

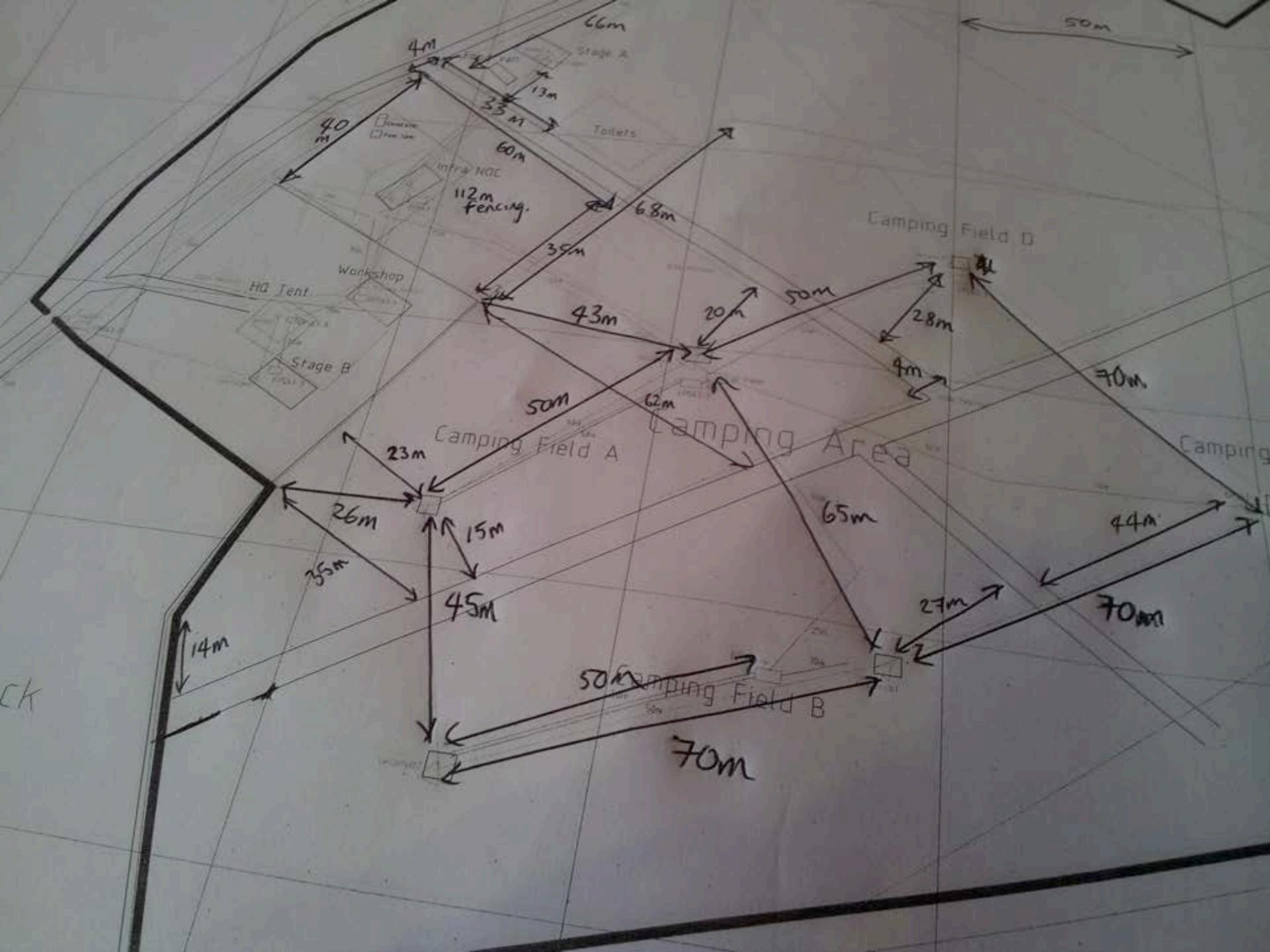
# EMF Camp 2012

# Infrastructure team

Sunday 2<sup>nd</sup> September 2012

# Us











Stop the SHELL  
Helps you SLEEP  
Stick the signpost  
4 777 210

01628 760422



Infra team meetings 11am + 1pm only  
Stop people driving with candles

AP's in DK's

DK D1

DK B1

DK B2

Festoon Bar - Halfway  
Festoon Camping - D to A  
More food Distro, take off the signs  
Vans DK - soon what?

Fixes with  
Stage switch  
Festoon Stage - bats  
Buckets by DK's

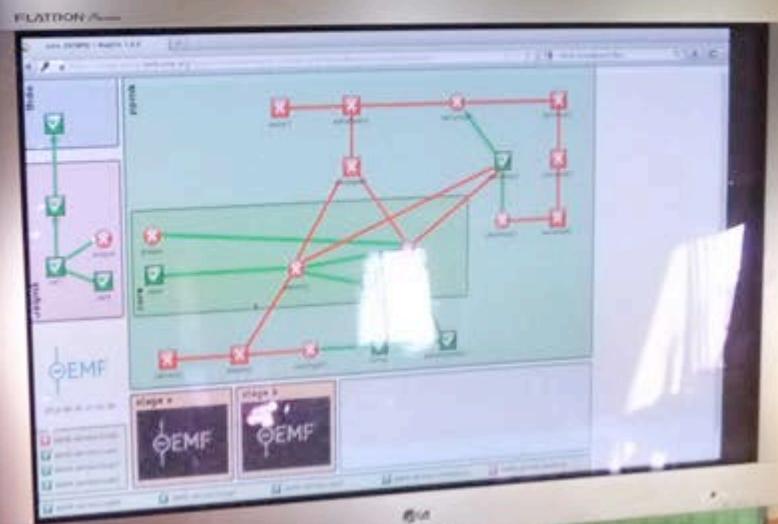
Get 100mm  
Bar Festoon  
film (what?)  
floorboards

