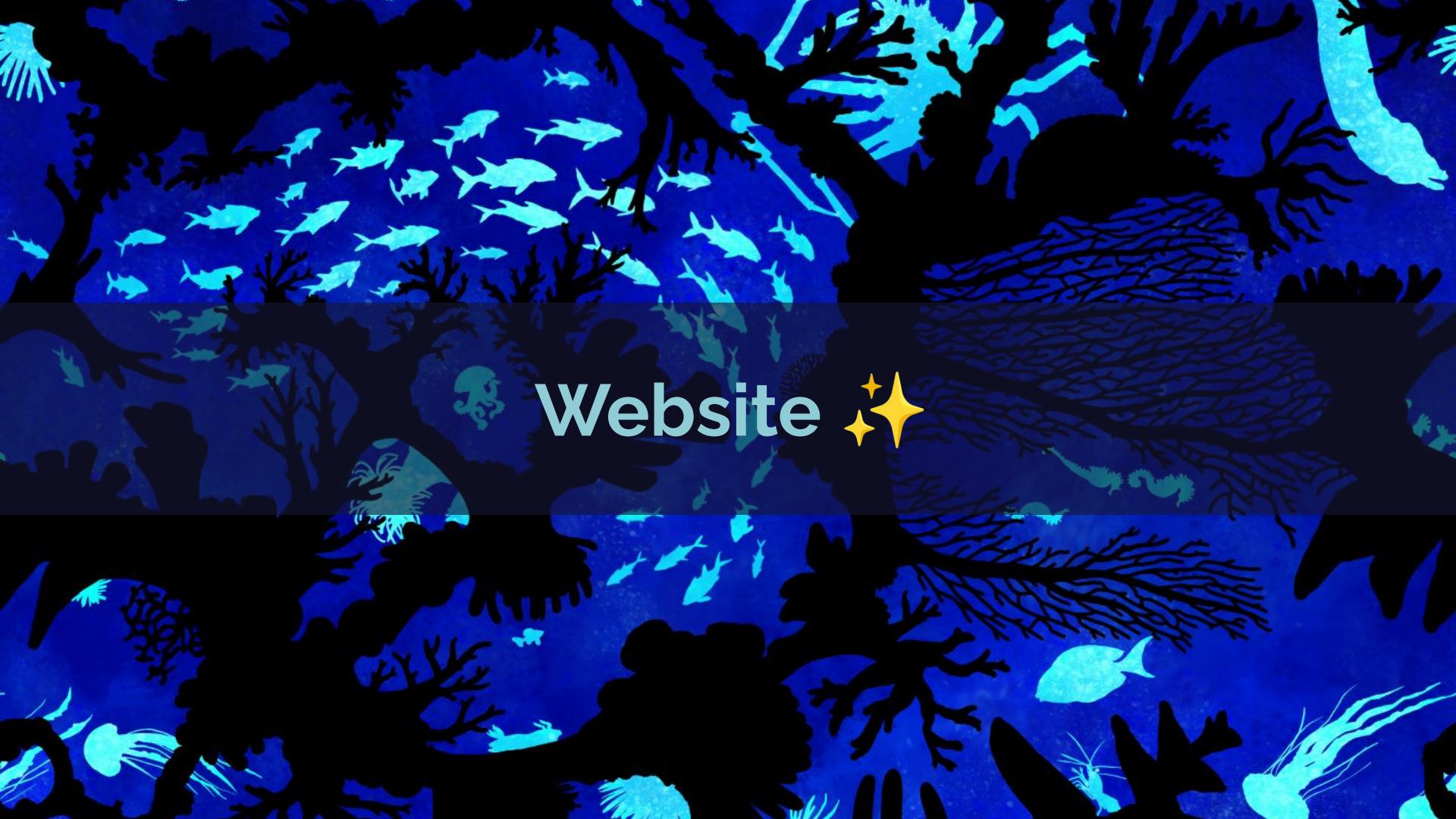
21.5 GB Download 6.2GB Upload

Welcome to Jersey

Did you get an SMS from your carrier saying you were roaming in Jersey?

Help us filter these out by forwarding the text to

07361 590 540

The background of the image is a vibrant underwater scene. It features various types of coral reefs in shades of black and dark blue against a bright blue ocean. Numerous small, glowing blue fish are scattered throughout the water. In the upper left quadrant, there is a large, dense cluster of coral. The overall atmosphere is deep and mysterious.

