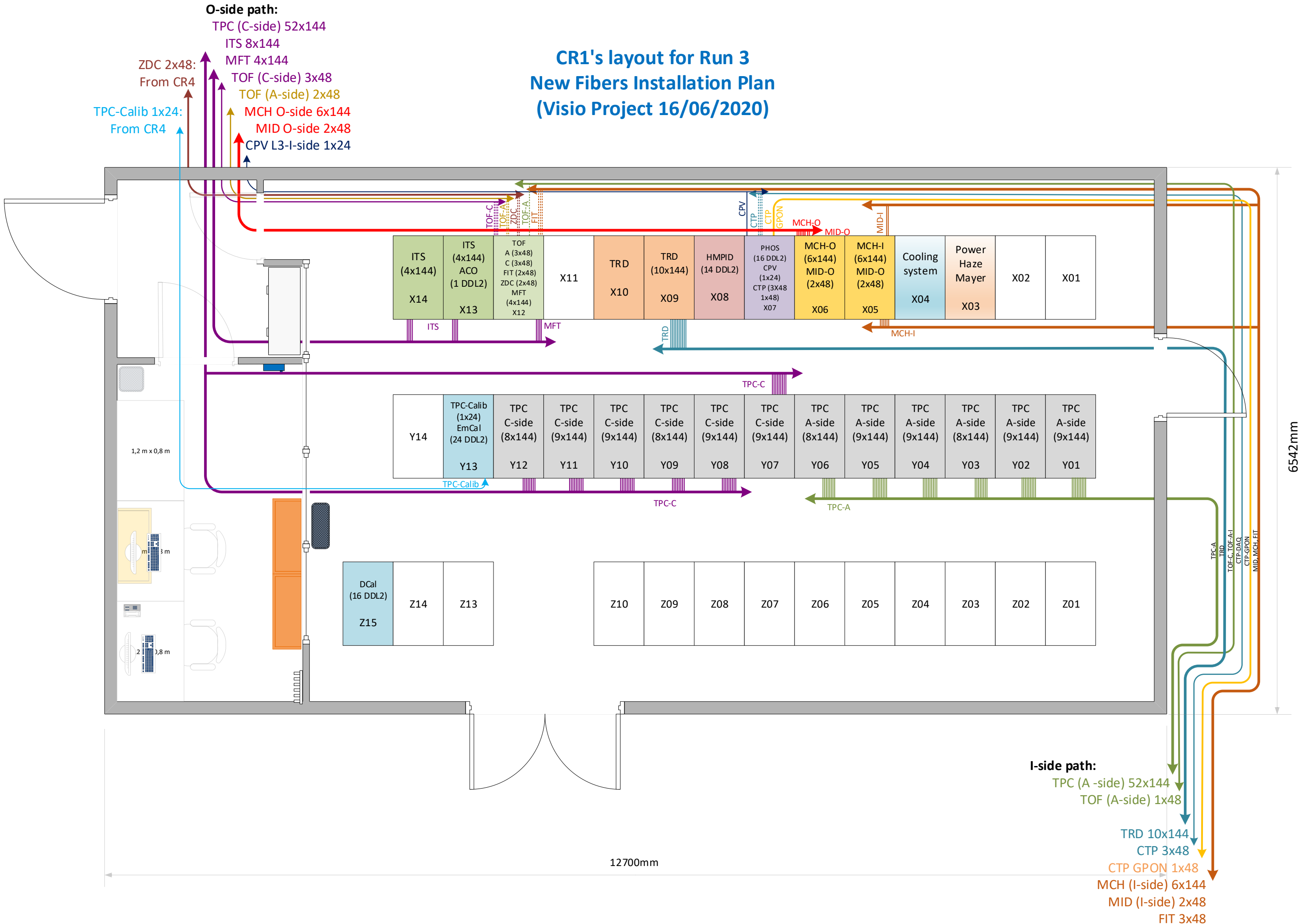
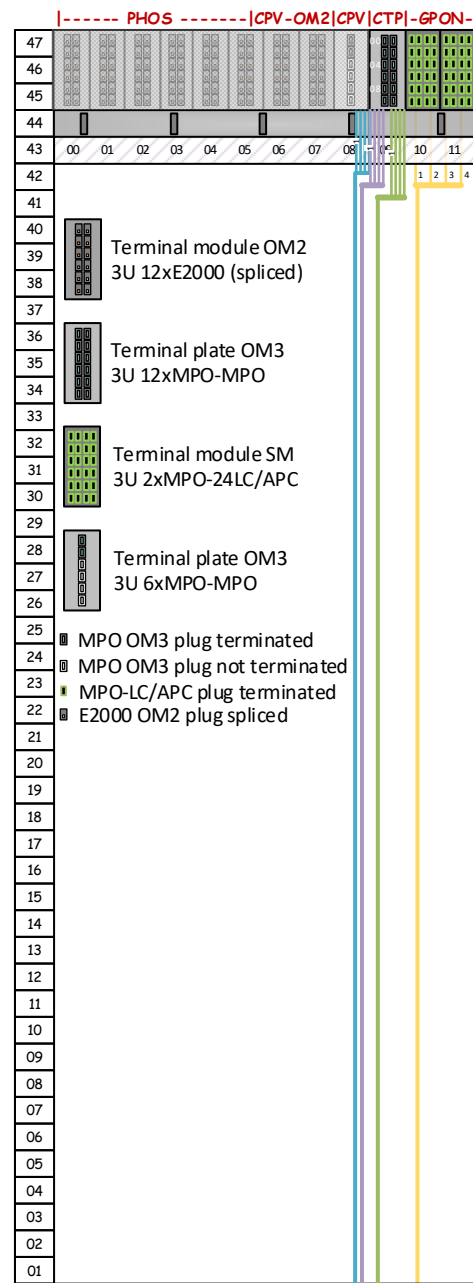


CR1's layout for Run 3
New Fibers Installation Plan
(Visio Project 16/06/2020)



CR1

1DAQC1YX07

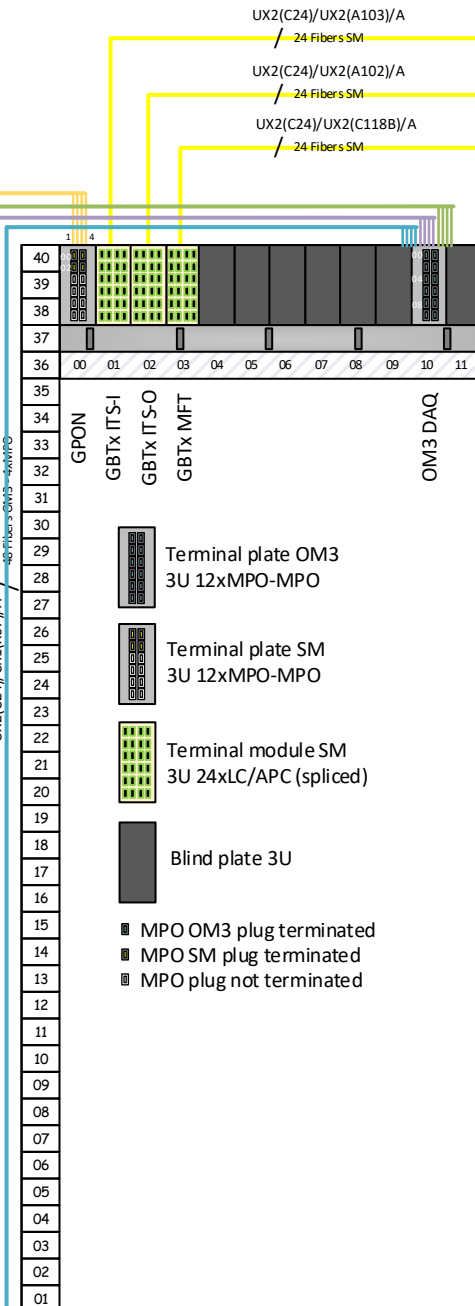


CR1-X07
Slot 09

D-96616 cord 1
D-96616 cord 3
D-96617 cord 1
D-96617 cord 3
D-96618 cord 1
D-96618 cord 3

145 m

C-side Bunker

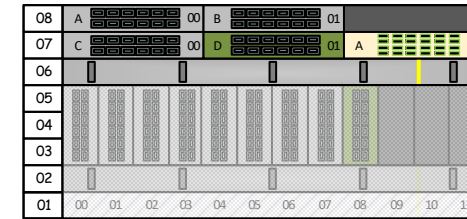


UX2-C24
Slot 10

D-96616 cord 1
D-96616 cord 3
D-96617 cord 1
D-96617 cord 3
D-96618 cord 1
D-96618 cord 3

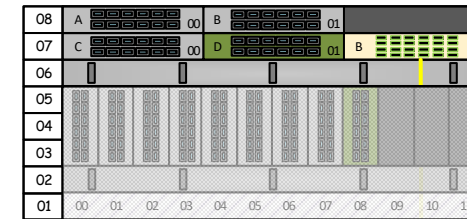
Mini-Frame and Absorber

1ITSU2YA103



ITS-I

1ITSU2YA102



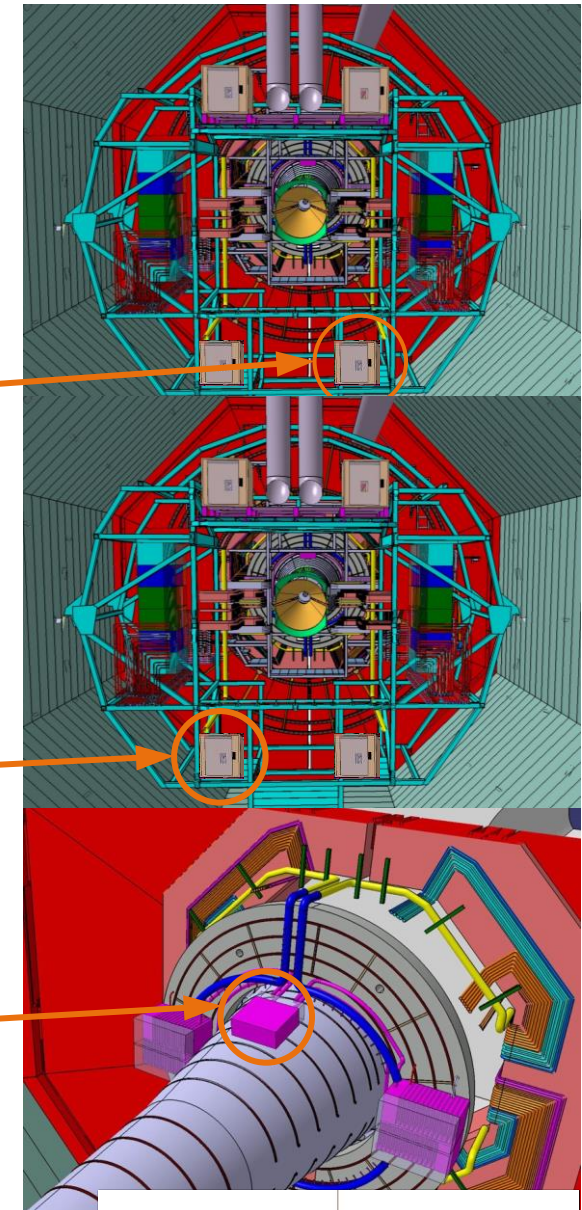
ITS-O

1MFTU2YC118A/B

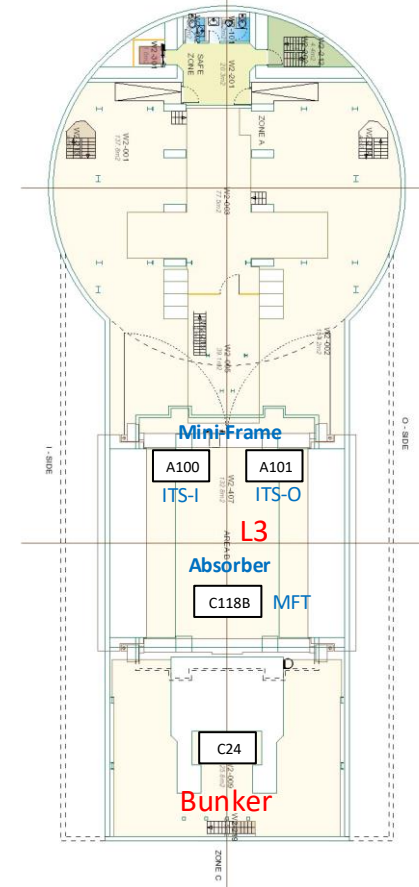


MFT

- Terminal plate OM3 3U 12xMPO-MPO
- Terminal plate OM3 3U 12xMPO-MPO (Spare)
- Terminal module SM 1U 24xLC/APC (spliced)
- Blind plate 3U
- MPO OM3 plug terminated
- LC/APC plug spliced



Direct Trigger



CR1

X14	X13	X12	X11	X10	X09	X08	X07	X06	X05	X04	X03	X02	X01
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

Y14	Y13	Y12	Y11	Y10	Y09	Y08	Y07	Y06	Y05	Y04	Y03	Y02	Y01
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

Z15	Z14	Z13
-----	-----	-----

Z10	Z09	Z08	Z07	Z06	Z05	Z04	Z03	Z02	Z01
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

1TRI2Y2C24

- SM GBTx
- SM GPON

UX2(C24)/CR1(X07)/A: s.n. D-96616 82
UX2(C24)/CR1(X07)/B: s.n. D-96617 83
UX2(C24)/CR1(X07)/C: s.n. D-96618 84
UX2(C24)/CR1(X07)/D: s.n. D-96619 85

UX2(C24)/UX2(A103)/A: s.n. GBTx-ITS-A-I —
UX2(C24)/UX2(A102)/A: s.n. GBTx-ITS-A-O —
UX2(C24)/UX2(C118B)/A: s.n. GBTx-MFT-C —

Detectors: CTP, GPON
ITS, MFT (Direct Trigger)

Fiber cables:
3 trunk cables OM3 MPO-MPO (48F)
1 trunk cable SM MPO-MPO (48F) GPON

Path: I-side from Bunker (C-side)

Fiber cables:
3 micro-duct cables SM (24F) GBTx

Path: Inside L3 from Bunker (C-side)

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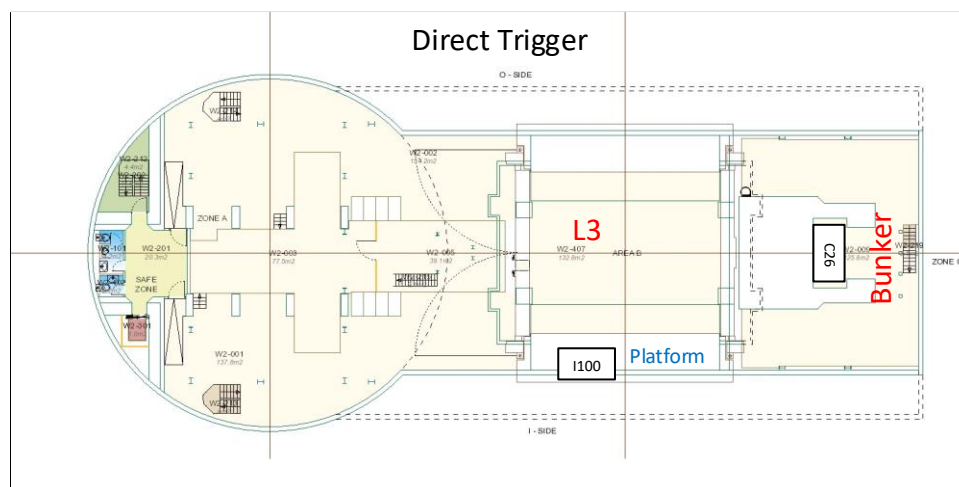
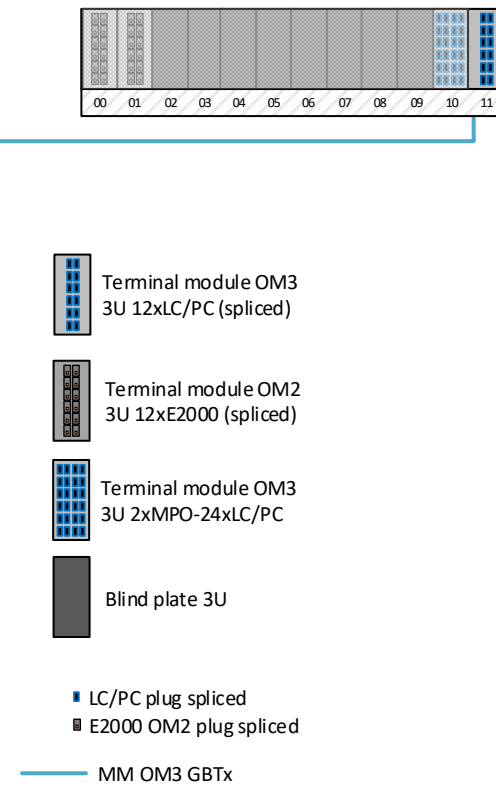
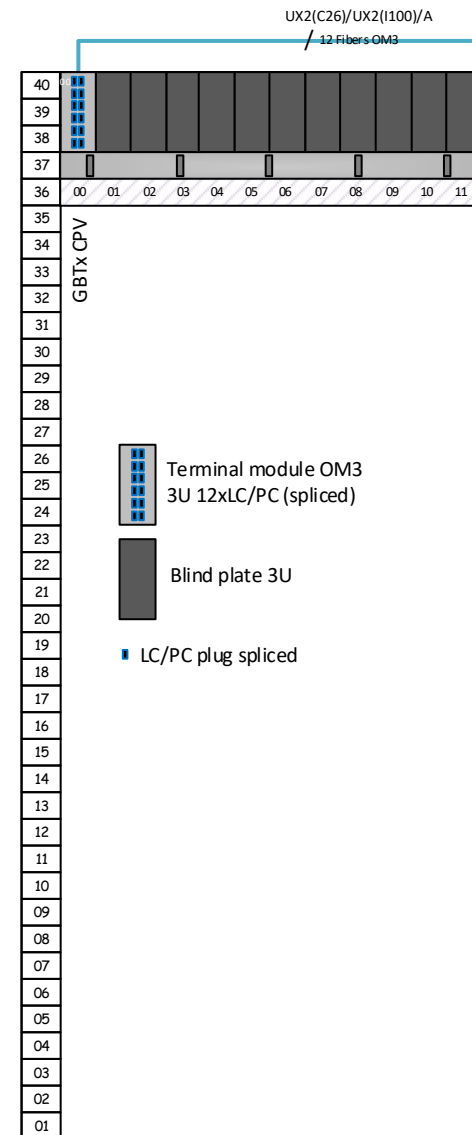
1TRIU2YC26

1CPVU2YI100

Detector: **CPV (Direct Trigger)**

Path: Inside L3 from Bunker (C-side)