16 fm Impact  
Stop 03/04-11/04 in camp DK's

Pulsant

Deliveries

Impact



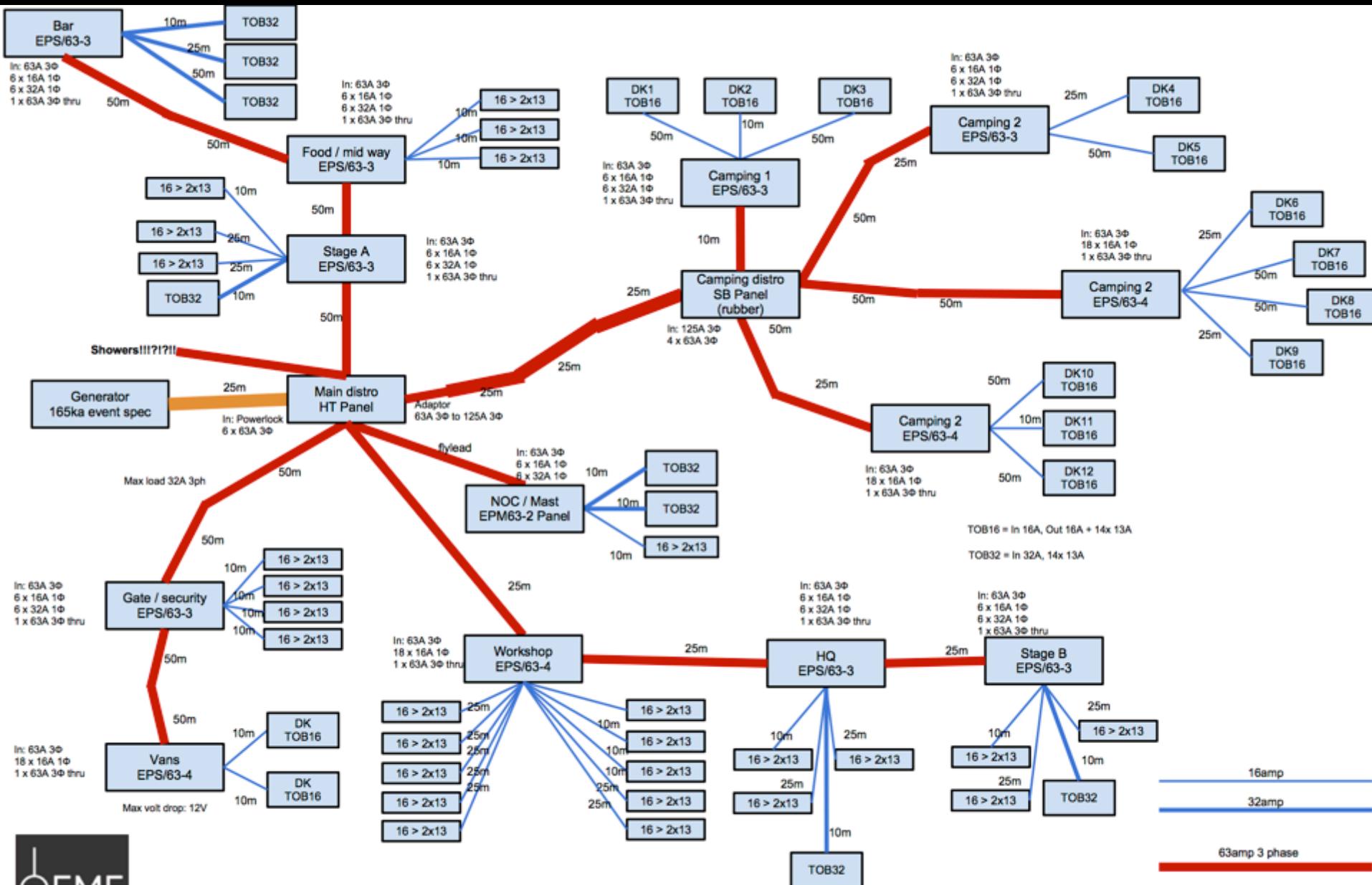


citron





# Power



## **Power distribution plan**

A	B	C	D
Desc	Price ex VAT	Qty	Total
Delivery (28th Aug), Collection (4th Sept)	£460.00	1	£ 460.00
1000Ltr Fuel Tank C/w Fuel Lines	£45.00	1	£ 45.00
125A 3Φ 25m	£25.00	3	£ 75.00
165kva event spec generator	£365.00	1	£ 365.00
16A 1Φ 10m	£2.50	19	£ 47.50
16A 1Φ 25m	£5.00	16	£ 80.00
16A 1Φ 50m	£7.50	7	£ 52.50
16A to 2x13A	£1.00	27	£ 27.00
32A 1Φ 10m	£3.50	3	£ 10.50
32A 1Φ 25m	£5.00	7	£ 35.00
32A 1Φ 50m	£5.00	1	£ 5.00
63A 3Φ 10m	£8.00	1	£ 8.00
63A 3Φ 25m	£16.00	5	£ 80.00
63A 3Φ 50m	£30.00	12	£ 360.00
63A 3Φ to 125A 3Φ adaptor	£10.00	1	£ 10.00
cable ramps per meter	£ 7.50	20	£ 150.00
EPS63-3 - In: 63a3Φ Out: 6x16a Φ1 / 6x32a 1Φ, 1x63 thru	£50.00	9	£ 450.00
EPS63-4 - In: 63a3Φ Out: 18x16a Φ1 / 1x63a 3Φ	£50.00	4	£ 200.00
HT Panel - In: Powerlock, Out: 6 x 63A 3Φ	£80.00	1	£ 80.00
Powerlock Cable 5 Wire Set 25m Long	£70.00	1	£ 70.00
SB Panel (rubber): In 125a3Φ Out: 4x63a3Φ	£ 65.00	1	£ 65.00
TOB16 - 16A -> 14x13a / 1x16A	£10.00	14	£ 140.00
TOB32 - 32A -> 14x13a	£10.00	8	£ 80.00
		Sub total	£ 2,895.50
		VAT	£579.1
		Total	£3474.6