Website



1420 commits since 2018
37 contributors

Volunteering

Schedule rework

Stage screens

Village workshops

Attendee content

Herald interface

Wise payments

Guidance from the wiki

Bar training

API documentation

Don't use pipenv

Don't use gulp

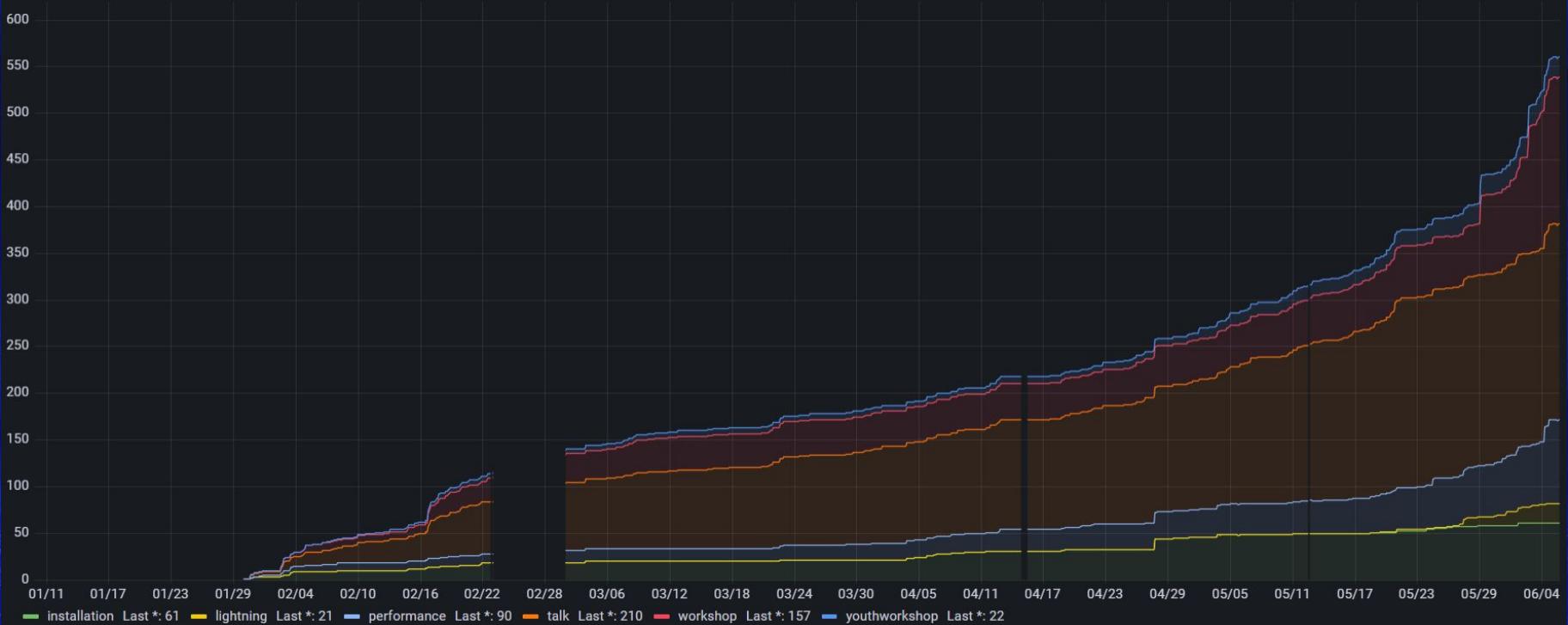
Do use docker

Do use staged ticket sales

Check-ins per minute ▾



Proposals by Type



Network Packet Rate ▾

3 kp/s

2 kp/s

1 kp/s

0 p/s

-1 kp/s

-2 kp/s

-3 kp/s

-4 kp/s

06/02 08:00

06/02 16:00

06/03 00:00

06/03 08:00

06/03 16:00

06/04 00:00

06/04 08:00

06/04 16:00

06/05 00:00

06/05 08:00

06/05 16:00



A vibrant underwater illustration featuring a dense coral reef. The reef structures are rendered in black silhouettes against a deep blue background. Interspersed throughout the reef are numerous small, glowing blue fish. In the upper left quadrant, a large school of these blue fish swims in a circular pattern. A single, larger blue fish is positioned in the lower right quadrant. The overall composition is a rich, monochromatic blue palette.

Volunteering

2,636 checked in

556 volunteers

volunteer@emfcamp.org



The background of the image is a vibrant underwater scene. It features various types of coral reefs, from branching corals to soft corals and sea fans, all rendered in black silhouettes against a bright blue background. Numerous small, glowing blue fish are scattered throughout the water, some near the reefs and others swimming freely. A few larger, more luminous blue fish are also visible, adding depth to the scene.

Volunteer Kitchen

226268



Case of 8
1ltr

Alpro Oat Long Life Drink 1L

Ordered Qty: 1
£10.29
RRP: £11.99
POR: 5.4%

-
0
+
 Add to List

179685



Case of 8
1ltr

Alpro Soya No Sugars Long Life Drink 1L

Ordered Qty: 1
£10.29
RRP: £11.99
POR: 3.4%

-
0
+
 Add to List

69554



Case of 4
3kg

Billington's Demerara Natural Unrefined Cane Sugar 3kg

Cheaper By the Case

Ordered Qty: 1
£21.49

-
0
+
 Add to List

272079



Case of 2
2.72kg

Chef's Essentials Mixed Fruit Jam 2.72kg

Cheaper By the Case

Ordered Qty: 1
£12.49

-
0
+
 Add to List

254132



Case of 3
5ltr

Chef's Essentials Washing Up Liquid 5 Litres

Cheaper By the Case

Ordered Qty: 1
£10.86

-
0
+
 Add to List

Quantities

1250 potatoes

1500 eggs

550 sausages

1950 slices of bacon (so far)