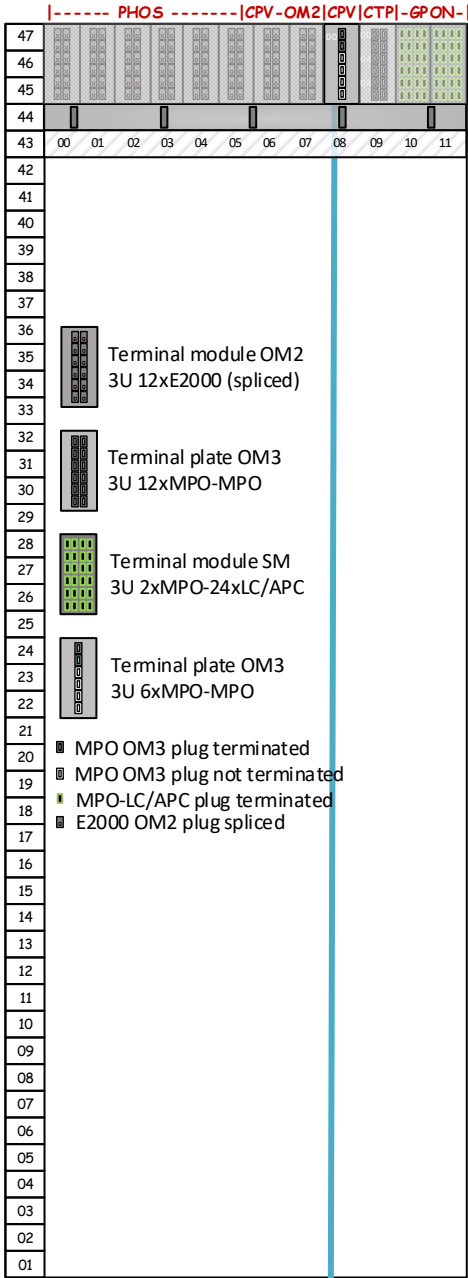
Giuseppe Simonetti



UX2(C26)/UX2(I100)/A: s.n. GBTx-CPV-I

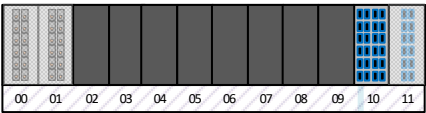
CR1

1DAQC1YX07



L3 platform

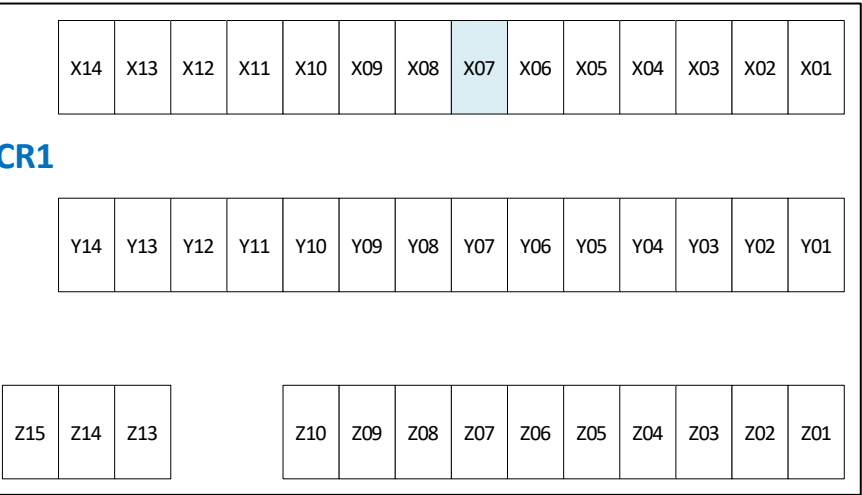
1CPVU2YI100



CPV



CR1



UX2(I100)/CR1(X07)/A: s.n. D-102823 105

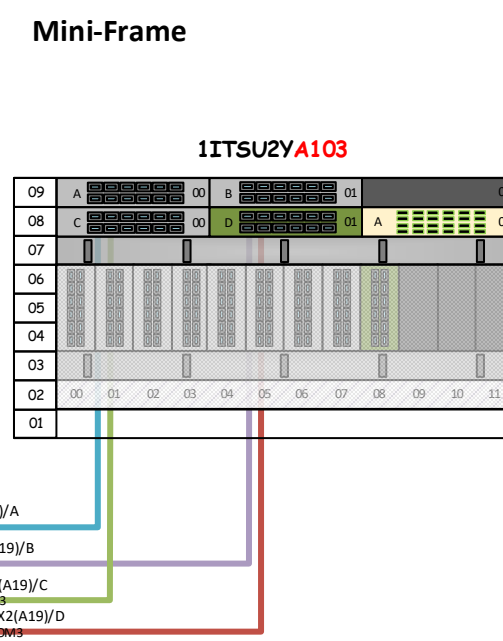
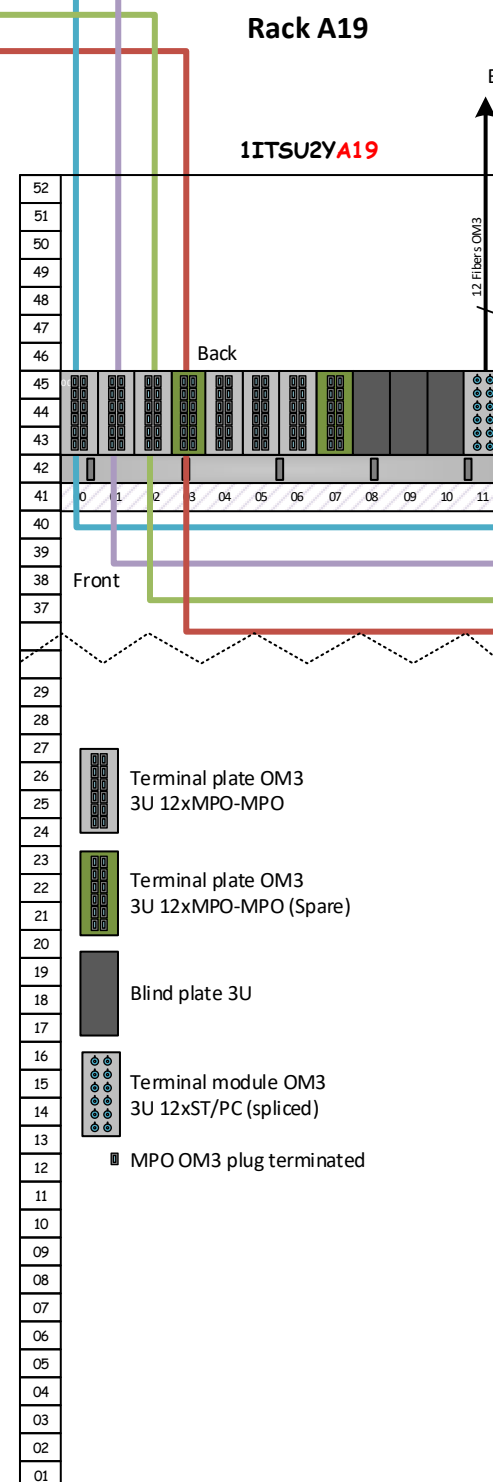
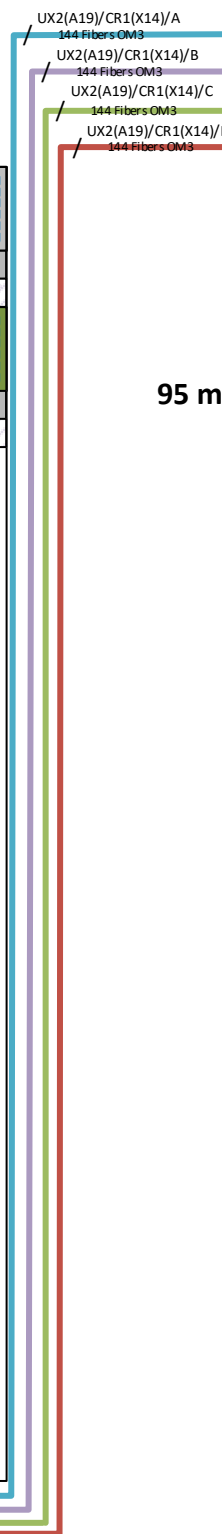
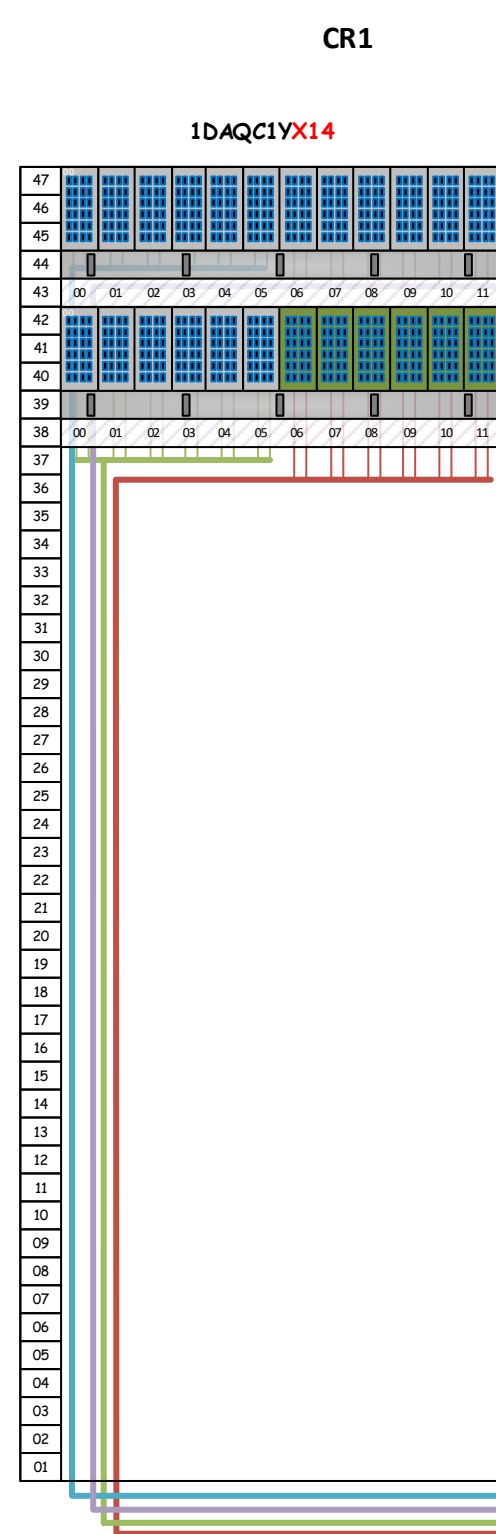
Detector: CPV

Fiber cables:
1 trunk cable OM3 MPO-MPO (24F)

Path: O-side from L3 (I-side platform)

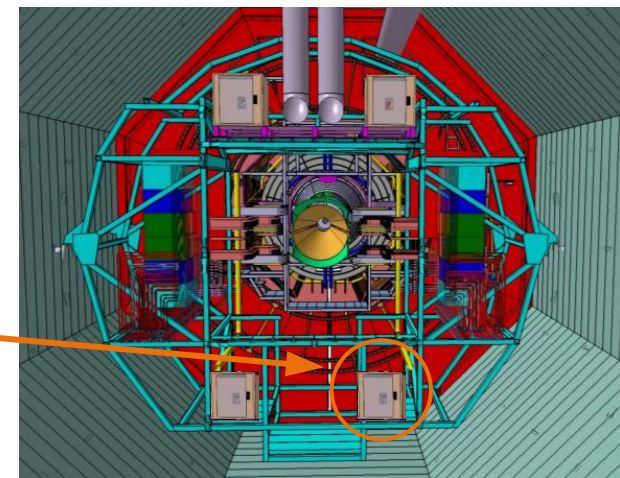
Giuseppe Simonetti

- Terminal plate OM3
3U 2xMPO-24xLC/PC
- Terminal plate OM3
3U 2xMPO-24xLC/PC
(Spare)
- LC/PC plug terminated



- Terminal plate OM3
1U 12xMPO-MPO
- Terminal plate OM3
1U 12xMPO-MPO (Spare)
- Terminal module SM
1U 24xLC/APC (spliced)
- Blind plate 3U
- MPO OM3 plug terminated
- LC/APC plug spliced

ITS-I



27m trunks:

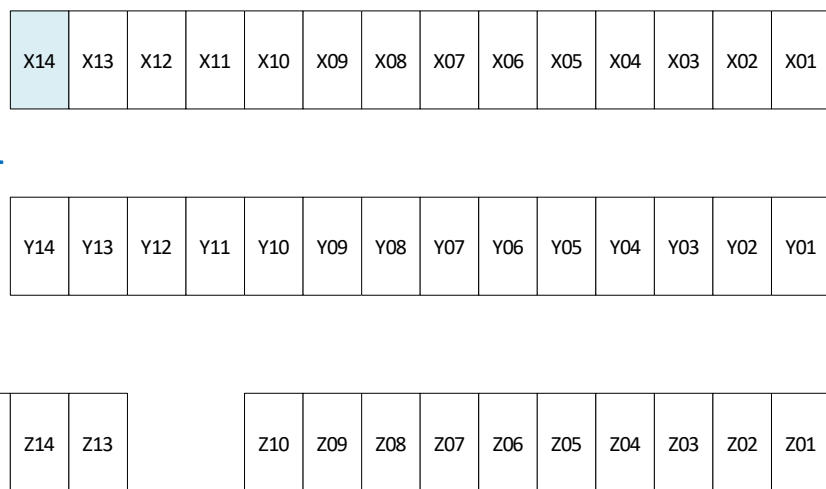
UX2(A103)/UX2(A19)/A: s.n. D-96581

UX2(A103)/UX2(A19)/B: s.n. D-96582

UX2(A103)/UX2(A19)/C: s.n. D-96583

UX2(A103)/UX2(A19)/D: s.n. D-96584

CR1



95m trunks:

UX2(A19)/CR1(X14)/A: s.n. D-96589 11

UX2(A19)/CR1(X14)/B: s.n. D-96590 12

UX2(A19)/CR1(X14)/C: s.n. D-96591 13

UX2(A19)/CR1(X14)/D: s.n. D-96592 14

BCM conventional cable:

UX2(A19)/CR4(X10)/A: s.n. —

Detector: **ITS-A-I-side, BCM**

Fiber cables:

4 trunk cables OM3 MPO-MPO (144F)

1 conventional cable OM3 ST-ST (12F)

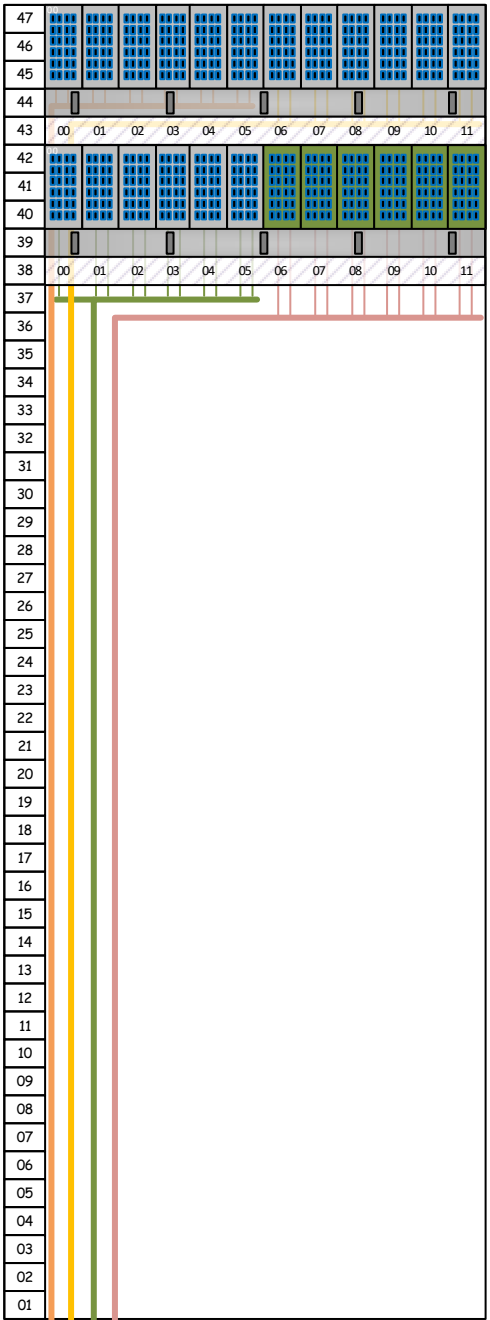
Path: O-side from Mini-Frame (A-side)

Giuseppe Simonetti

CR1

1DAQC1YX13

- Terminal plate OM3
3U 2xMPO-24xLC/PC
- Terminal plate OM3
3U 2xMPO-24xLC/PC
(Spare)
- LC/PC plug terminated

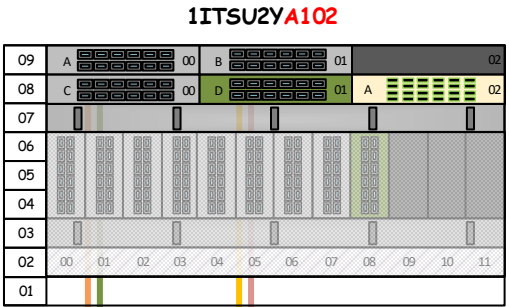
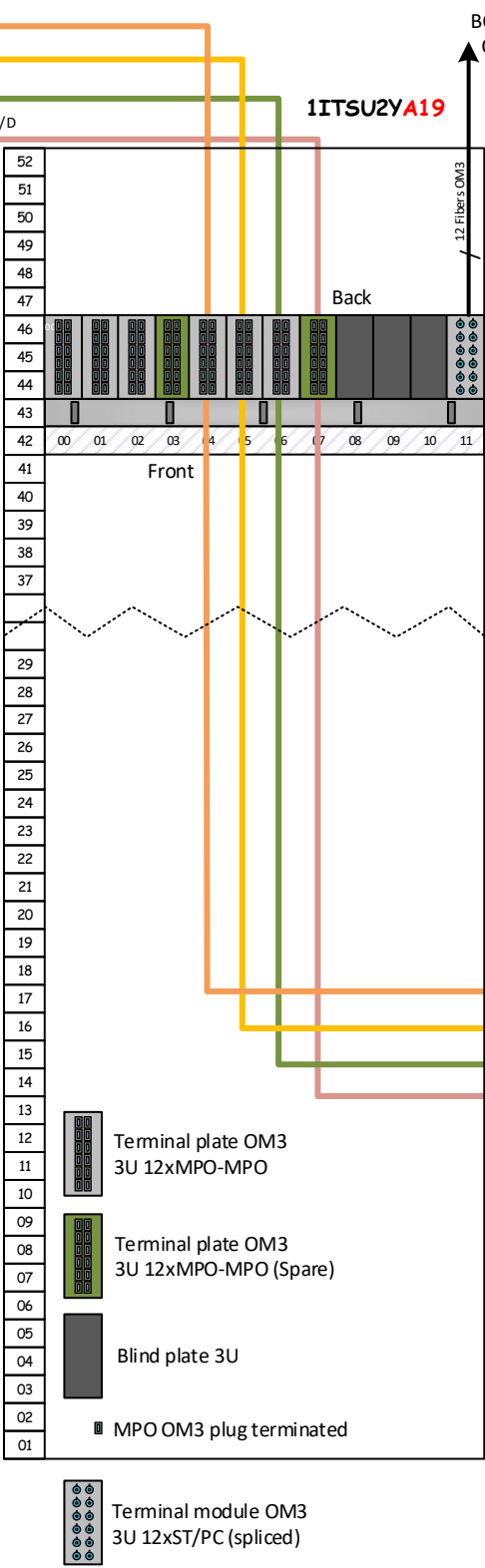


Rack A19

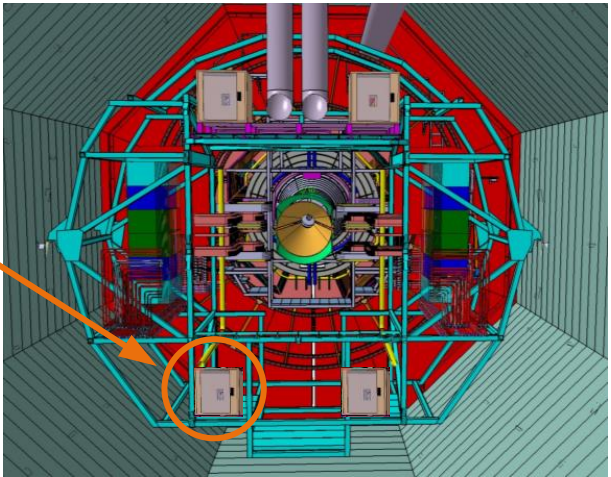
Mini-Frame

95 m

27 m



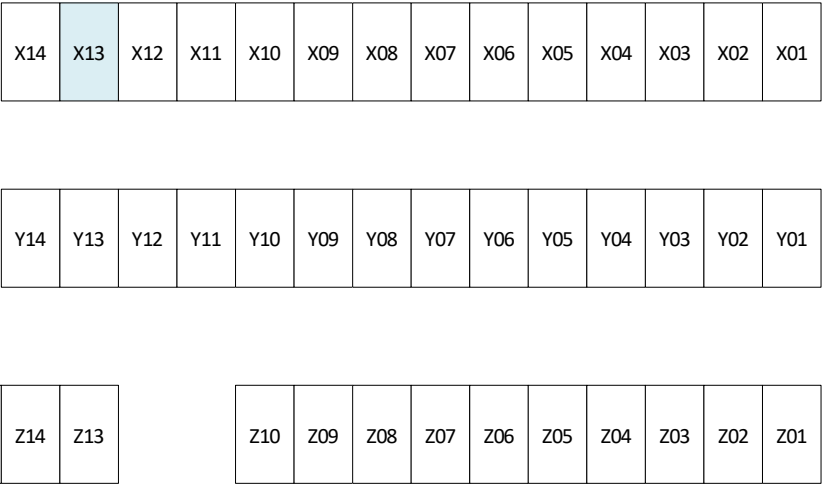
ITS-O



27m trunks:

UX2(A102)/UX2(A19)/A: s.n. D-96585
UX2(A102)/UX2(A19)/B: s.n. D-96586
UX2(A102)/UX2(A19)/C: s.n. D-96587
UX2(A102)/UX2(A19)/D: s.n. D-96588

CR1



95m trunks:

UX2(A19)/CR1(X13)/A: s.n. D-96593 15
UX2(A19)/CR1(X13)/B: s.n. D-96594 16
UX2(A19)/CR1(X13)/C: s.n. D-96595 17
UX2(A19)/CR1(X13)/D: s.n. D-96596 18

BCM conventional cable:

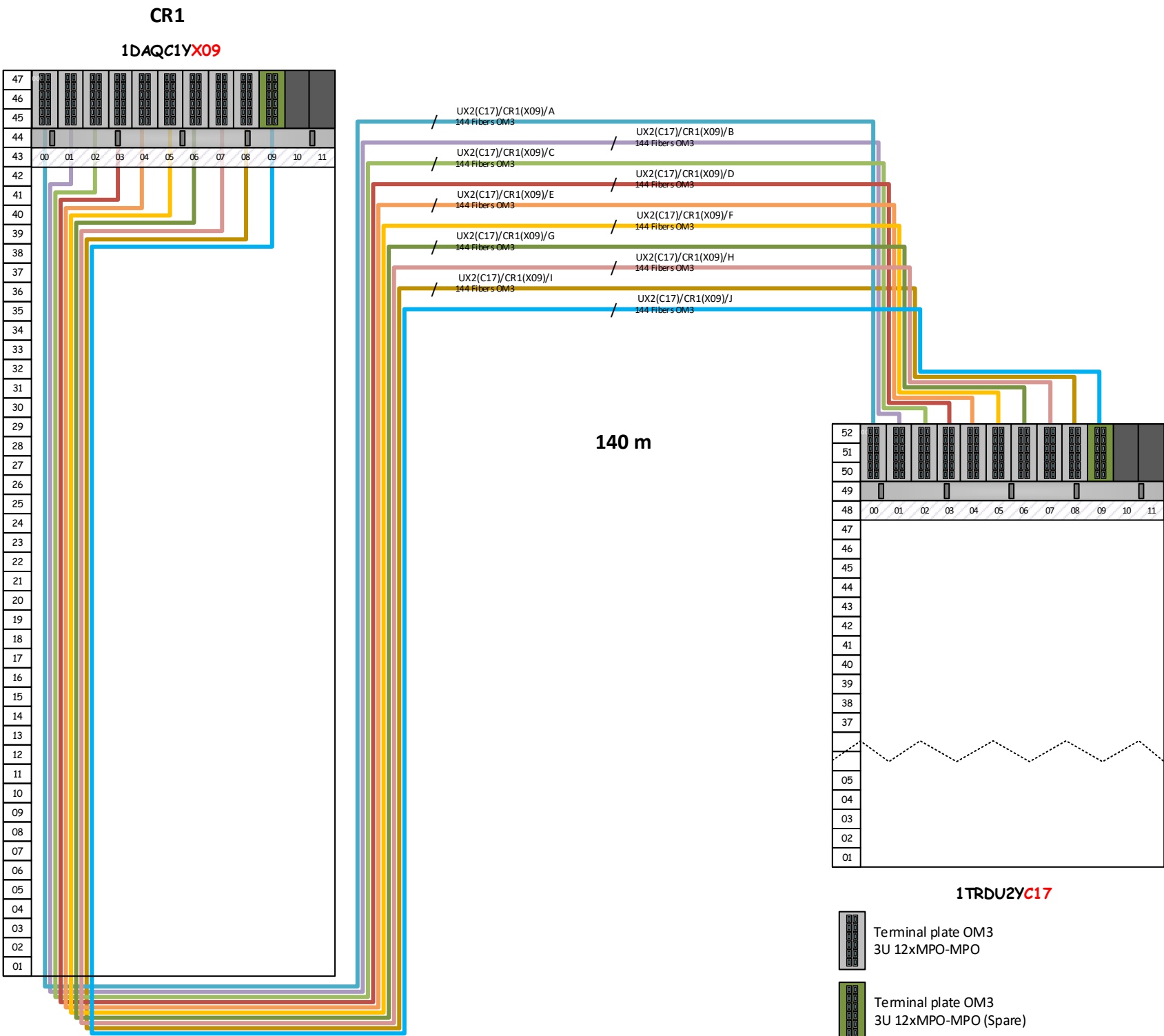
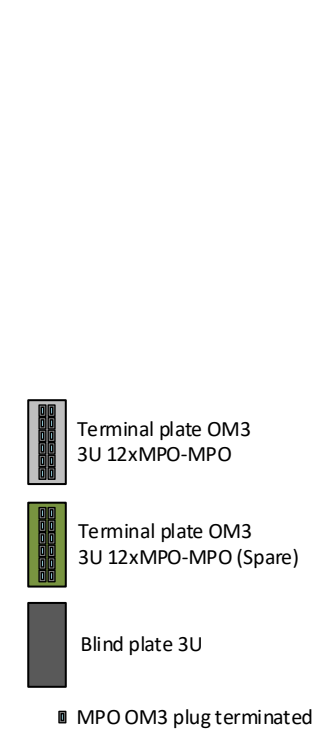
UX2(A19)/CR4(X10)/A: s.n. BCM-A

Detector: ITS-A-O-side, BCM-A

Fiber cables:
4 trunk cables OM3 MPO-MPO (144F)
1 conventional cable OM3 ST-ST (12F)

Path: O-side from Mini-Frame (A-side)

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UX2(C17)/CR1(X09)/A:	s.n. D-96572	69
UX2(C17)/CR1(X09)/B:	s.n. D-96573	70
UX2(C17)/CR1(X09)/C:	s.n. D-96574	71
UX2(C17)/CR1(X09)/D:	s.n. D-96575	72
UX2(C17)/CR1(X09)/E:	s.n. D-96576	73
UX2(C17)/CR1(X09)/F:	s.n. D-96577	74
UX2(C17)/CR1(X09)/G:	s.n. D-96578	75
UX2(C17)/CR1(X09)/H:	s.n. D-96579	76
UX2(C17)/CR1(X09)/I:	s.n. D-96580	77
UX2(C17)/CR1(X09)/J:	s.n. D-99541	78

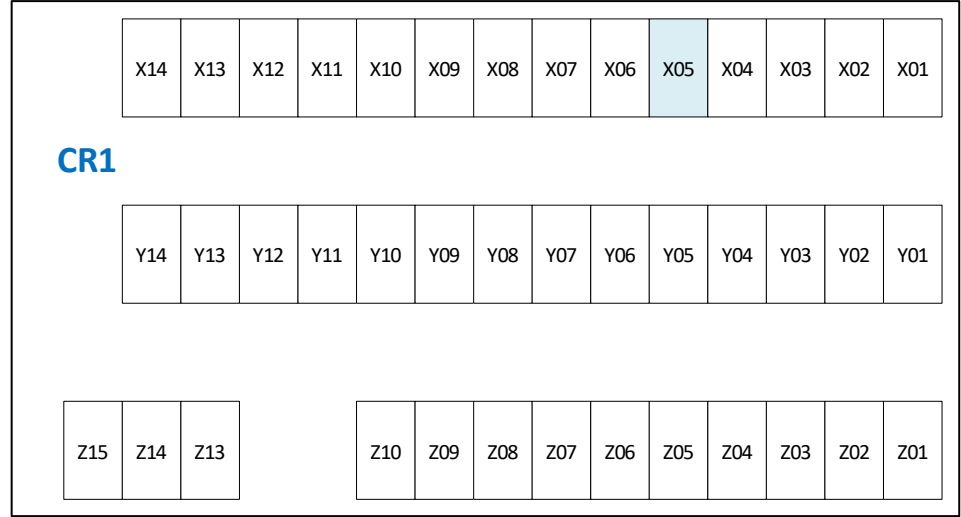
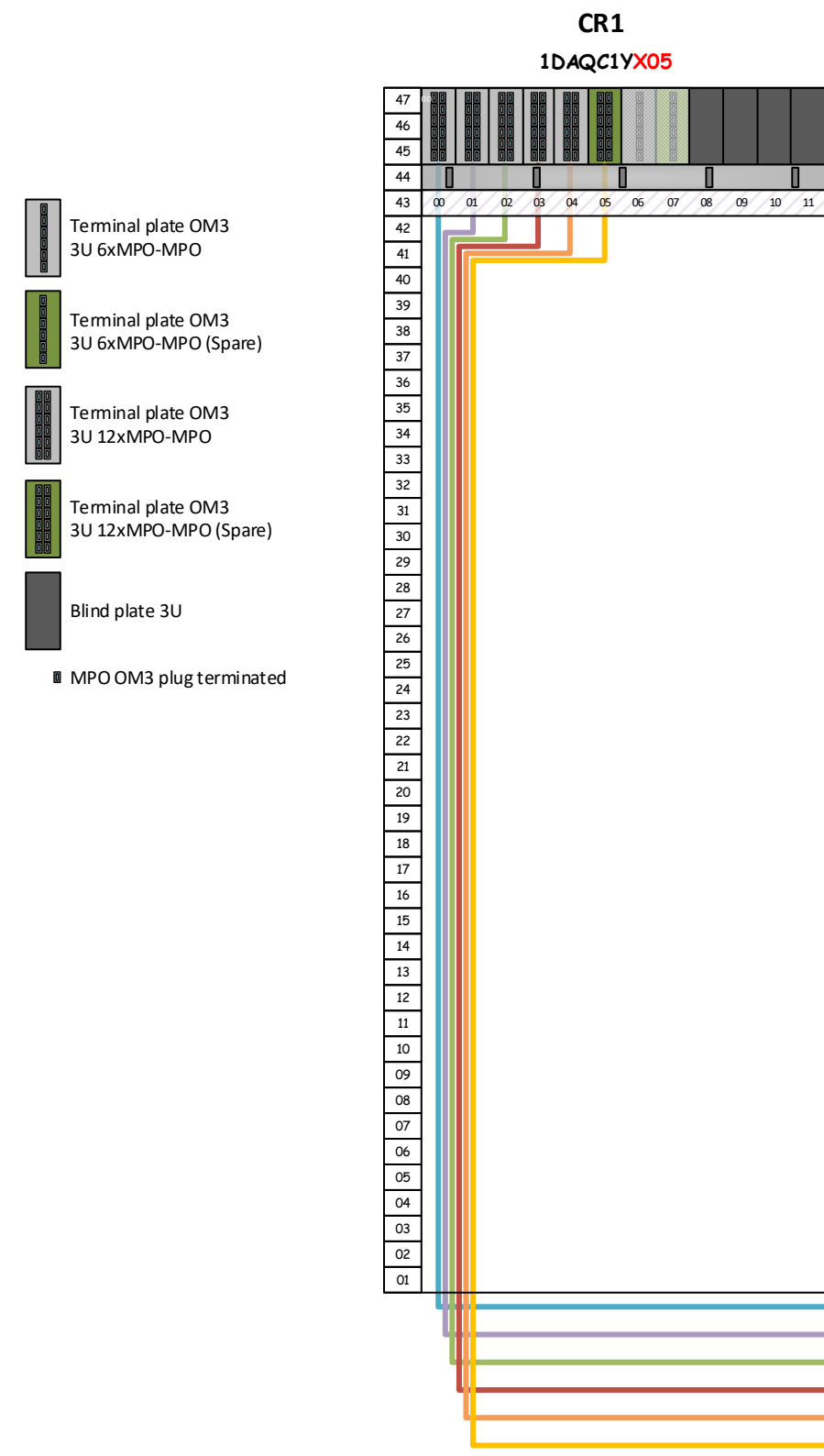
Detector: TRD

Fiber cables:

10 trunk cables OM3 MPO-MPO (144F)

Path: I-side from Bunker (C-side)

Giuseppe Simonetti



UX2(C119)/CR1(X05)/A: s.n. D-96559	9
UX2(C119)/CR1(X05)/B: s.n. D-96560	10
UX2(C119)/CR1(X05)/C: s.n. D-96571	11
UX2(C119)/CR1(X05)/D: s.n. D-96562	12
UX2(C119)/CR1(X05)/E: s.n. D-96563	13
UX2(C119)/CR1(X05)/F: s.n. D-96564	14



Detector: MCH I-side

Fiber cables:

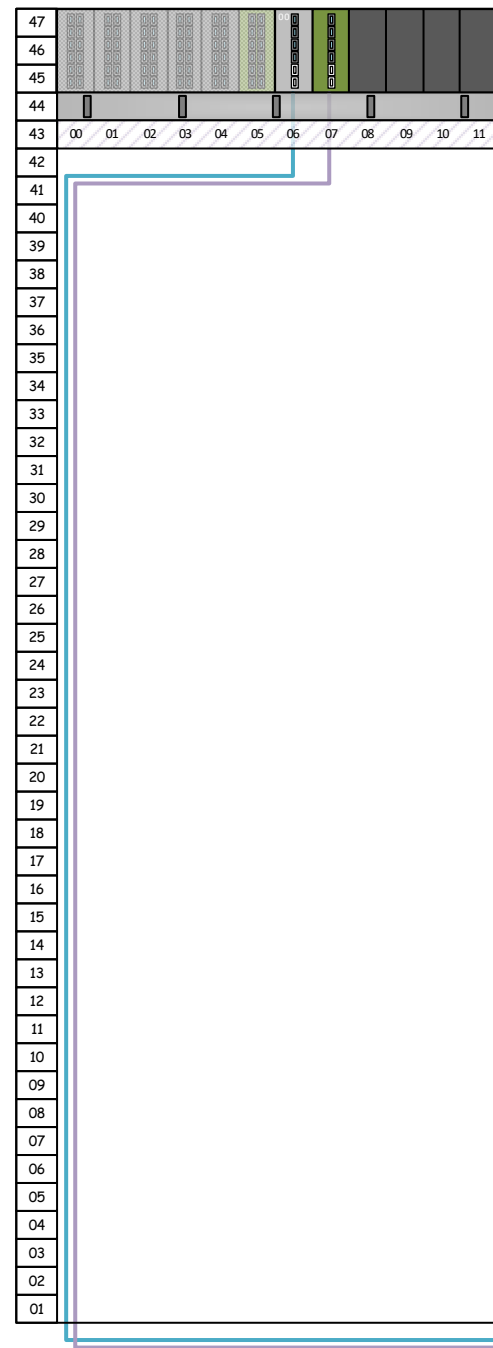
6 trunk cables OM3 MPO-MPO (144F)

Path: I-side from Muon (C-side)

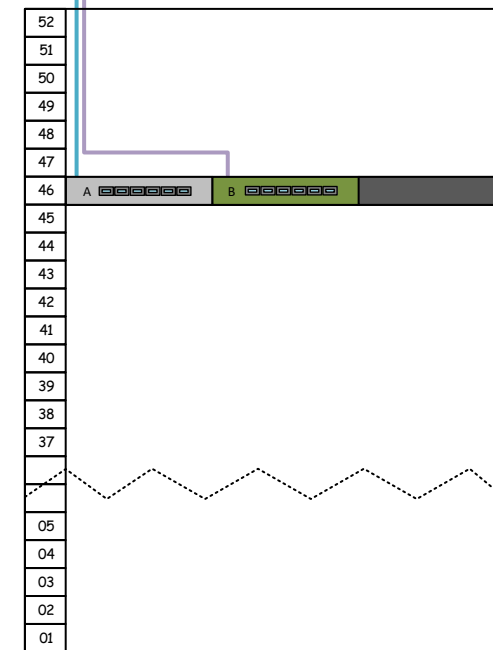
Giuseppe Simonetti

CR1
1DAQC1YX05

- Terminal plate OM3
3U 6xMPO-MPO
- Terminal plate OM3
3U 6xMPO-MPO (Spare)
- Terminal plate OM3
3U 12xMPO-MPO
- Terminal plate OM3
3U 12xMPO-MPO (Spare)
- Blind plate 3U
- MPO OM3 plug terminated
- MPO OM3 plug not terminated



117 m



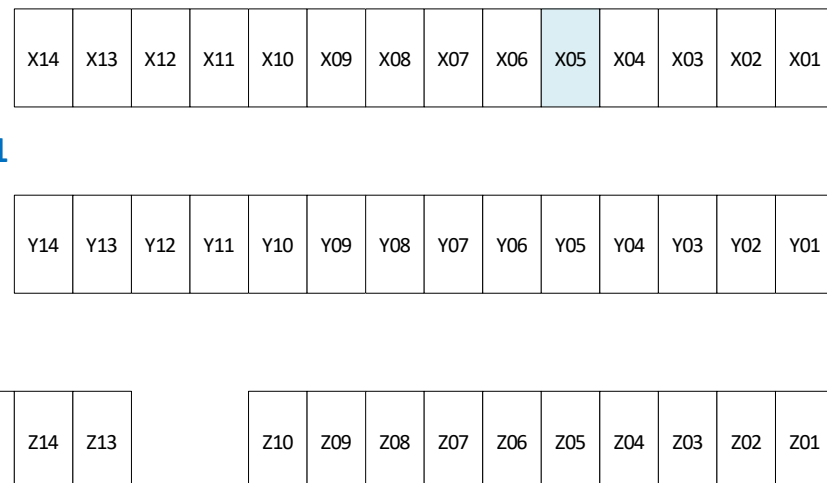
1MIDU2YI36

- Terminal plate OM3
1U 12xMPO-MPO
- Terminal plate OM3
1U 12xMPO-MPO (Spare)
- Blind plate 3U
- MPO OM3 plug terminated
- MPO OM3 plug not terminated