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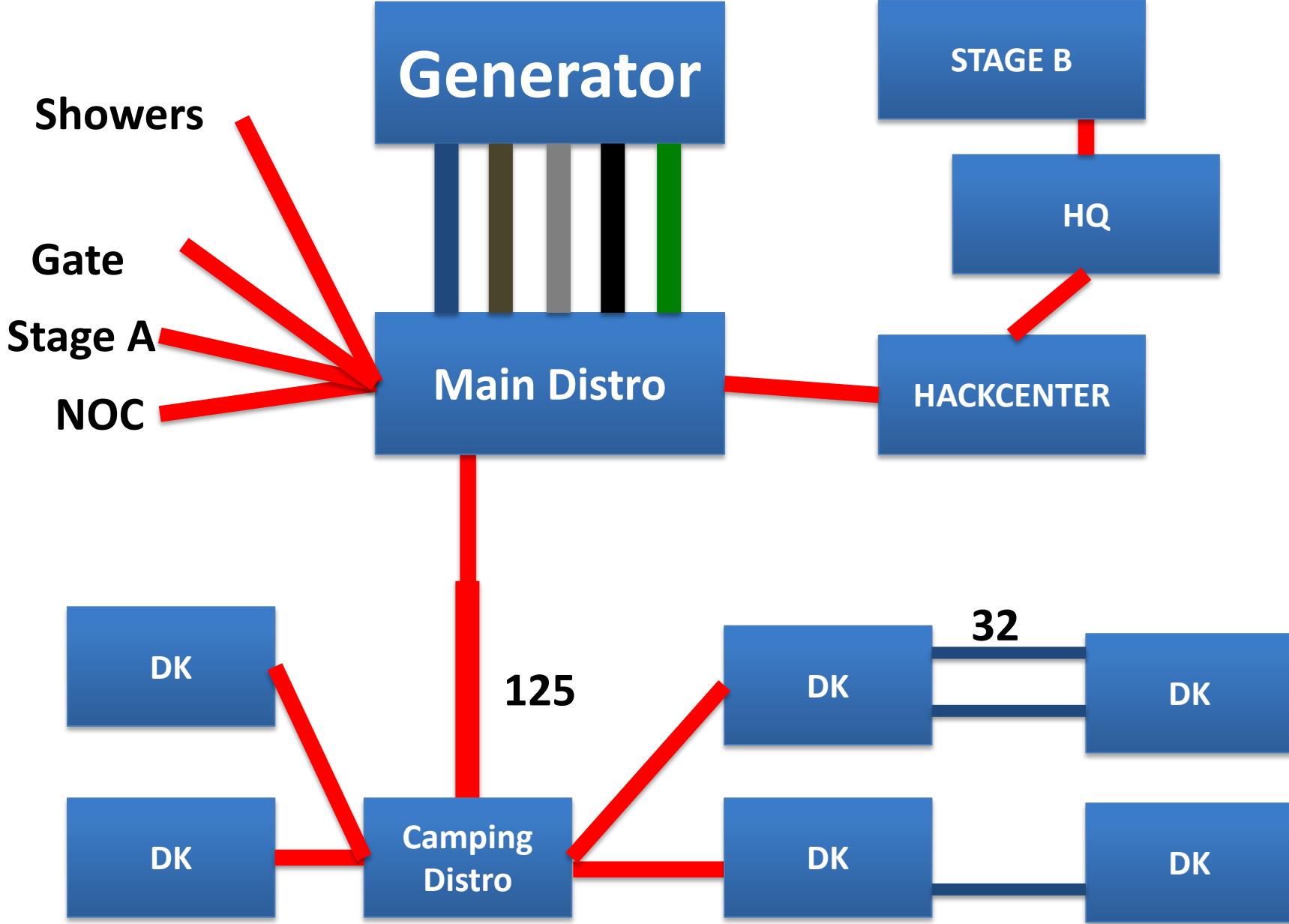