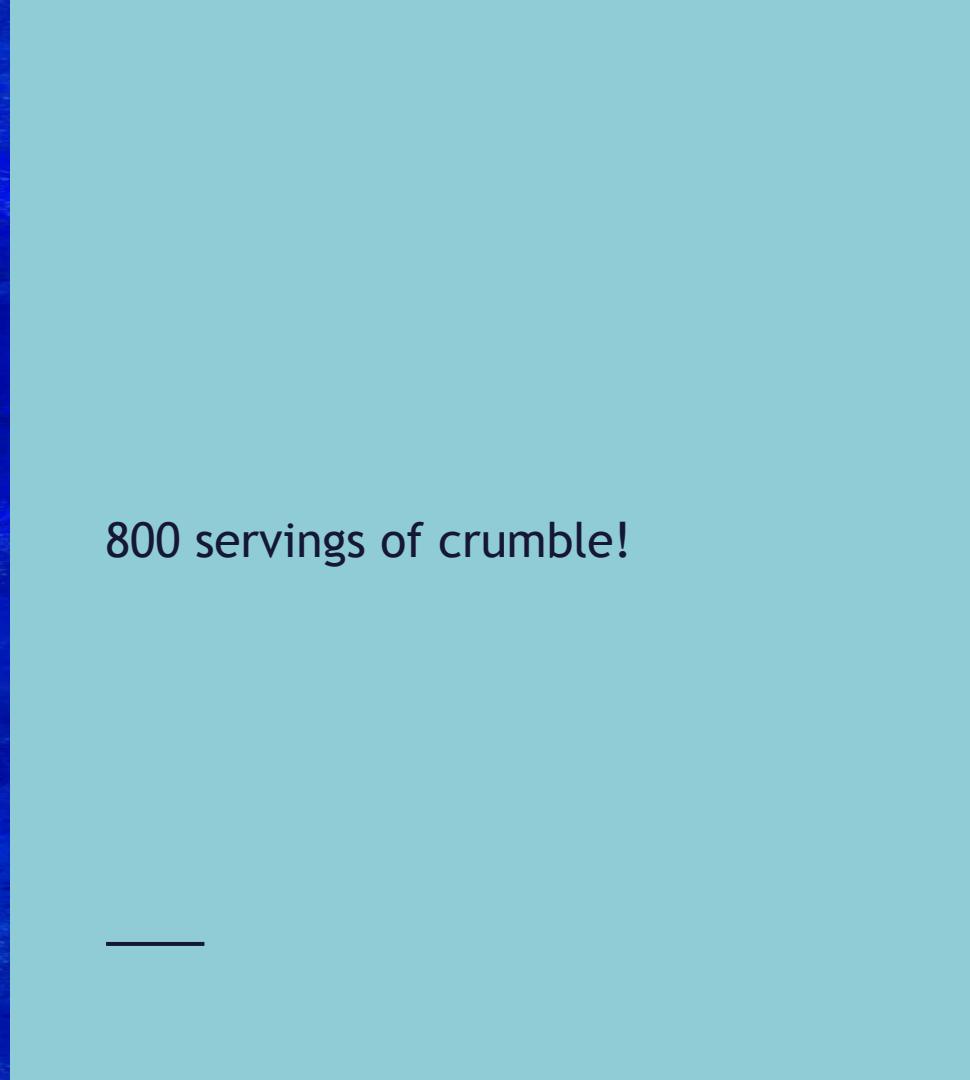
237 packets of biscuits

960 slices of bread

237 packets of biscuits



What else?



800 servings of crumble!

Thanks to our volunteers

Phish

Pingless/Paul - the other half of Phish's brain

Nicholas - mastering breakfast meats

V - responsible for the most popular crumble in the world

Bryony - midnight washing up angel

Nome and Paskoda - angel co-ordination

Nattie and Robert

Gemma!

The background of the image is a vibrant underwater scene. It features various types of coral reefs, from large, branching structures to smaller, more delicate ones. Numerous small, light blue fish are scattered throughout the water, swimming near the reefs. In the upper left quadrant, there is a dense cluster of fish. A single, larger fish is positioned in the lower right quadrant. The overall color palette is dominated by shades of blue and teal, creating a serene and natural atmosphere.

First Aid

A vibrant underwater scene featuring a dense coral reef. The reef structures are silhouetted against a bright blue background, while the water is filled with numerous small, glowing blue fish swimming in various directions. A single large, translucent jellyfish is visible on the left side of the frame.

Many thanks



EventInfra.org



ASK4



Sargasso



Our supporters

We'd like to do better



many
Thanks.