MID-I



CR1



UX2(I36)/CR1(X05)/A: s.n. D-96603 15
UX2(I36)/CR1(X05)/B: s.n. D-96604 16

Detector: MID I-side

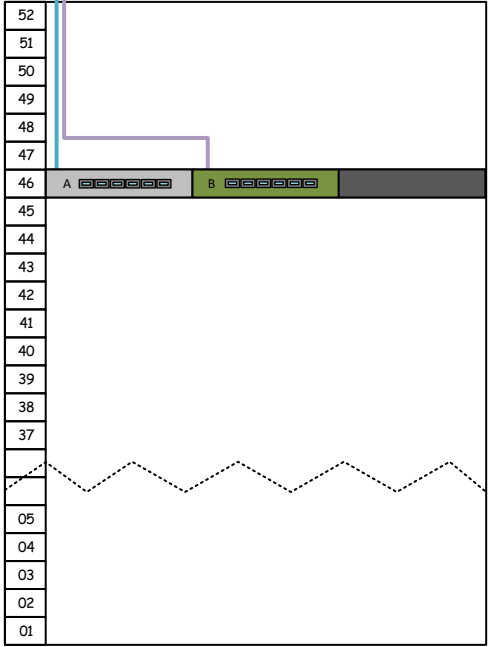
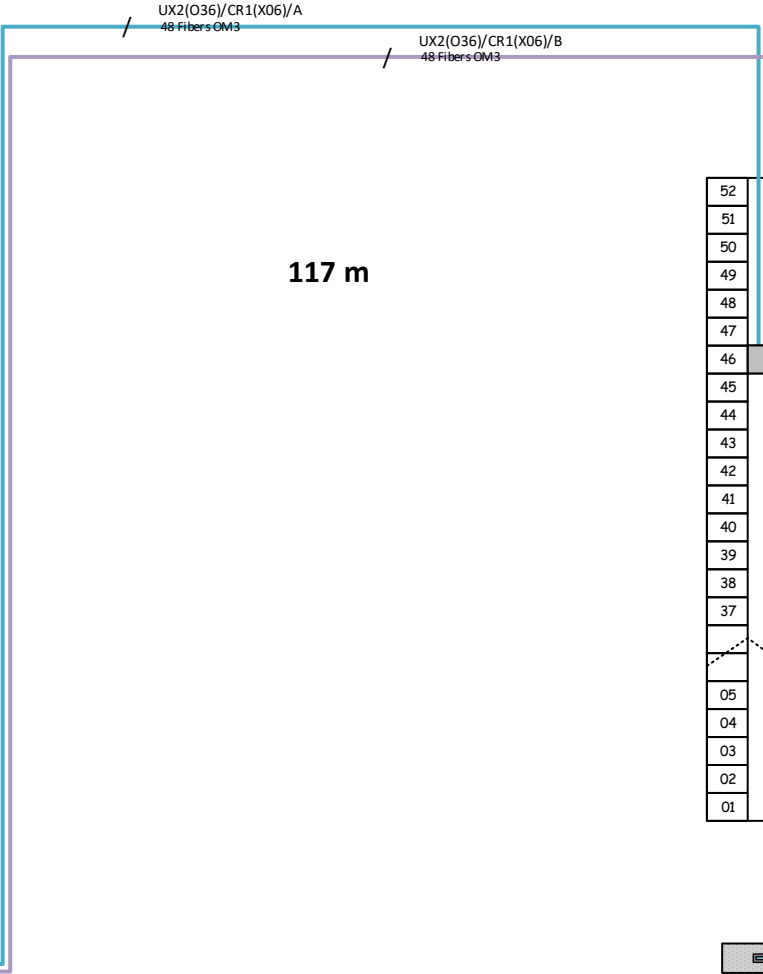
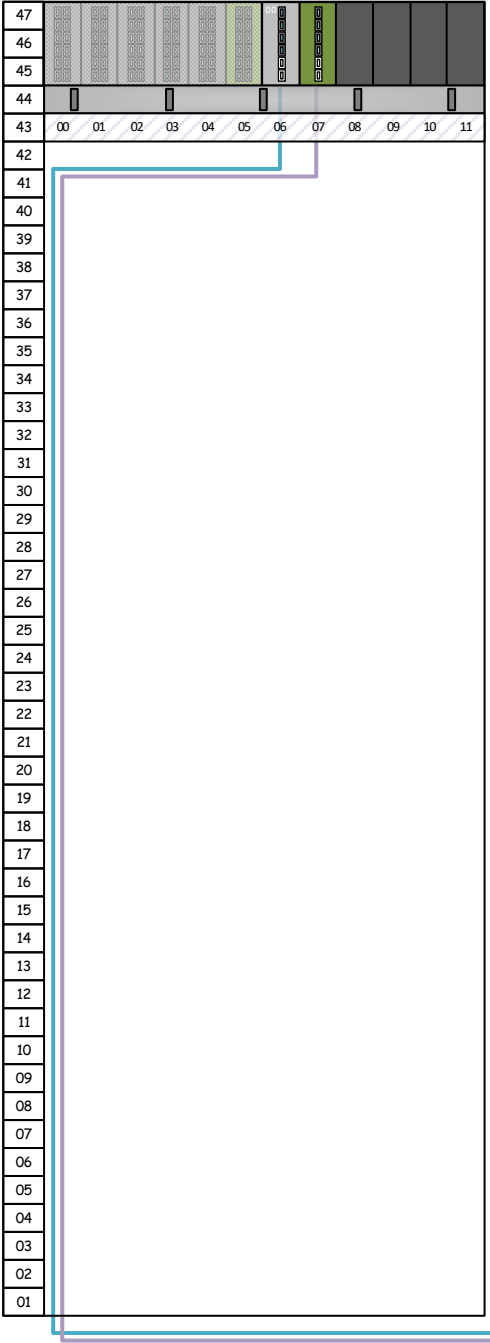
Fiber cables:
2 trunk cables OM3 MPO-MPO (48F)

Path: I-side from Level 4

Giuseppe Simonetti

CR1
1DAQC1YX06

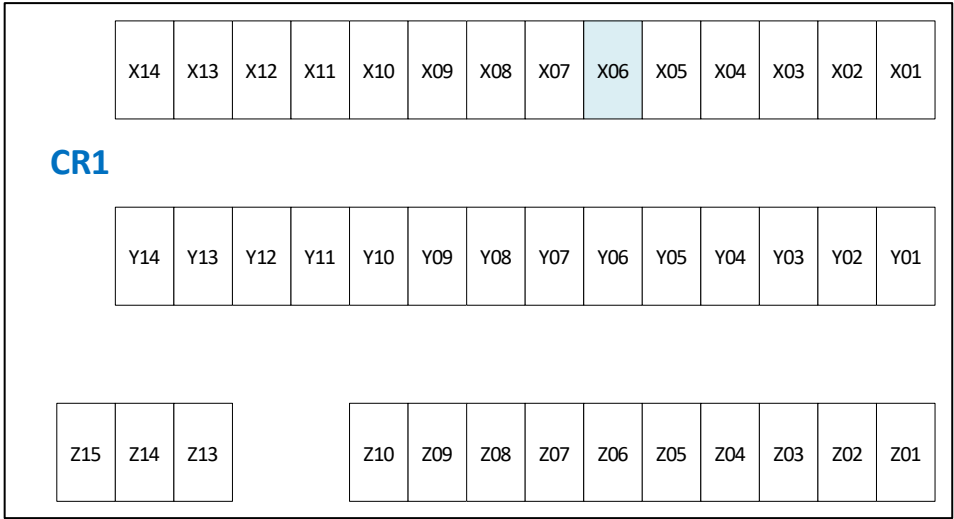
- Terminal plate OM3
3U 6xMPO-MPO
- Terminal plate OM3
3U 6xMPO-MPO (Spare)
- Terminal plate OM3
3U 12xMPO-MPO
- Terminal plate OM3
3U 12xMPO-MPO (Spare)
- Blind plate 3U
- MPO OM3 plug terminated
- MPO OM3 plug not terminated



1MIDU2Y036

- Terminal plate OM3
1U 12xMPO-MPO
- Terminal plate OM3
1U 12xMPO-MPO (Spare)
- Blind plate 3U
- MPO OM3 plug terminated
- MPO OM3 plug not terminated

MID-O



UX2(O36)/CR1(X06)/A: s.n. D-96601	97
UX2(O36)/CR1(X06)/B: s.n. D-96602	98

Detector: MID O-side

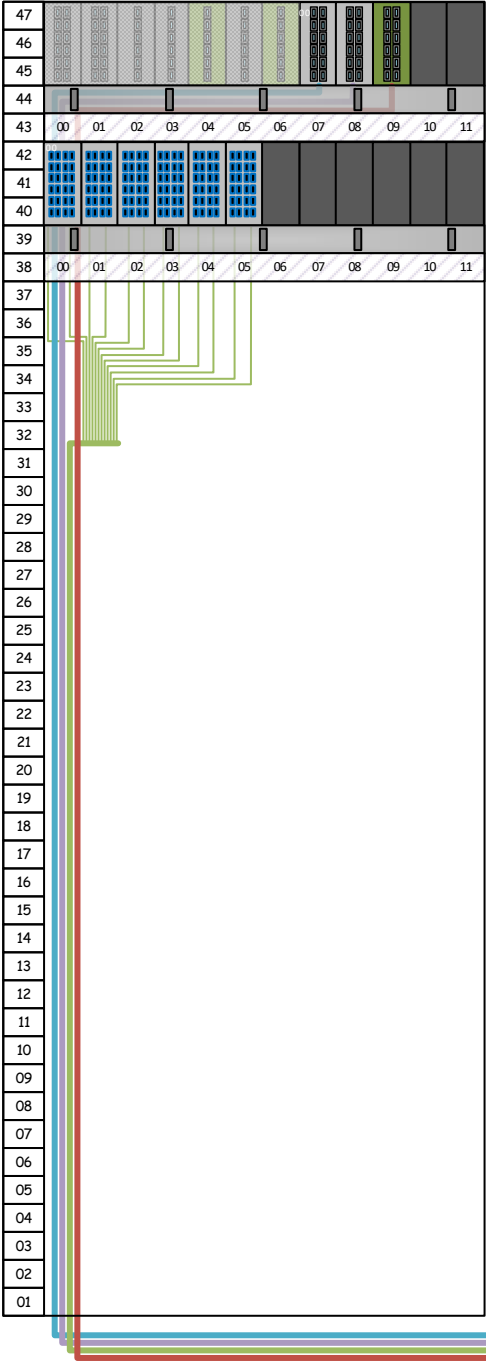
Fiber cables:
2 trunk cables OM3 MPO-MPO (48F)

Path: O-side from Level 4

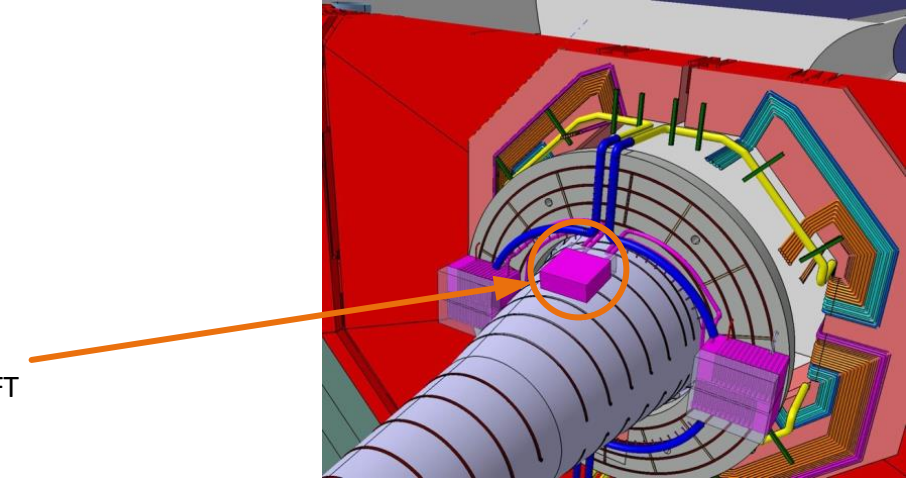
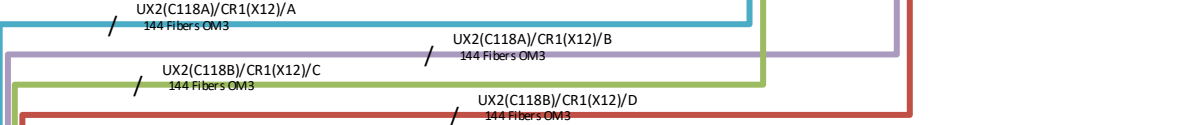
Giuseppe Simonetti

CR1
1DAQC1YX12

- Terminal plate OM3
3U 6xMPO-MPO
- Terminal plate OM3
3U 6xMPO-MPO (Spare)
- Terminal plate OM3
3U 12xMPO-MPO
- Terminal plate OM3
3U 12xMPO-MPO (Spare)
- Blind plate 3U
- Terminal module OM3
3U 2xMPO-24xLC/PC
- MPO OM3 plug terminated
- LC/PC plug terminated



114 m



- Terminal plate OM3
1U 12xMPO-MPO
- Terminal plate OM3
1U 12xMPO-MPO (Spare)
- Terminal module SM
1U 24xLC/APC (spliced)
- Blind plate 3U
- MPO OM3 plug terminated
- LC/PC plug spliced

UX2(C118A)/CR1(X12)/A: s.n. D-96597	201
UX2(C118A)/CR1(X12)/B: s.n. D-96598	202
UX2(C118B)/CR1(X12)/C: s.n. D-96599	203
UX2(C118B)/CR1(X12)/D: s.n. D-96600	204

Detector: MFT

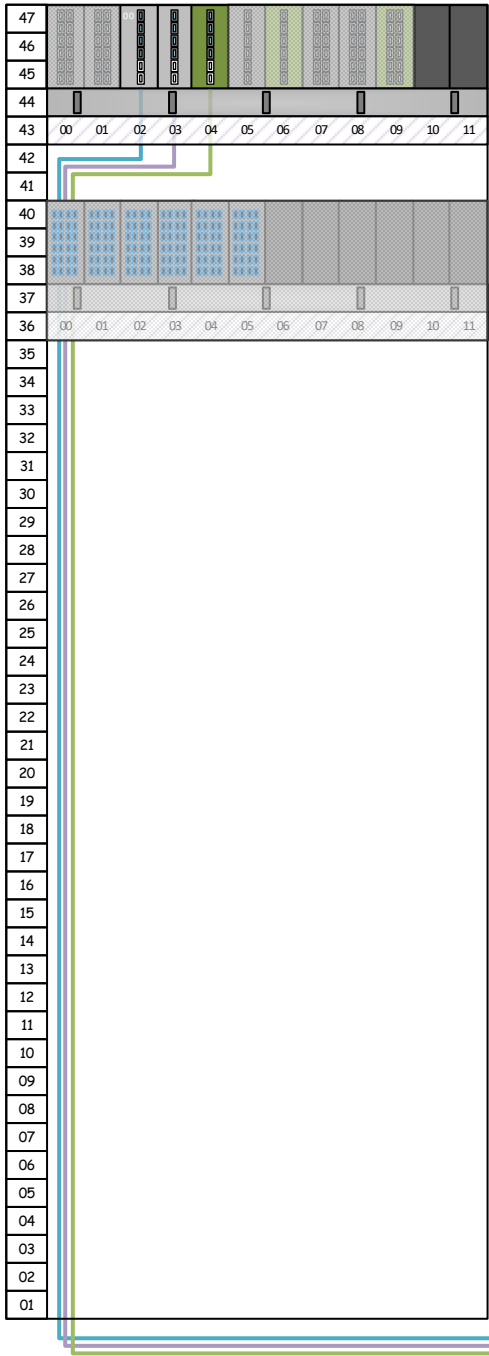
Fiber cables:
4 trunk cables OM3 MPO-MPO (144F)

Path: O-side from Back-Frame (C-side/FASS)

Giuseppe Simonetti

CR1
1DAQC1YX12

- 
Terminal plate OM3
3U 6xMPO-MPO
- 
Terminal plate OM3
3U 6xMPO-MPO (Spare)
- 
Terminal plate OM3
3U 12xMPO-MPO
- 
Terminal plate OM3
3U 12xMPO-MPO (Spare)
- 
Blind plate 3U
- 
Terminal module OM3
3U 2xMPO-24xLC/PC
- 
MPO OM3 plug terminated
- 
MPO OM3 plug not terminated
- 
LC/PC plug terminated

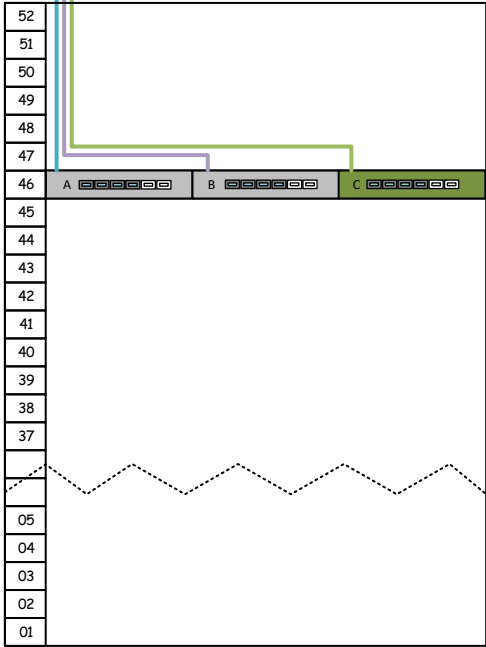


UX2(C33)/CR1(X12)/A
48 Fibers OM3

UX2(C33)/CR1(X12)/B
48 Fibers OM3

UX2(C33)/CR1(X12)/C
48 Fibers OM3

140 m

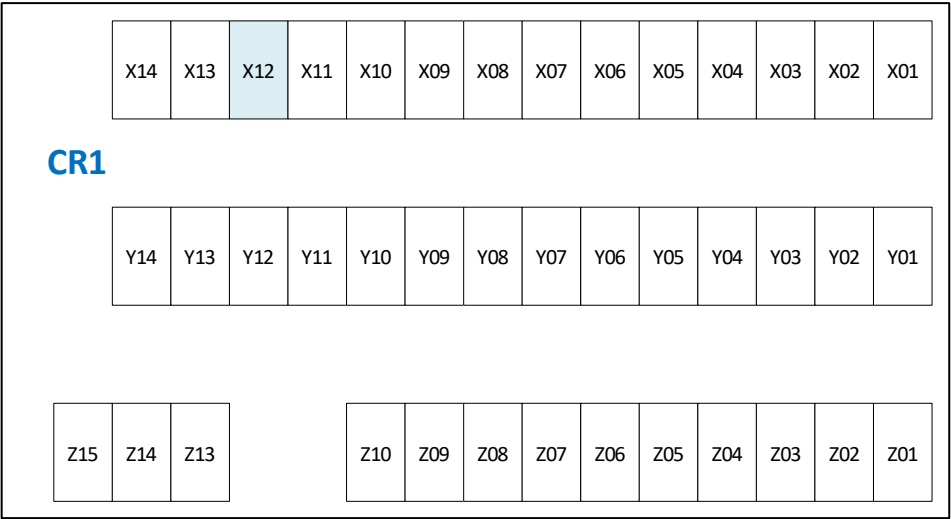


1FITU2Yc35

- 
Terminal plate OM3
1U 6xMPO-MPO
- 
Terminal plate OM3
1U 6xMPO-MPO (Spare)
- 
MPO OM3 plug terminated
- 
MPO OM3 plug not terminated



FIT



UX2(C33)/CR1(X12)/A: s.n. D-96611	79
UX2(C33)/CR1(X12)/B: s.n. D-96612	80
UX2(C33)/CR1(X12)/C: s.n. D-96613	81