FORMULA  
LIMITED

SHOWER

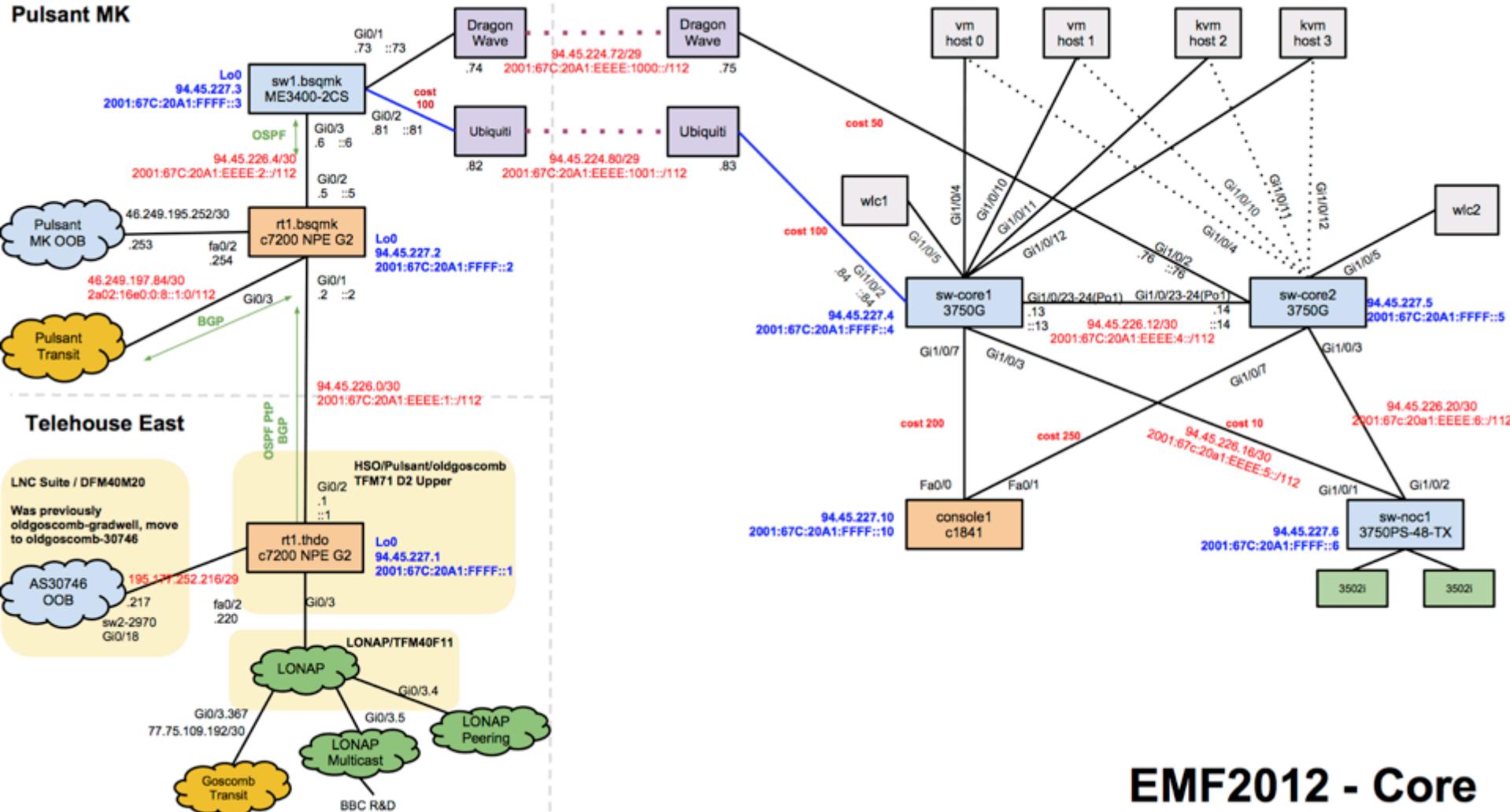
HELIPAD





# Internet

Pulsant MK

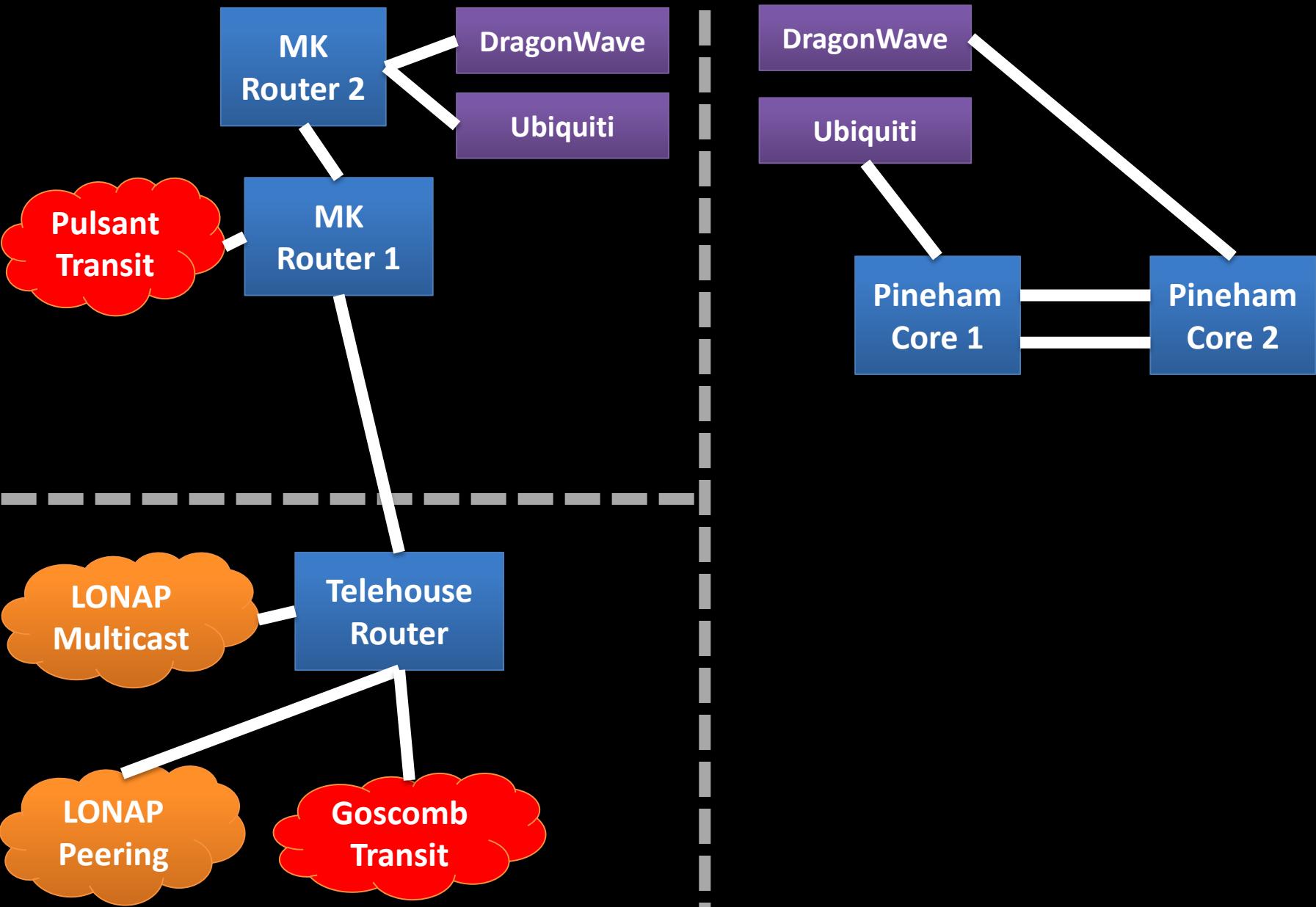


EMF2012 - Core

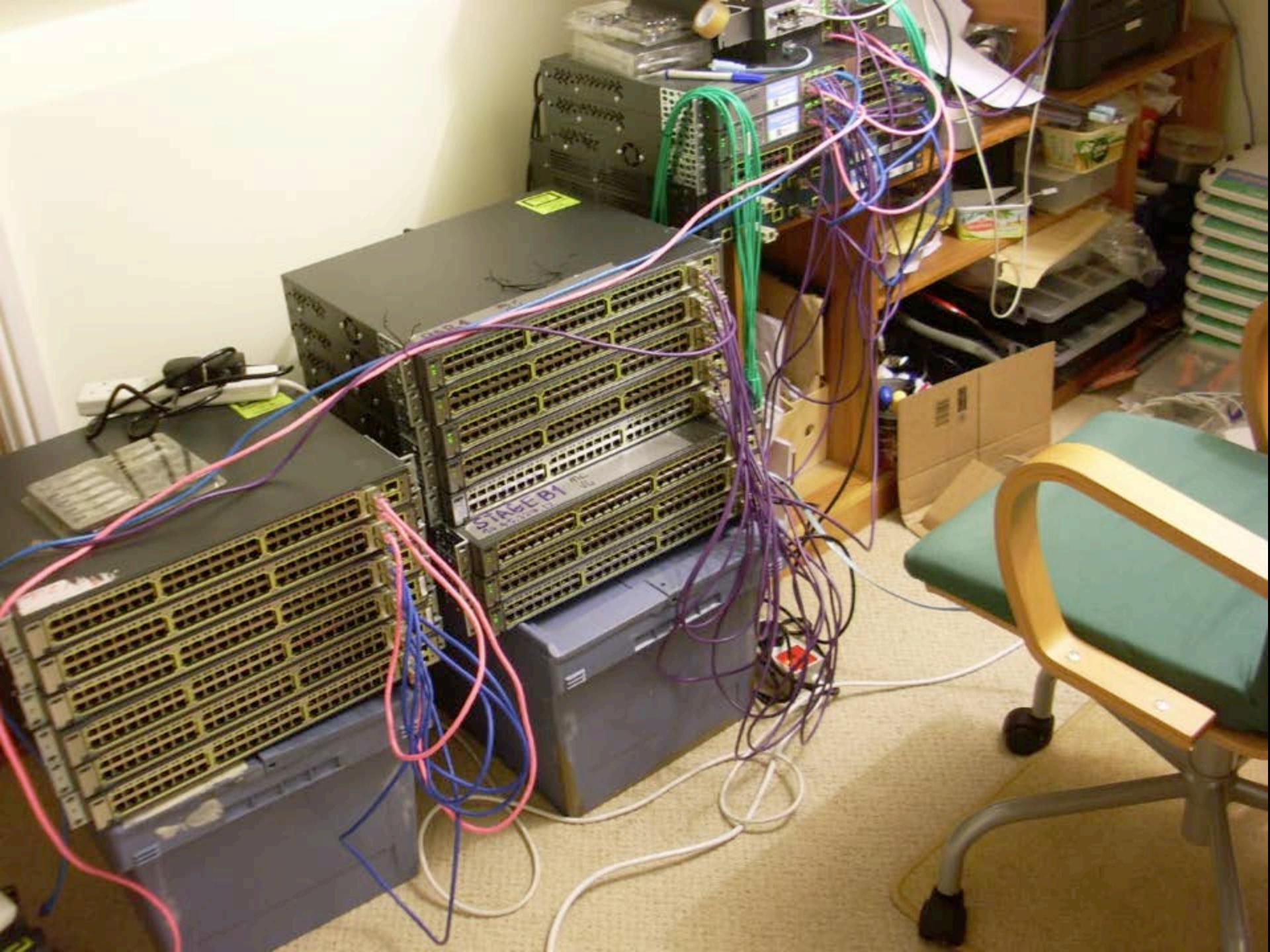


Let's discuss the quantities and types - and please be open with what you would need, it is better now to request too much and have spares than later during the event to discover that something is short of.

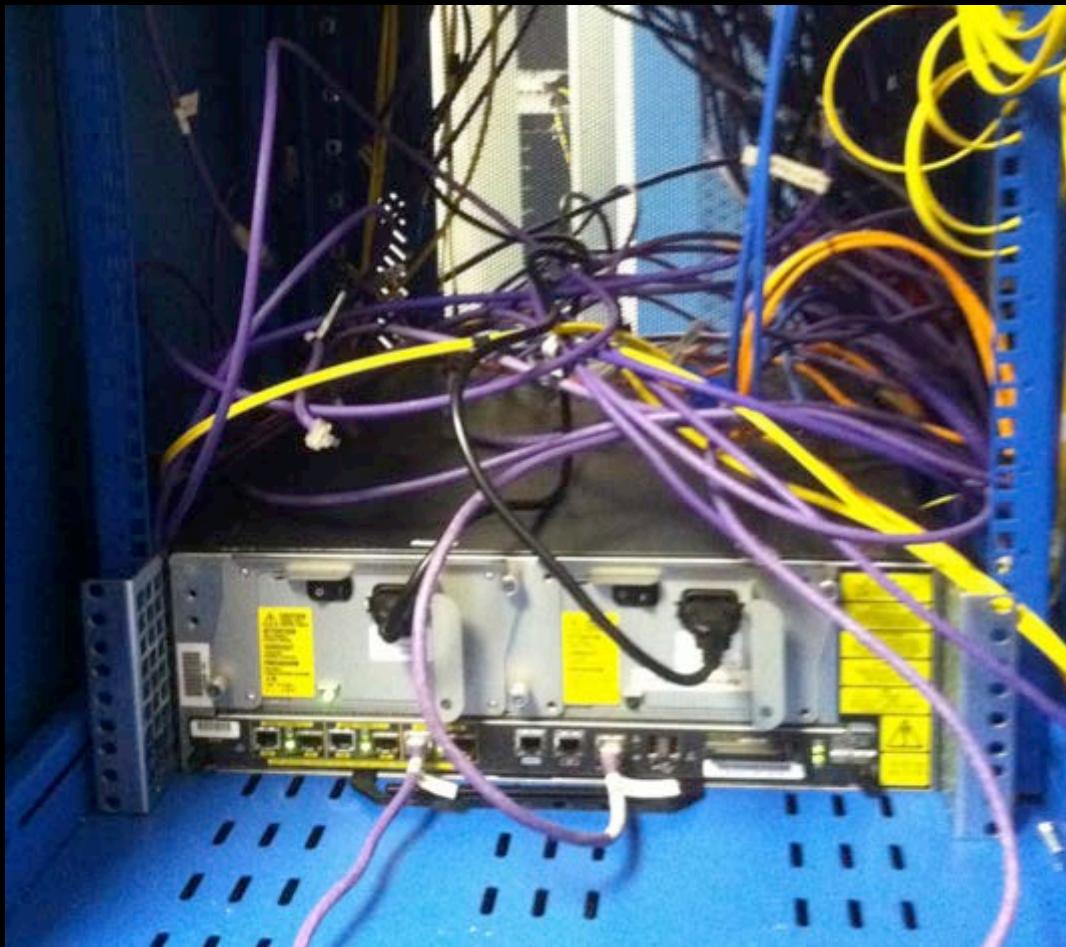
# Core network







# Telehouse



# Backhaul

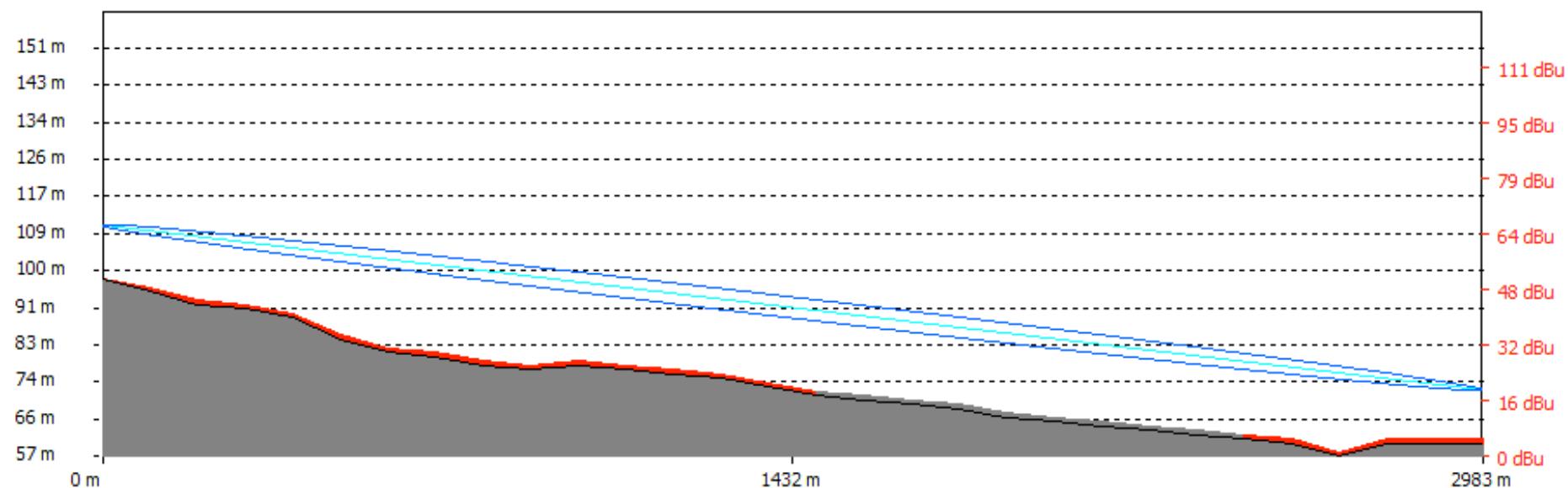




MK14 6LY  
MK14 6LY  
MK14 6LY



MK15 9LZ  
MK15 9LZ  
MK15 9LZ



[Tx] Pol:V

Altitude: 98.00 m  
Coord: 485251.00000 240465.00000 1 4NGR  
Antenna: 12.00 m  
EIRP (max): 177.00000 W 22.48 dBW 52.48 dBm  
Radiated power: 177.00000 W  
Angles - V: -0.74°(E) H: 76.43° OA: 76.43°  
Pattern loss - V: 0.00 dB H: 0.00 dB

Frequency: 38000.00000 Mhz - Propagation losses: 122.5 dB - Ducting: 0.0 dB  
Deygout - Attenuation: 0.0 dB - Ground reflections: 0.0 dB - Clutter: 0.0 dB  
1st 1/2 ellips.: 2.43 m - Earth: 8500 km (land) 8500 km (sea) - Rain: 0 dB - Gaz/Fog: 0.0000 dB

[Rx] Pol:V

Altitude: 60.00 m  
Coord: 488186.00000 241194.00000 1 4NGR  
Antenna: 12.00 m  
Threshold: 51.0 dBu - Target: 10.0 dB  
Gain: 0.00  
OAA: 103.57°  
Pattern loss: 0.00 dB

[Path]

Distance: 2983.5 m  
Angular distance: 2975.06 m  
H1 (m): 0.0(G) 42.3(W) 36.5 (Oku)  
PSO: 47.9 dB  
FSR: 98.9 dBu, -69.9 dBm, S(uV): 71.25  
Free space loss: 134 dB - EndToEnd: 122.4 dB  
Model atten: -11.1 dB

- rural 1 m
- suburban 1 m
- urban 8 m 1 m
- urban 15 m 1 m
- urban 30 m 1 m
- urban 50 m 1 m
- forest 1 m
- wood 1 m
- road or roof 1 m
- Hydro
- terrain
- free space