Detector: FIT

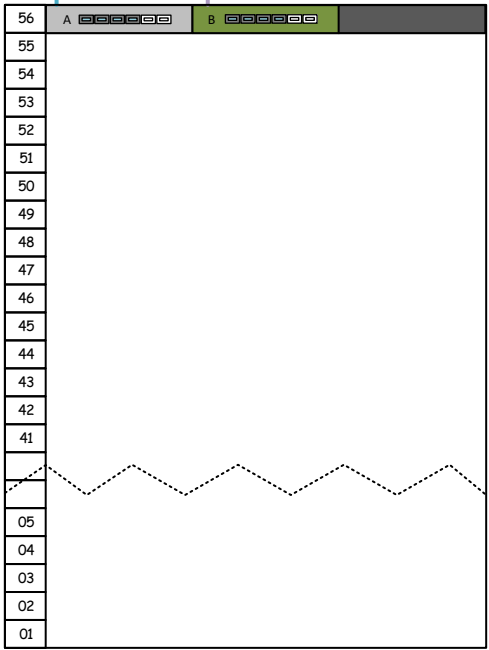
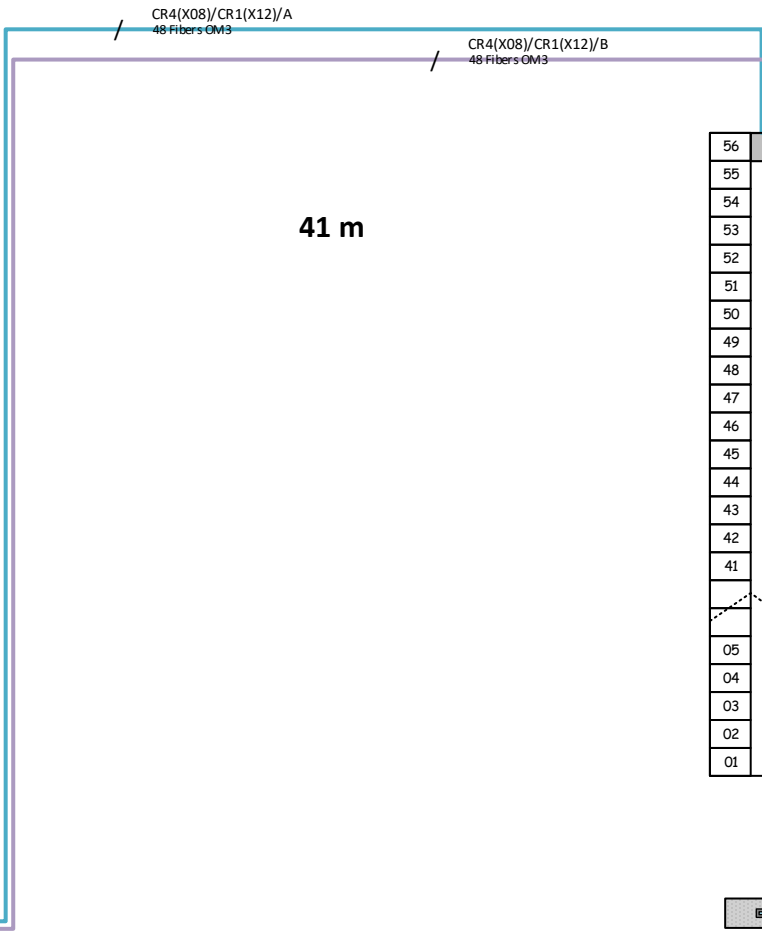
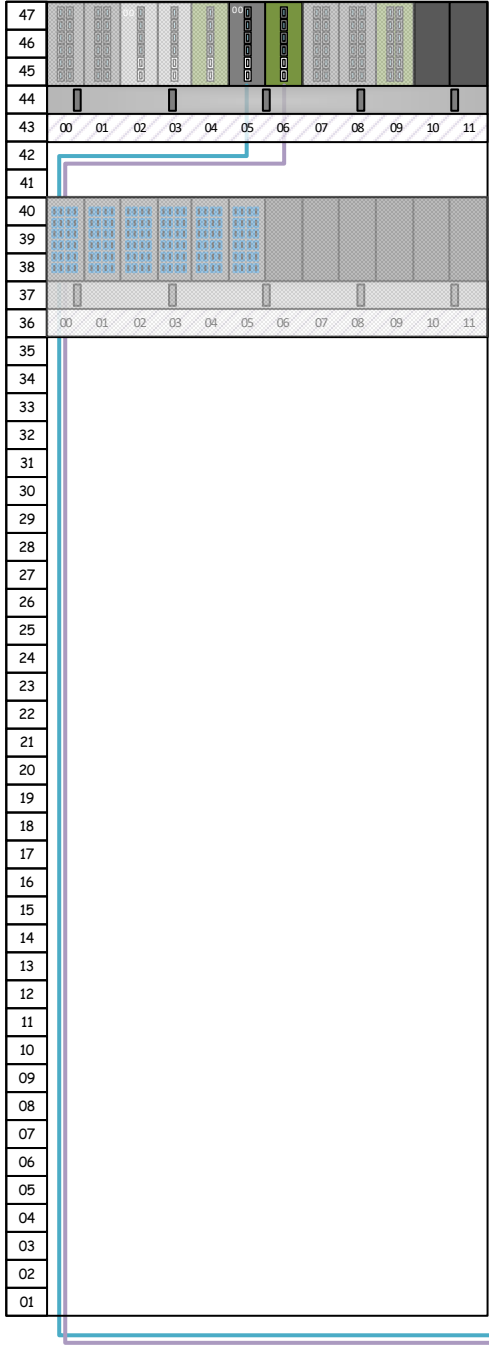
Fiber cables:
3 trunk cables OM3 MPO-MPO (48F)

Path: I-side from Bunker (C-side)

Giuseppe Simonetti

CR1
1DAQC1YX12

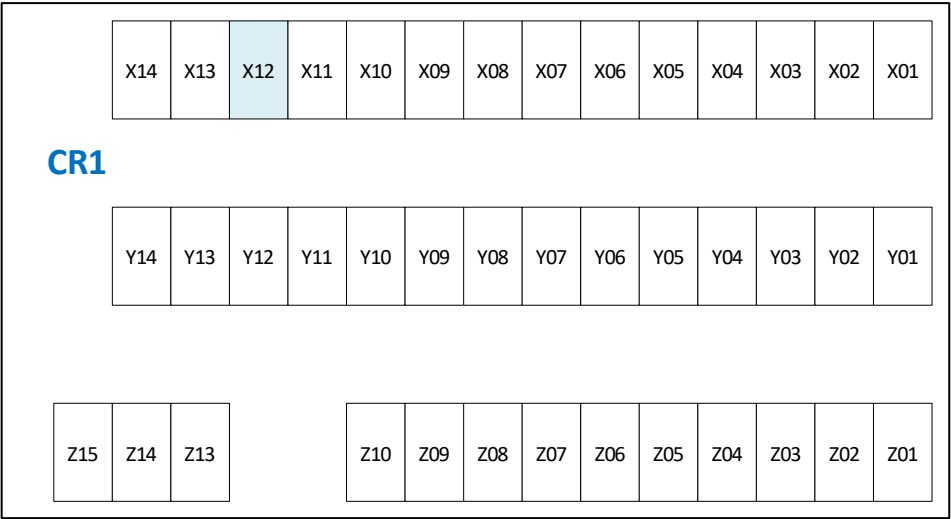
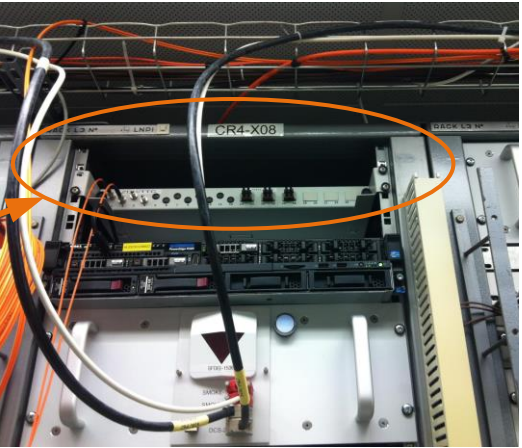
- Terminal plate OM3
3U 6xMPO-MPO
- Terminal plate OM3
3U 6xMPO-MPO (Spare)
- Terminal plate OM3
3U 12xMPO-MPO
- Terminal plate OM3
3U 12xMPO-MPO (Spare)
- Blind plate 3U
- Terminal module OM3
3U 2xMPO-24xLC/PC
- MPO OM3 plug terminated
- MPO OM3 plug not terminated
- LC/PC plug terminated



1ZDCC4YX08

- Terminal plate OM3
1U 12xMPO-MPO
- Terminal plate OM3
1U 12xMPO-MPO (Spare)
- Blind plate 3U
- MPO OM3 plug terminated
- MPO OM3 plug not terminated

ZDC



CR4(X08)/CR1(X12)/A: s.n. D-96614	95
CR4(X08)/CR1(X12)/B: s.n. D-96615	96

Detector: ZDC

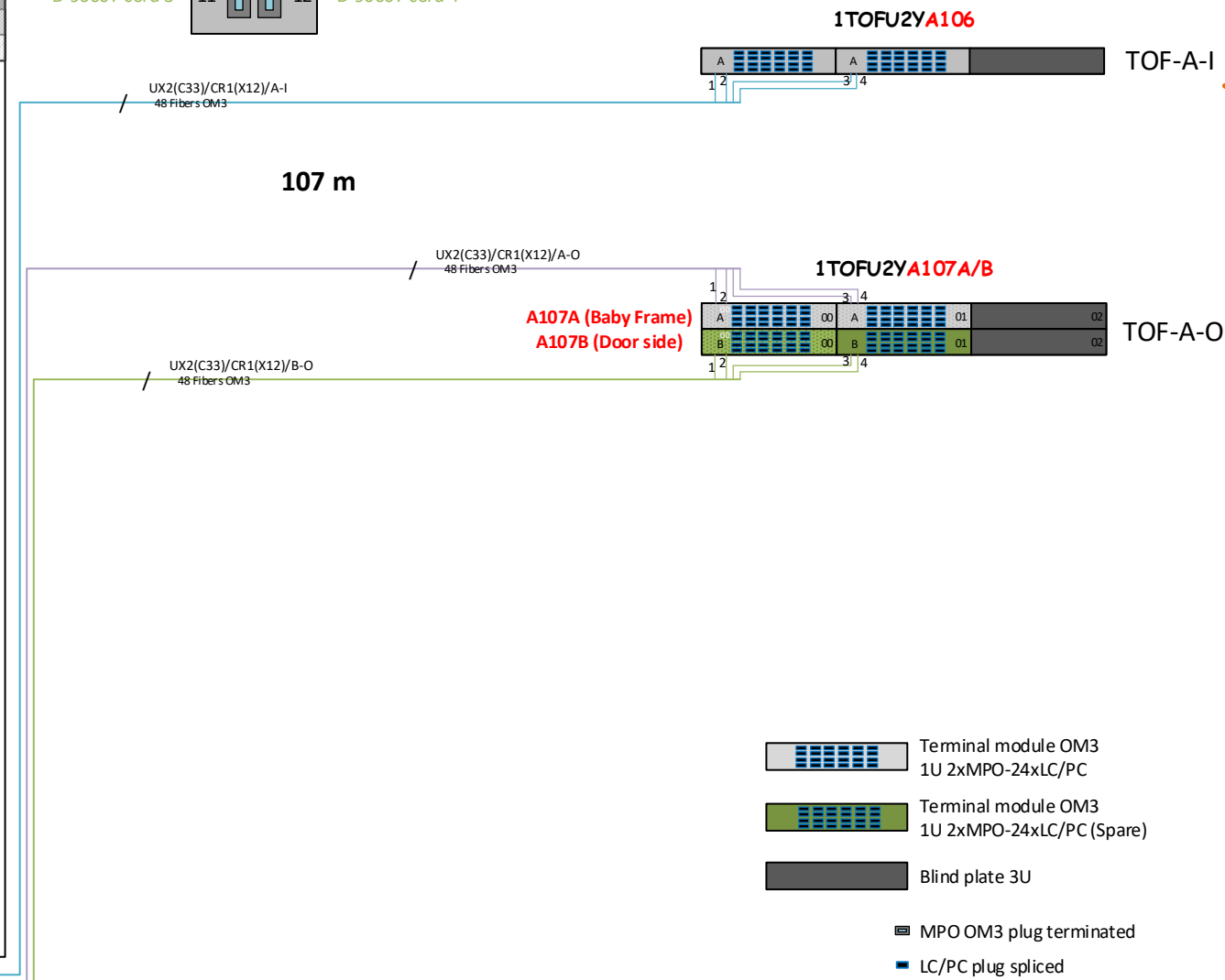
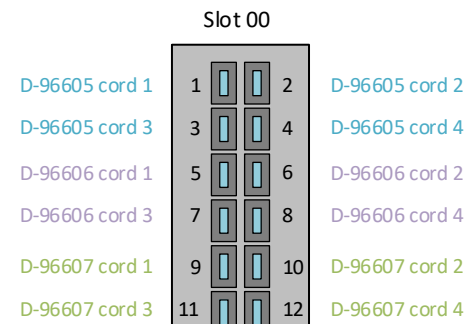
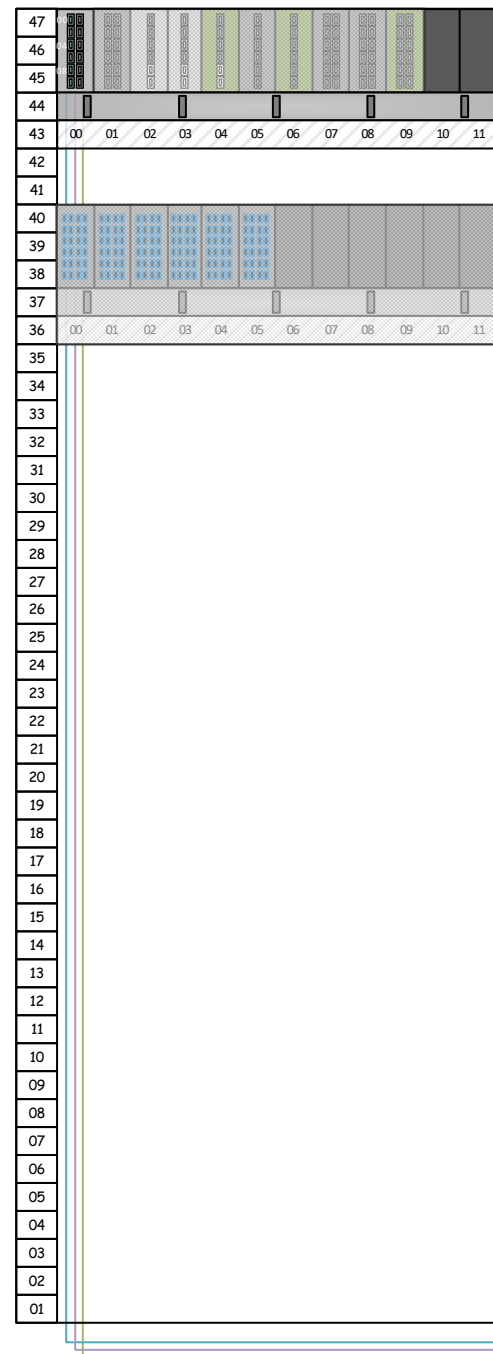
Fiber cables:
2 trunk cables OM3 MPO-MPO (48F)

Path: O-side from CR4

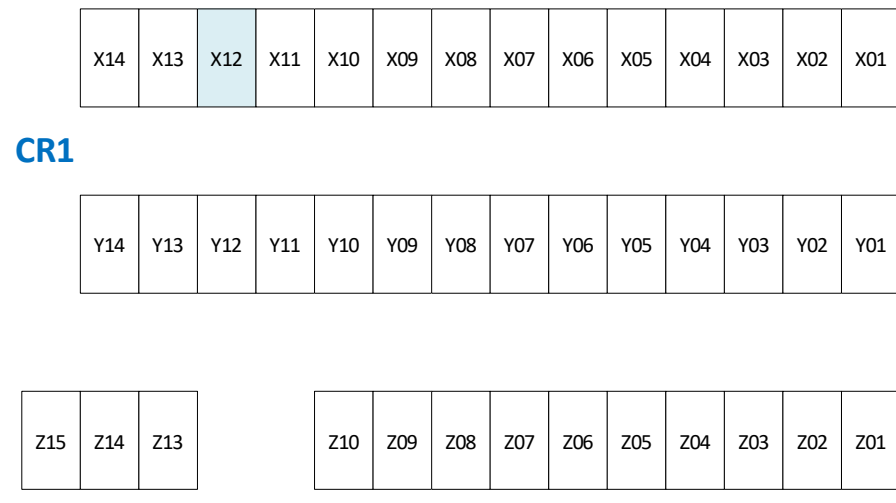
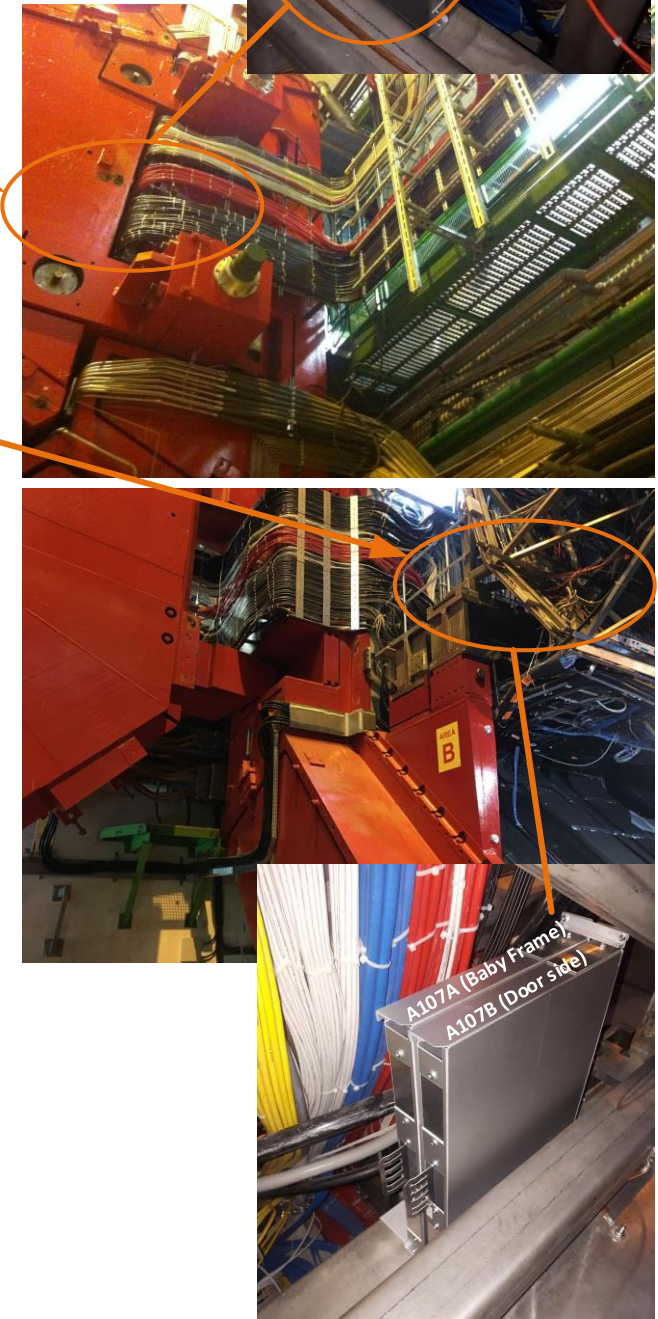
Giuseppe Simonetti

CR1
1DAQC1YX12

- Terminal plate OM3
3U 6xMPO-MPO
- Terminal plate OM3
3U 6xMPO-MPO (Spare)
- Terminal plate OM3
3U 12xMPO-MPO
- Terminal plate OM3
3U 12xMPO-MPO (Spare)
- Blind plate 3U
- Terminal module OM3
3U 2xMPO-24xLC/PC
- MPO OM3 plug terminated
- MPO OM3 plug not terminated
- LC/PC plug terminated



- Terminal module OM3
1U 2xMPO-24xLC/PC
- Terminal module OM3
1U 2xMPO-24xLC/PC (Spare)
- Blind plate 3U
- MPO OM3 plug terminated
- LC/PC plug spliced