John

Mark

Paul











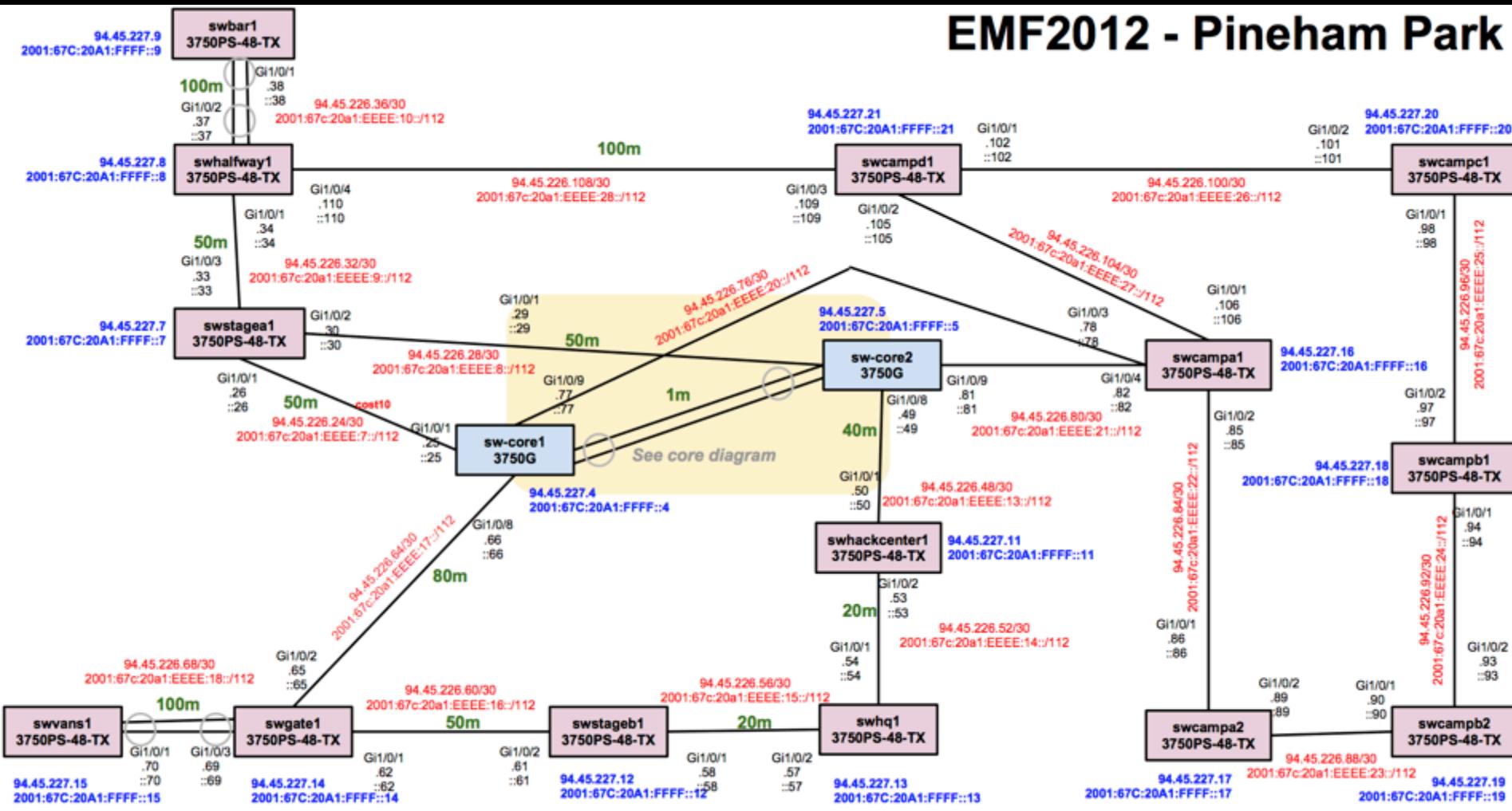




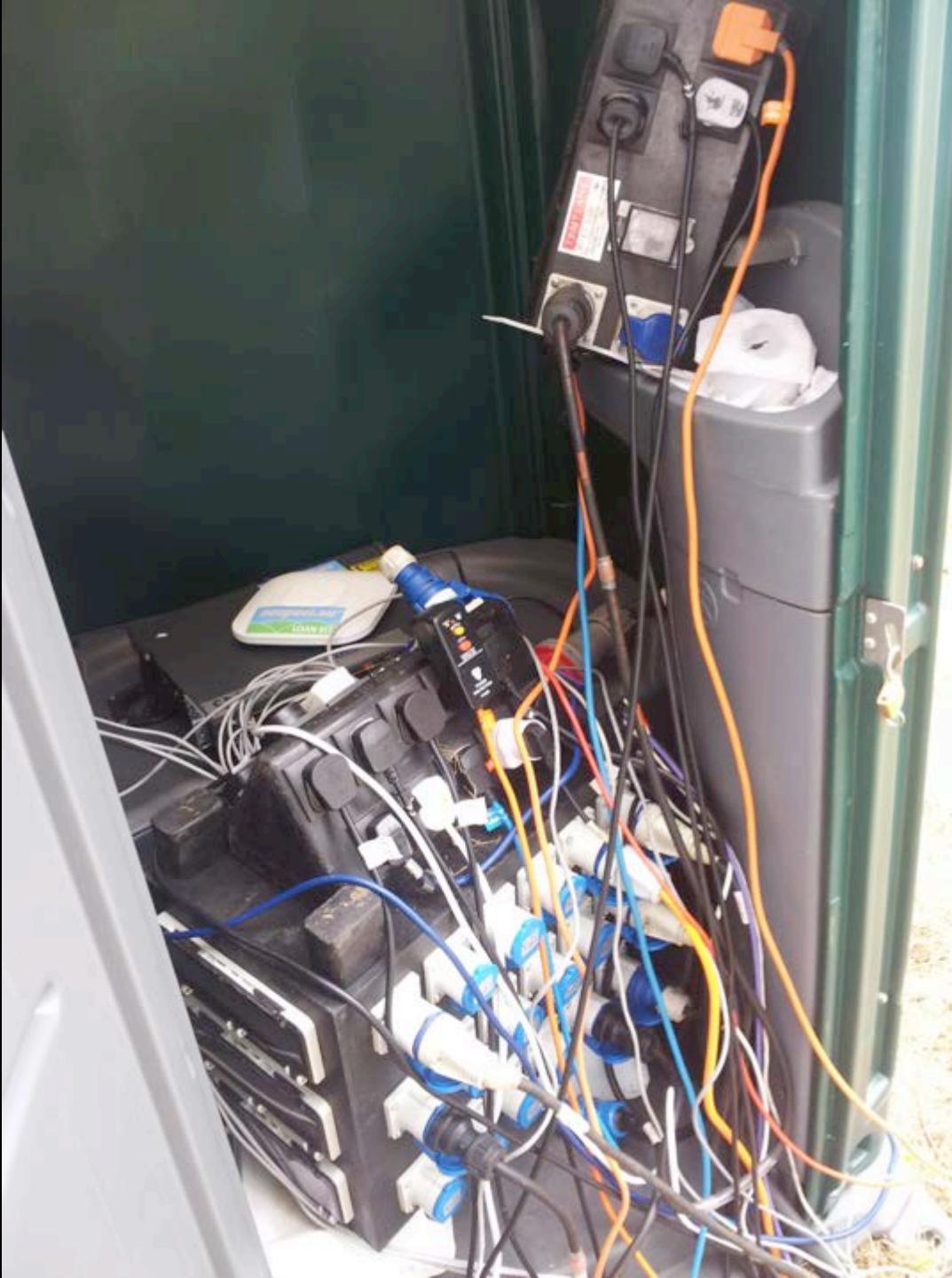




# EMF2012 - Pineham Park









[Home](#)

# Tweet

**Ash Mahmud**

@Ash\_Force



#awesome #wifi better #internet  
connection speed in a field  
@emfcamp than in london  
#rocking !!!! RT if you agree...  
shout out to @emfcamp

Retweeted by EMF 2012

10 hours ago

**Retweets**

1 &gt;



Home



Connect



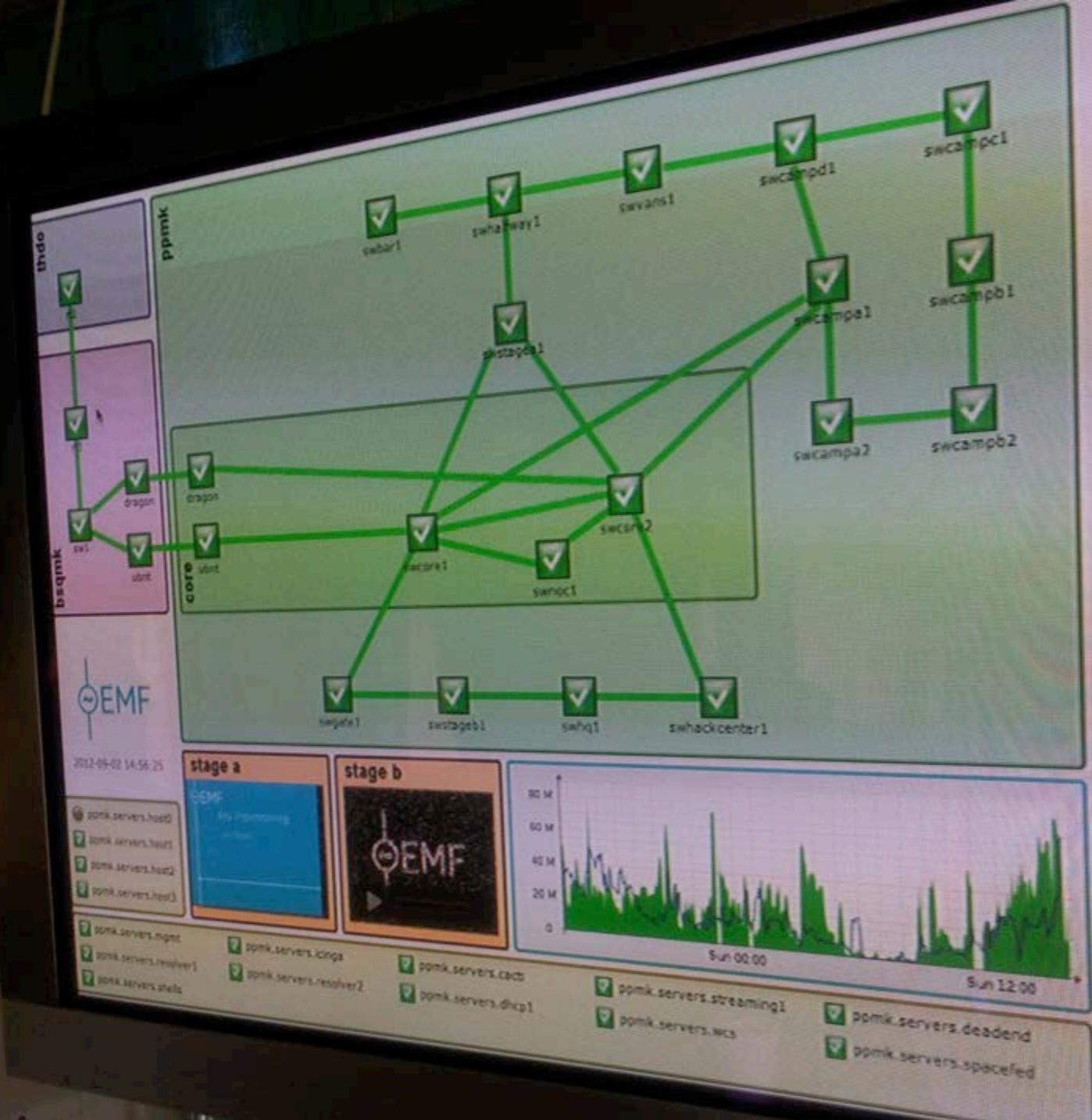
Discover



Me

```
Last login: Sun Sep  2 11:00:48 on ttys004          Sat 12:00  
emfcamp-248-65:~ nat$ ping www.bbc.co.uk  
PING www.bbc.net.uk (212.58.246.93): 56 data bytes To 2012/09/02  
64 bytes from 212.58.246.93: icmp_seq=0 ttl=54 time=3.944 ms  
64 bytes from 212.58.246.93: icmp_seq=1 ttl=54 time=4.029 ms
```





in 128.97 Mbits  
out 39.90 Mbits

PE45 671 5515 www.fencechiro.co.uk

Toby says:



**USE MOAR  
BANDWIDTH**



<http://stats.emfcamp.org>

Love, @emfnoc



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