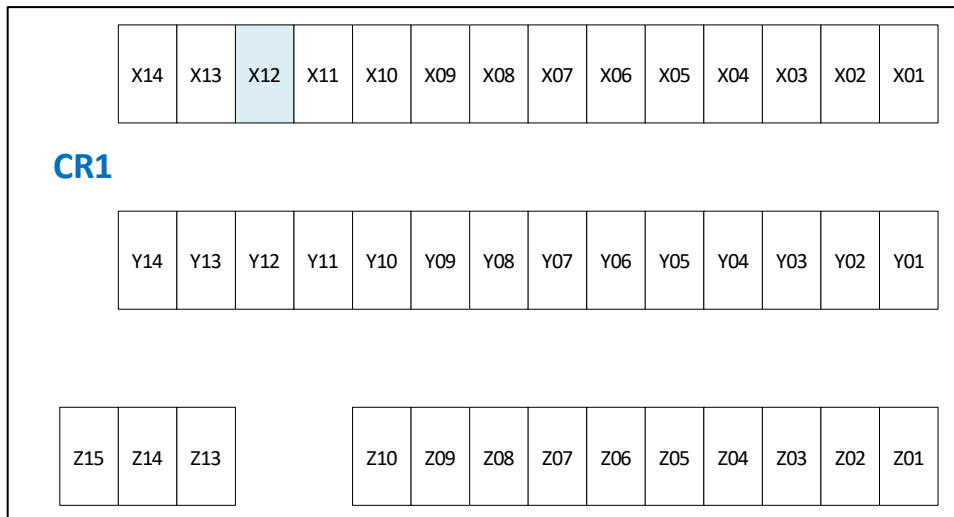
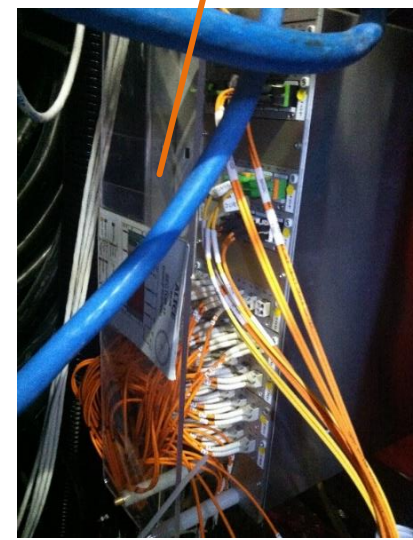
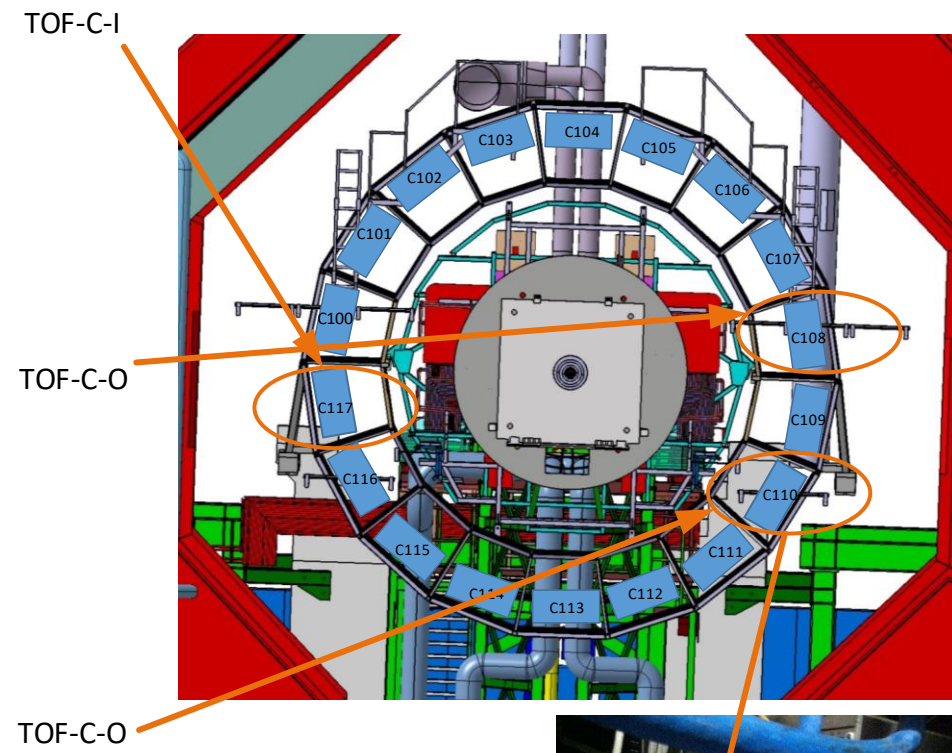
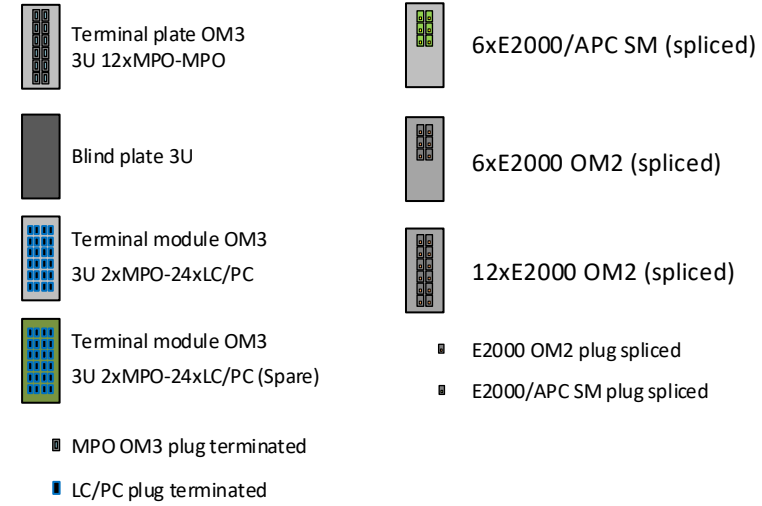
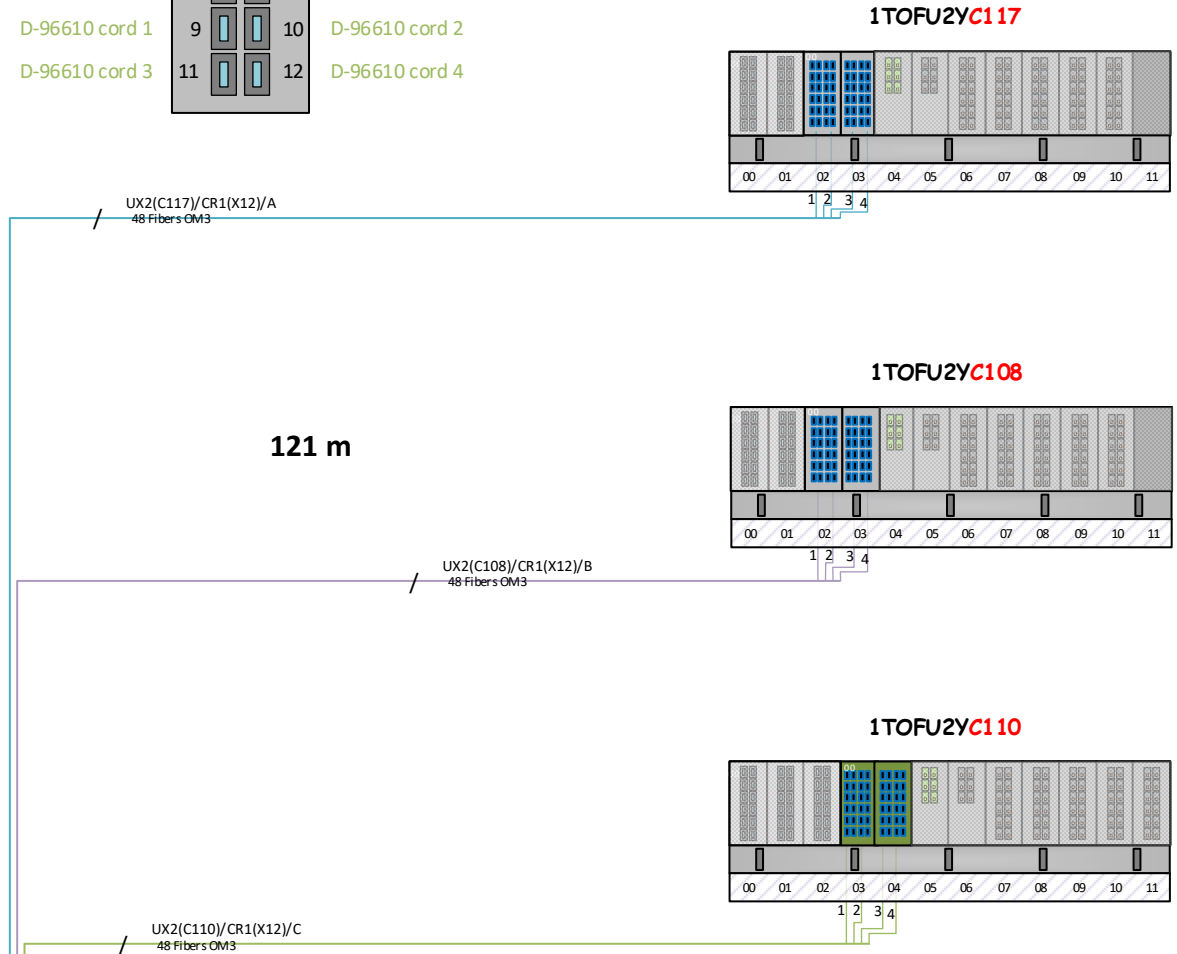
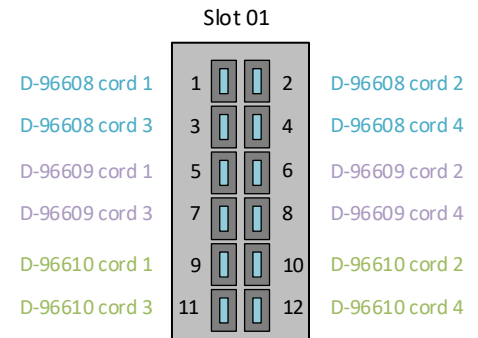
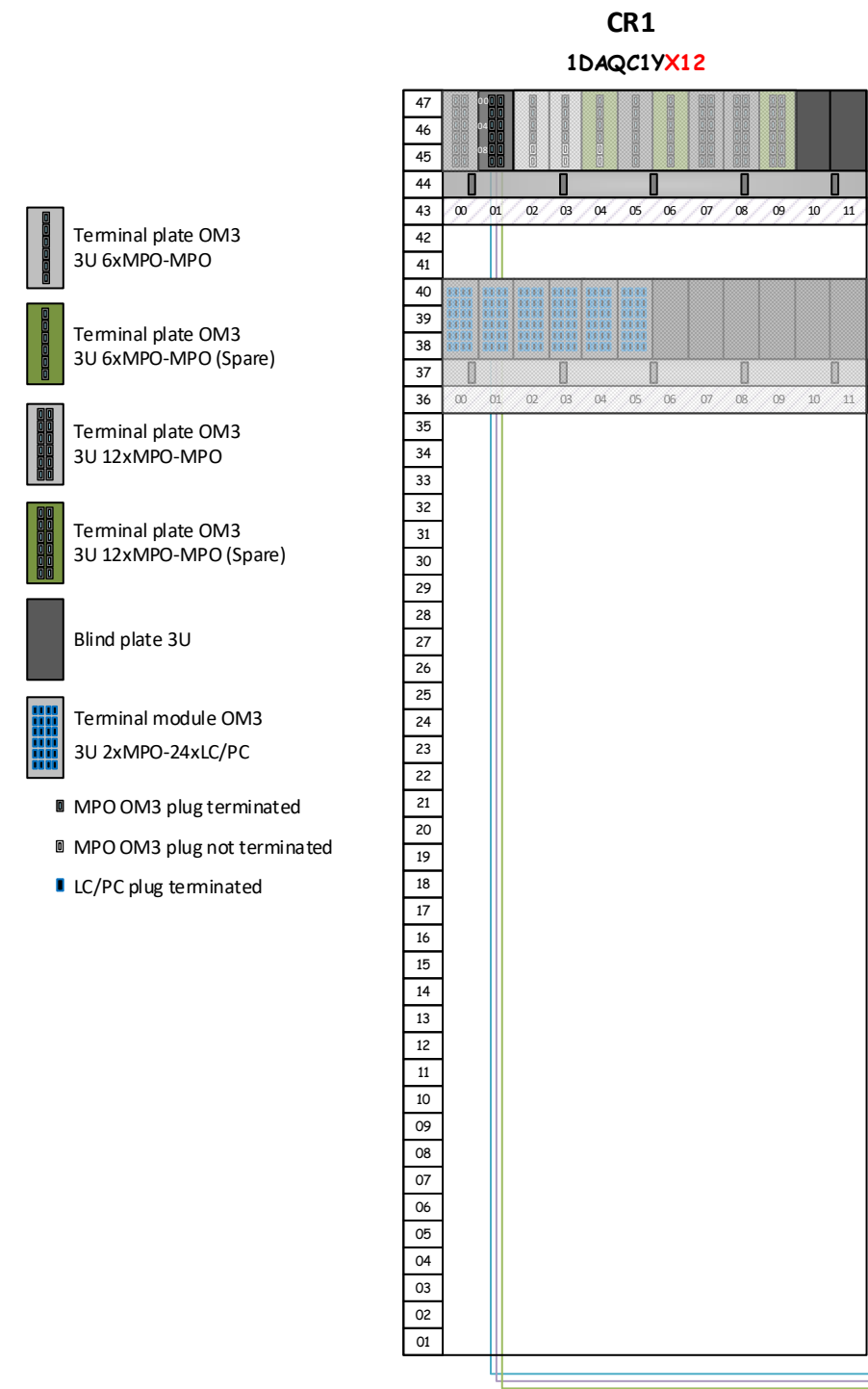
UX2(A106)/CR1(X12)/A: s.n. D-96605	85
UX2(A107A)/CR1(X12)/A: s.n. D-96606	118
UX2(A107B)/CR1(X12)/B: s.n. D-96607	119

Detector: **TOF A-side**

Fiber cables:
2 trunk cables OM3 MPO-MPO (48F)
Path: O-side from Baby-Frame

Fiber cables:
1 trunk cables OM3 MPO-MPO (48F)
Path: I-side from Baby-Frame

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UX2(C117)/CR1(X12)/A: s.n. D-96608	106
UX2(C108)/CR1(X12)/B: s.n. D-96609	107
UX2(C110)/CR1(X12)/C: s.n. D-96610	108

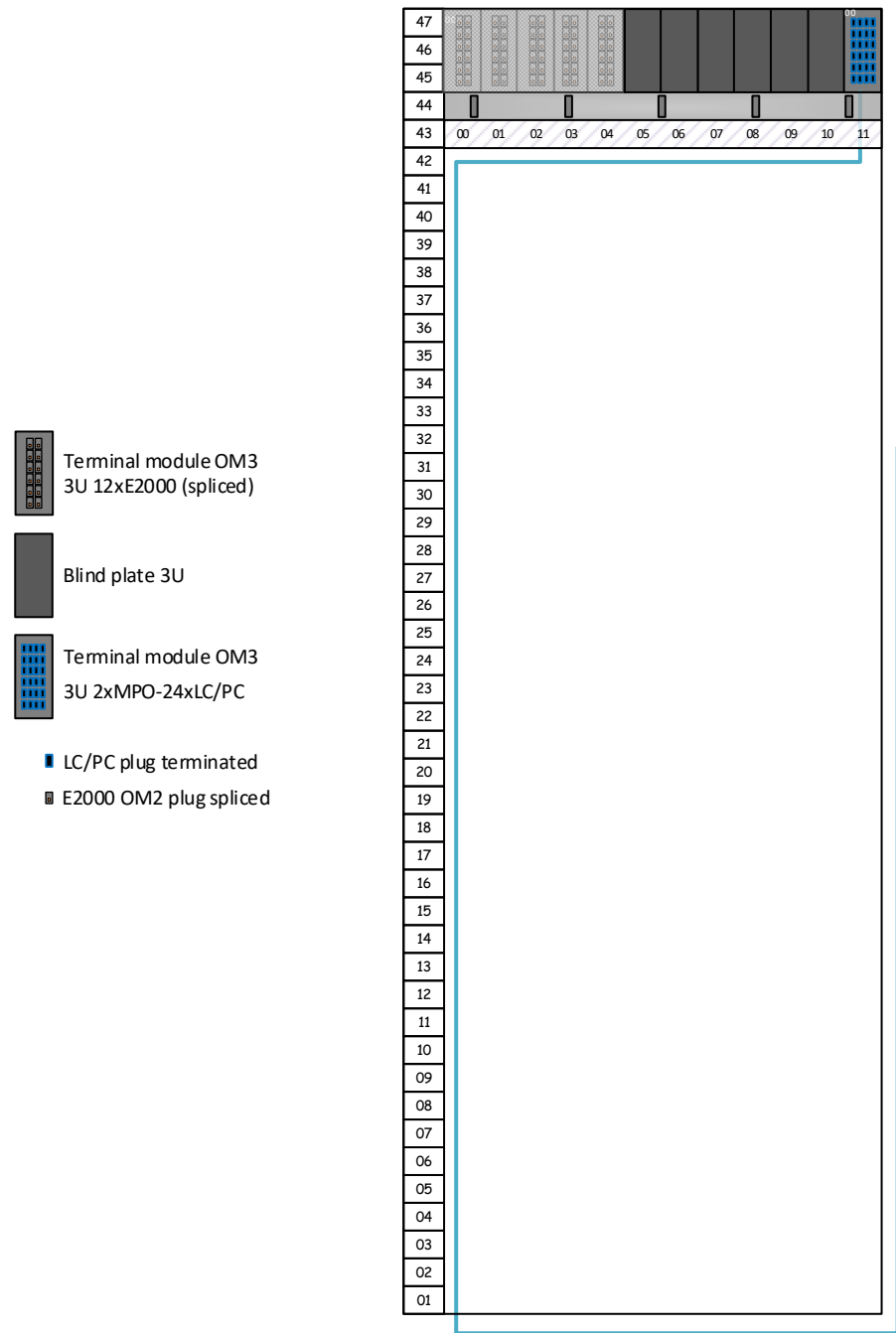
Detector: **TOF C-side**

Fiber cables:
3 trunk cables OM3 MPO-MPO (48F)

Path: O-side from Back-Frame (C-side/FASS)

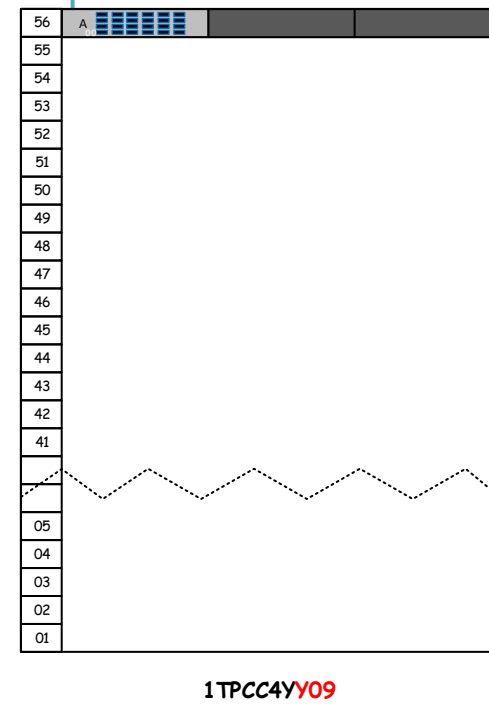
Giuseppe Simonetti

CR1
1DAQC1Y^{Y13}

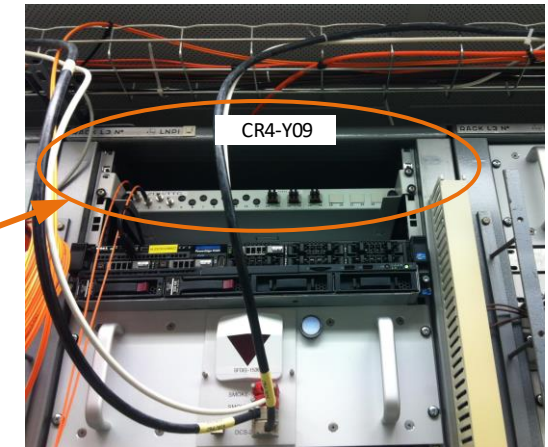


- Terminal module OM3
3U 12xE2000 (spliced)
- Blind plate 3U
- Terminal module OM3
3U 2xMPO-24xLC/PC
- LC/PC plug terminated
- E2000 OM2 plug spliced

45 m

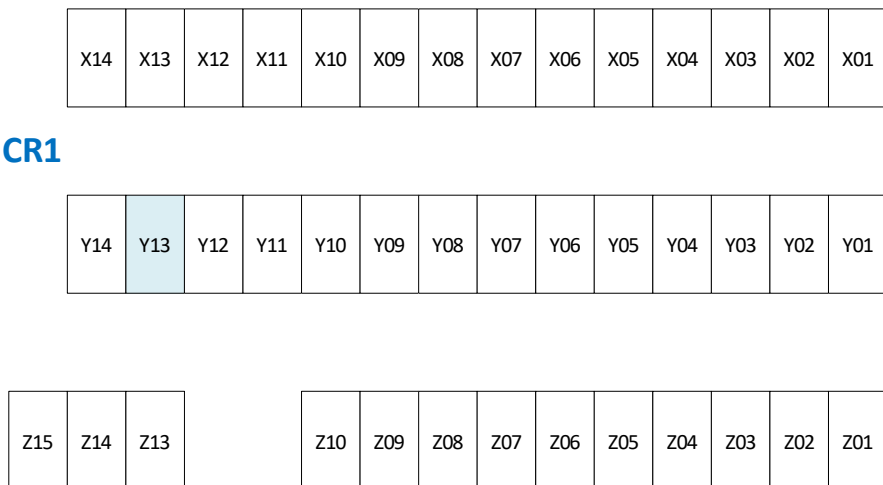


TPC
Calib



- Terminal module OM3
1U 2xMPO-24xLC/PC
- Blind plate 1U

CR1



CR4(Y09)/CR1(Y13)/A: s.n. 105379

248

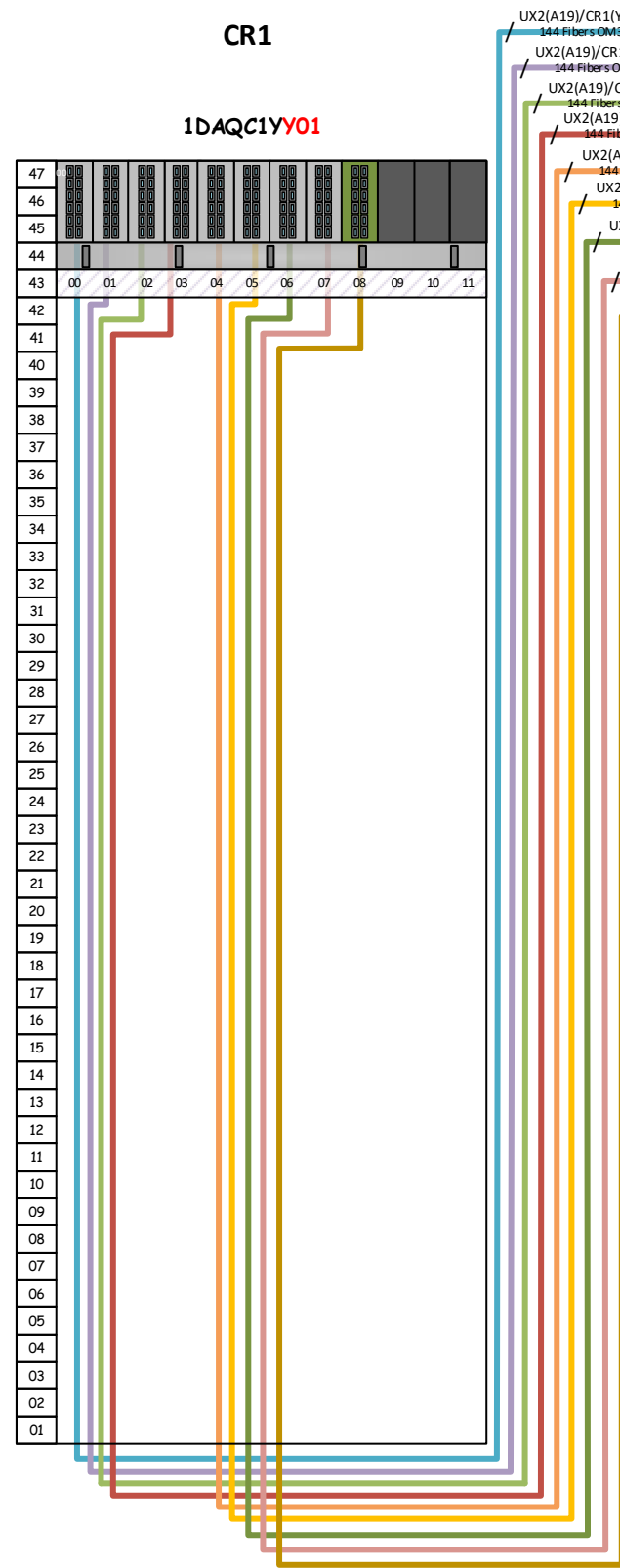
Detector: TPC Calibration

Fiber cables:
1 trunk cable OM3 MPO-MPO (24F)

Path: O-side from CR4

Giuseppe Simonetti

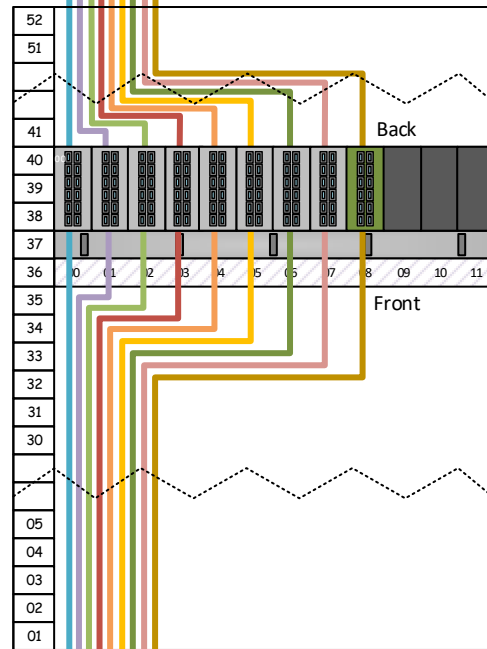
- Terminal plate OM3
3U 12xMPO-MPO
- Terminal plate OM3
3U 12xMPO-MPO (Spare)
- Blind plate 3U
- MPO OM3 plug terminated



Rack A19

1TPCU2YA19

90 m

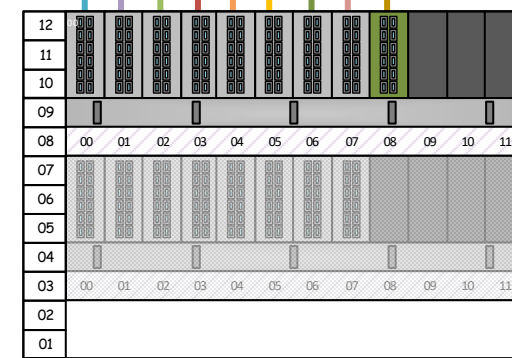


Rack A19

1TPCU2YA19

27 m

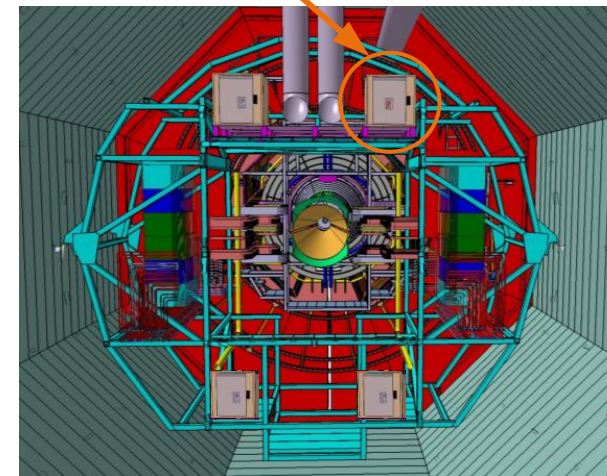
Mini-Frame (A100)



1TPCU2YA100

- Terminal plate OM3
3U 12xMPO-MPO
- Terminal plate OM3
3U 12xMPO-MPO (Spare)
- Blind plate 3U
- MPO OM3 plug terminated

TPC



UX2(A100)/UX2(A19)/A: s.n. D-96437
 UX2(A100)/UX2(A19)/B: s.n. D-96405
 UX2(A100)/UX2(A19)/C: s.n. D-96412
 UX2(A100)/UX2(A19)/D: s.n. D-96411
 UX2(A100)/UX2(A19)/E: s.n. D-96410
 UX2(A100)/UX2(A19)/F: s.n. D-96454
 UX2(A100)/UX2(A19)/G: s.n. D-96420
 UX2(A100)/UX2(A19)/H: s.n. D-96407
 UX2(A100)/UX2(A19)/I: s.n. D-96436

UX2(A19)/CR1(Y01)/A: s.n. D-96483
 UX2(A19)/CR1(Y01)/B: s.n. D-96477
 UX2(A19)/CR1(Y01)/C: s.n. D-96499
 UX2(A19)/CR1(Y01)/D: s.n. D-96501
 UX2(A19)/CR1(Y01)/E: s.n. D-96474
 UX2(A19)/CR1(Y01)/F: s.n. D-96475
 UX2(A19)/CR1(Y01)/G: s.n. D-96480
 UX2(A19)/CR1(Y01)/H: s.n. D-96503
 UX2(A19)/CR1(Y01)/I: s.n. D-96469

Detector: **TPC A-side (sec. 01, 02, 03)**

Fiber cables:
 9 trunk cables OM3 MPO-MPO (144F)

Path: I-side from Mini-Frame through rack A19 (A-side)

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CR1

X14	X13	X12	X11	X10	X09	X08	X07	X06	X05	X04	X03	X02	X01
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Y14	Y13	Y12	Y11	Y10	Y09	Y08	Y07	Y06	Y05	Y04	Y03	Y02	Y01
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

Z15	Z14	Z13											
			Z10	Z09	Z08	Z07	Z06	Z05	Z04	Z03	Z02	Z01	

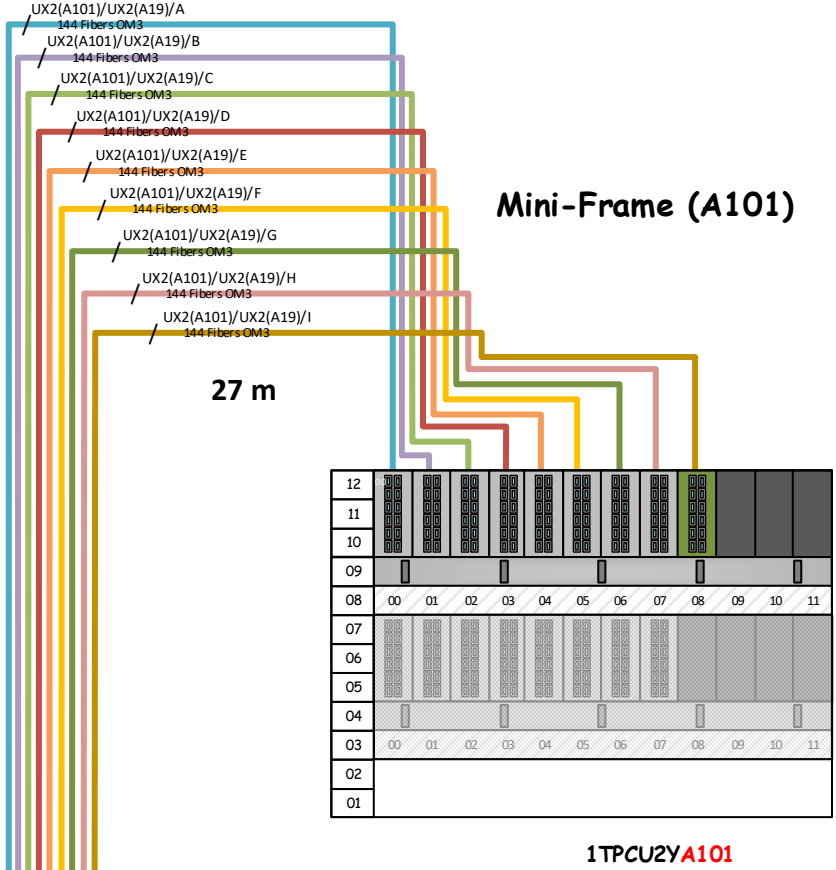
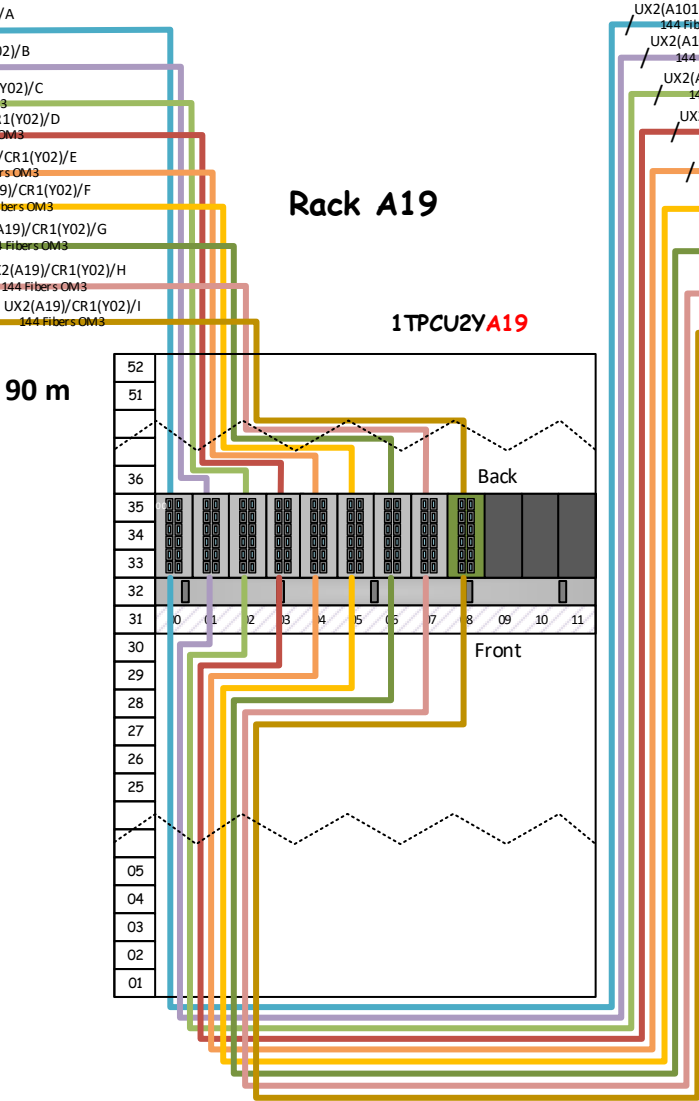
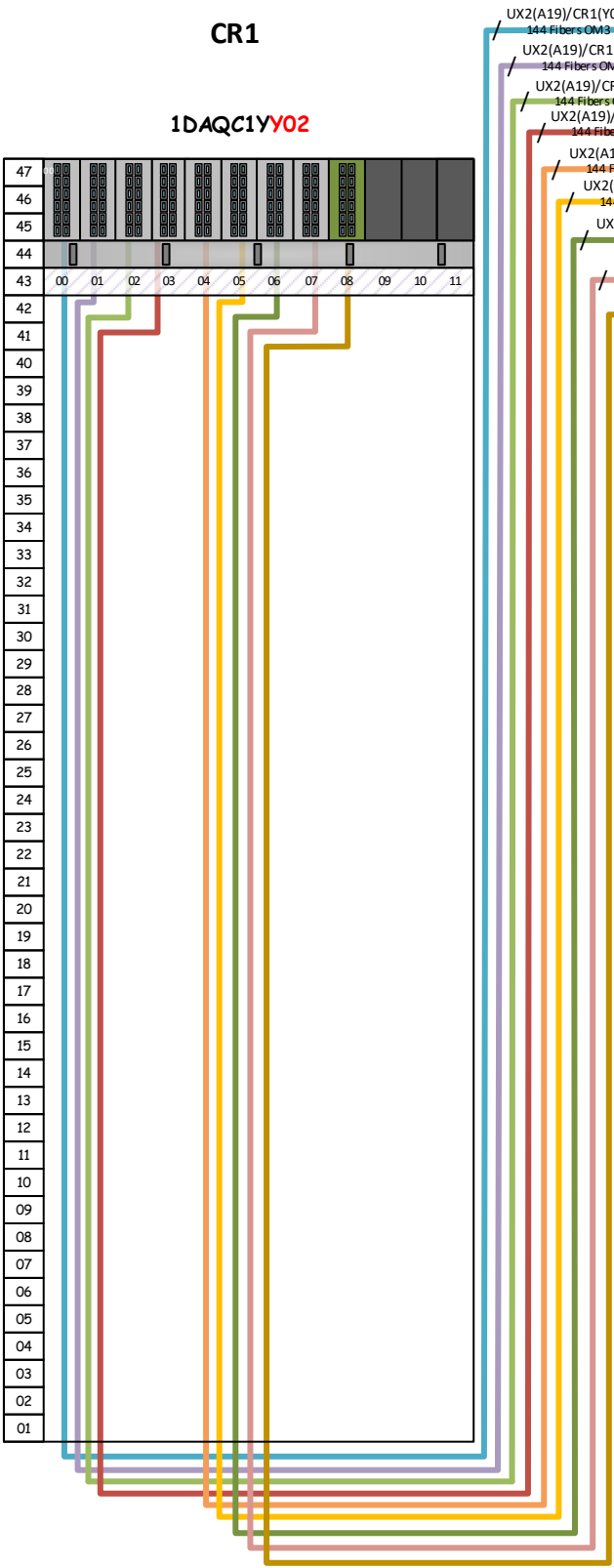
- 

Terminal plate OM3
3U 12xMPO-MPO
- 

Terminal plate OM3
3U 12xMPO-MPO (Spare)
- 

Blind plate 3U
- 

MPO OM3 plug terminated



- 

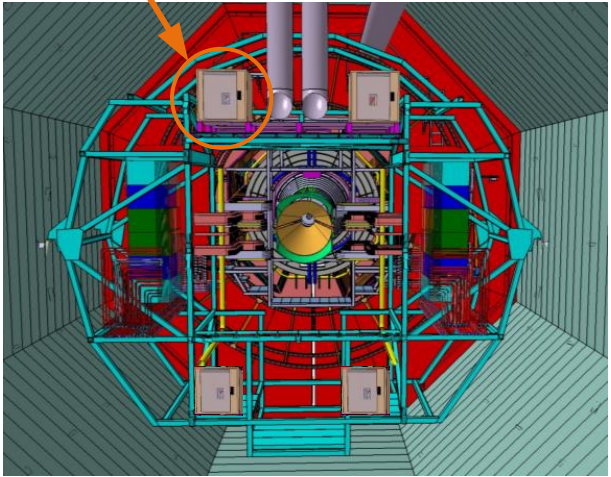
Terminal plate OM3
3U 12xMPO-MPO
- 

Terminal plate OM3
3U 12xMPO-MPO (Spare)
- 

Blind plate 3U
- 

MPO OM3 plug terminated

TPC



UX2(A101)/UX2(A19)/A: s.n. D-96448
UX2(A101)/UX2(A19)/B: s.n. D-96406
UX2(A101)/UX2(A19)/C: s.n. D-96409
UX2(A101)/UX2(A19)/D: s.n. D-96403
UX2(A101)/UX2(A19)/E: s.n. D-96434
UX2(A101)/UX2(A19)/F: s.n. D-96404
UX2(A101)/UX2(A19)/G: s.n. D-96432
UX2(A101)/UX2(A19)/H: s.n. D-96414
UX2(A101)/UX2(A19)/I: s.n. D-96423

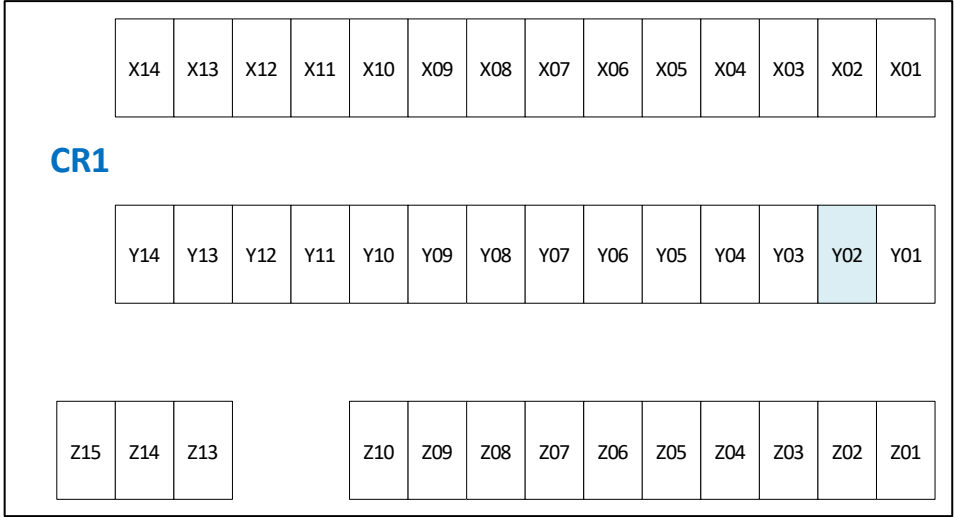
UX2(A19)/CR1(Y02)/A: s.n. D-96505 60
UX2(A19)/CR1(Y02)/B: s.n. D-96456 61
UX2(A19)/CR1(Y02)/C: s.n. D-96471 62
UX2(A19)/CR1(Y02)/D: s.n. D-96490 63
UX2(A19)/CR1(Y02)/E: s.n. D-96497 64
UX2(A19)/CR1(Y02)/F: s.n. D-96470 65
UX2(A19)/CR1(Y02)/G: s.n. D-96472 66
UX2(A19)/CR1(Y02)/H: s.n. D-96495 67
UX2(A19)/CR1(Y02)/I: s.n. D-96491 68

Detector: **TPC A-side (sec. 04, 05, 06)**

Fiber cables:
9 trunk cables OM3 MPO-MPO (144F)

Path: I-side from Mini-Frame through rack A19 (A-side)

Giuseppe Simonetti



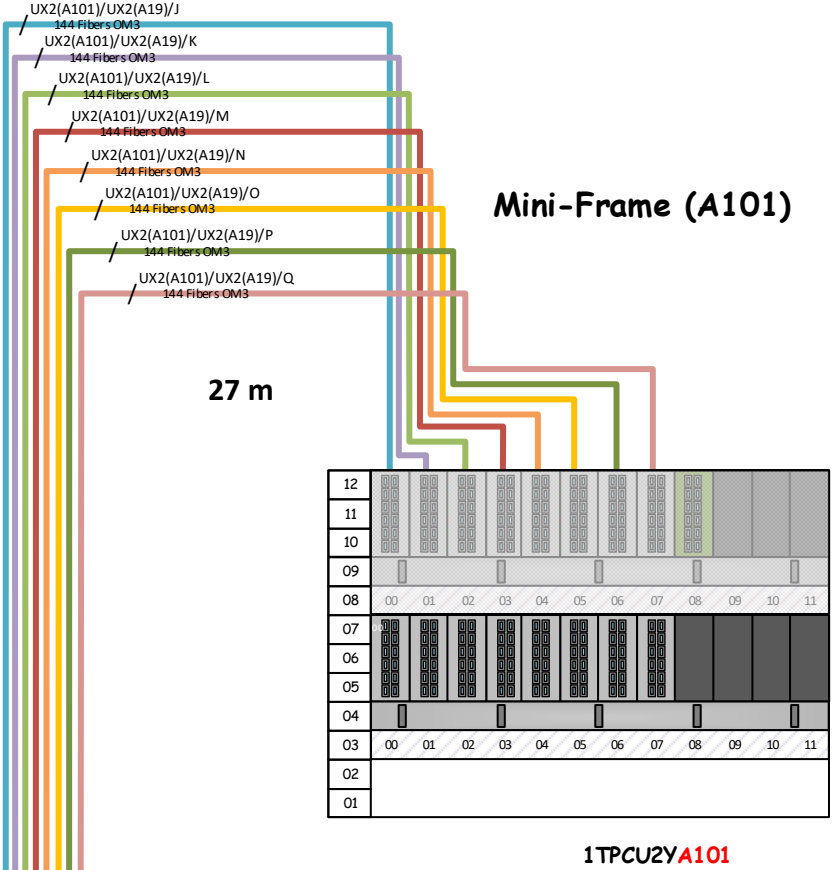
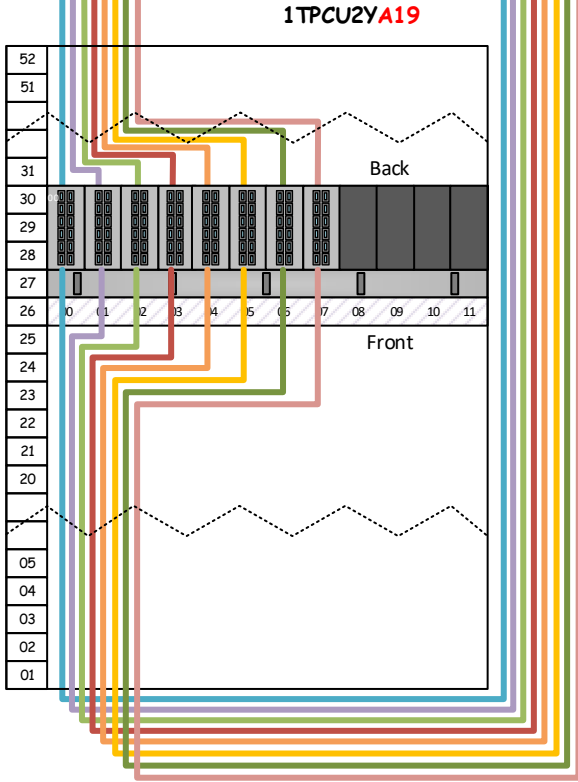
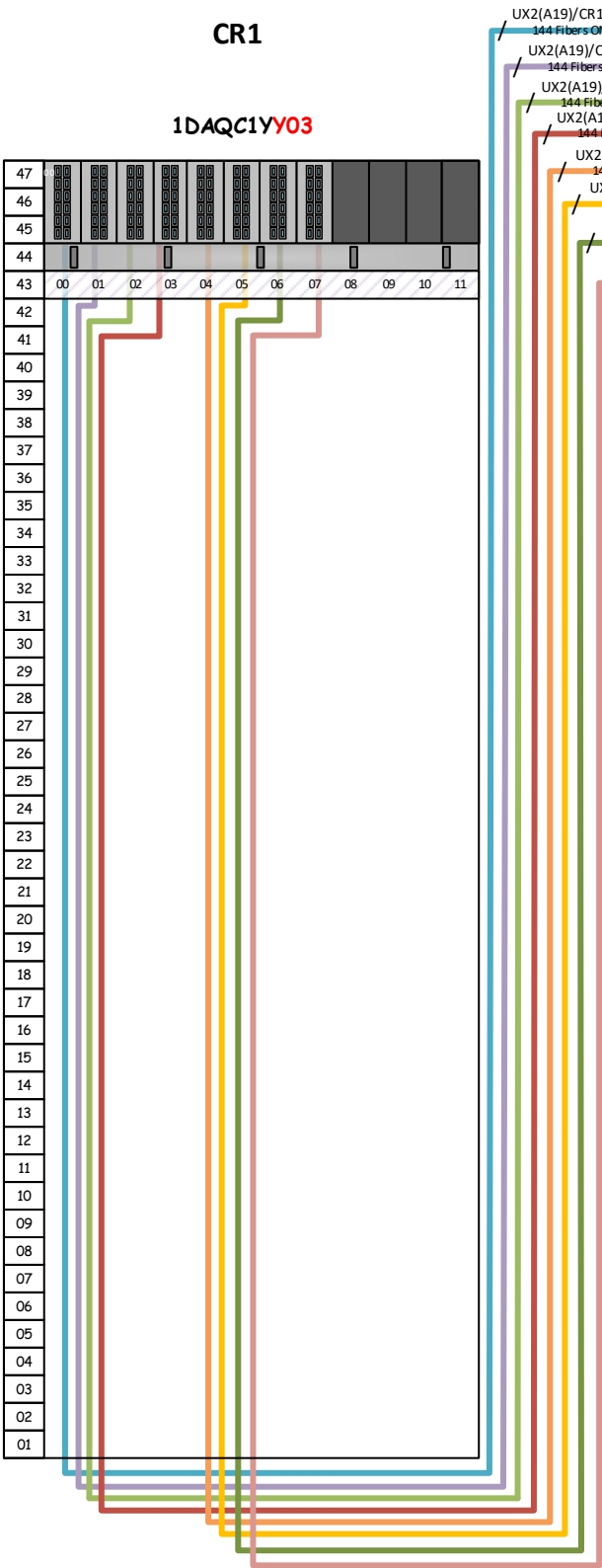
- 

Terminal plate OM3
3U 12xMPO-MPO
- 

Terminal plate OM3
3U 12xMPO-MPO (Spare)
- 

Blind plate 3U
- 

MPO OM3 plug terminated



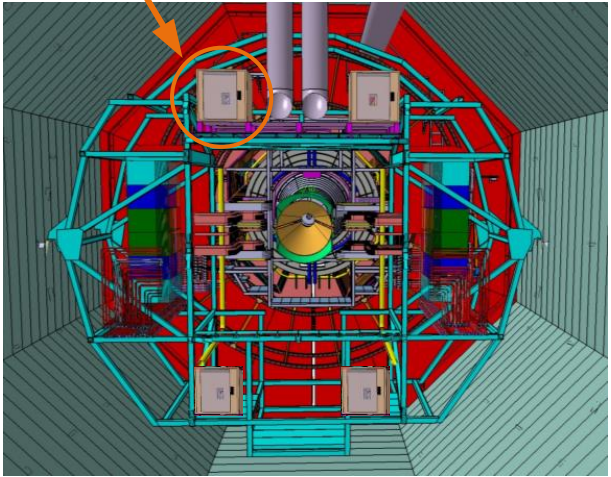
- 

Terminal plate OM3
3U 12xMPO-MPO
- 

Terminal plate OM3
3U 12xMPO-MPO (Spare)
- 

Blind plate 3U
- 

MPO OM3 plug terminated



UX2(A101)/UX2(A19)/J: s.n. D-96444
UX2(A101)/UX2(A19)/K: s.n. D-96419
UX2(A101)/UX2(A19)/L: s.n. D-96440
UX2(A101)/UX2(A19)/M: s.n. D-96441
UX2(A101)/UX2(A19)/N: s.n. D-96408
UX2(A101)/UX2(A19)/O: s.n. D-96430
UX2(A101)/UX2(A19)/P: s.n. D-96449
UX2(A101)/UX2(A19)/Q: s.n. D-96443

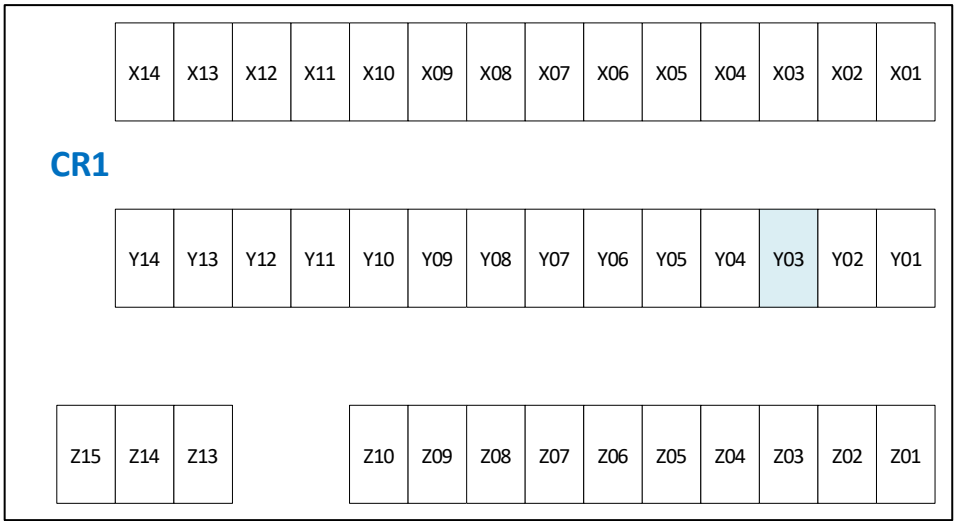
UX2(A19)/CR1(Y03)/A: s.n. D-96476 52
UX2(A19)/CR1(Y03)/B: s.n. D-96485 53
UX2(A19)/CR1(Y03)/C: s.n. D-96494 54
UX2(A19)/CR1(Y03)/D: s.n. D-96460 55
UX2(A19)/CR1(Y03)/E: s.n. D-96498 56
UX2(A19)/CR1(Y03)/F: s.n. D-96484 57
UX2(A19)/CR1(Y03)/G: s.n. D-96487 58
UX2(A19)/CR1(Y03)/H: s.n. D-96492 59

Detector: TPC A-side (sec. 07, 08, 09)

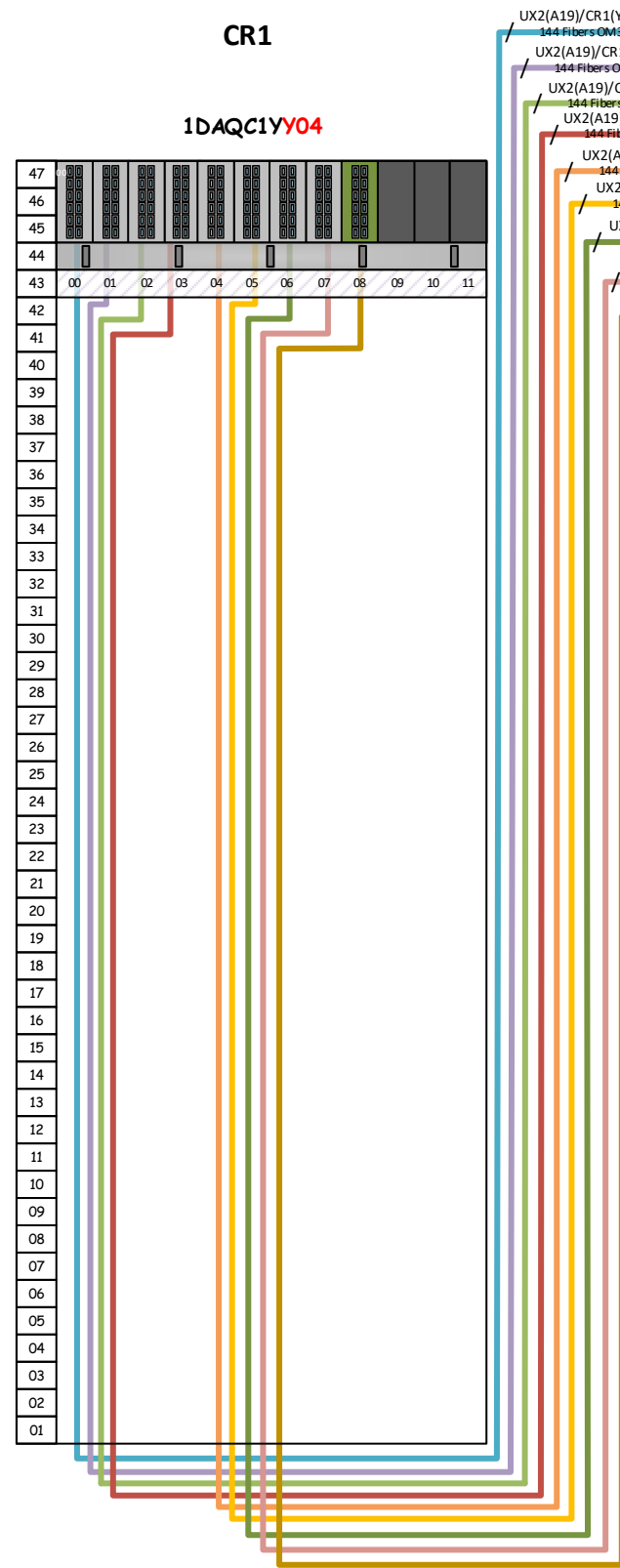
Fiber cables:
8 trunk cables OM3 MPO-MPO (144F)

Path: I-side from Mini-Frame through rack A19 (A-side)

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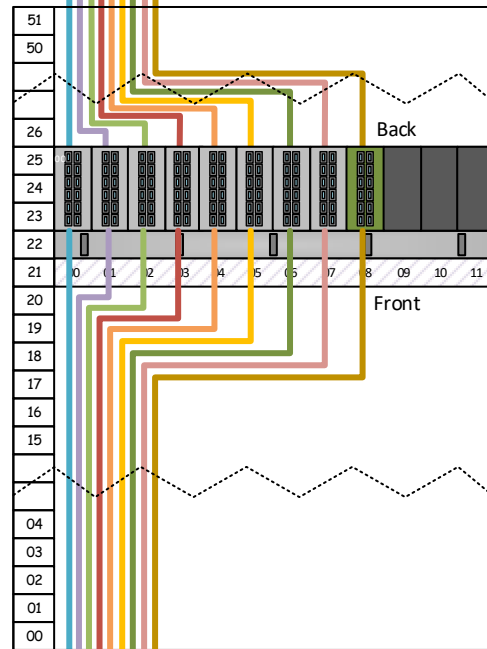


- Terminal plate OM3
3U 12xMPO-MPO
- Terminal plate OM3
3U 12xMPO-MPO (Spare)
- Blind plate 3U
- MPO OM3 plug terminated



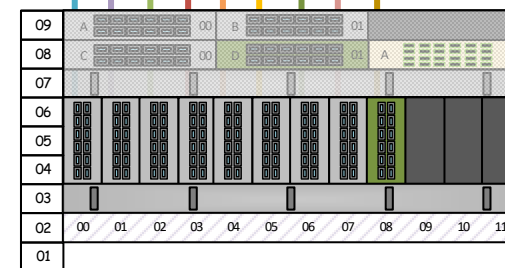
Rack A19

90 m

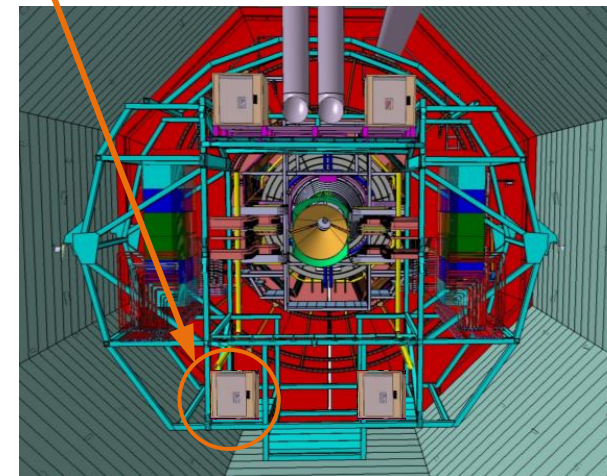


27 m

Mini-Frame (A102)



TPC



- Terminal plate OM3
3U 12xMPO-MPO
- Terminal plate OM3
3U 12xMPO-MPO (Spare)
- Blind plate 3U
- MPO OM3 plug terminated

UX2(A102)/UX2(A19)/E: s.n. D-96431
 UX2(A102)/UX2(A19)/F: s.n. D-96442
 UX2(A102)/UX2(A19)/G: s.n. D-96433
 UX2(A102)/UX2(A19)/H: s.n. D-96445
 UX2(A102)/UX2(A19)/I: s.n. D-96422
 UX2(A102)/UX2(A19)/J: s.n. D-96425
 UX2(A102)/UX2(A19)/K: s.n. D-96417
 UX2(A102)/UX2(A19)/L: s.n. D-96418
 UX2(A102)/UX2(A19)/M: s.n. D-96421

UX2(A19)/CR1(Y04)/A: s.n. D-96468
 UX2(A19)/CR1(Y04)/B: s.n. D-96493
 UX2(A19)/CR1(Y04)/C: s.n. D-96496
 UX2(A19)/CR1(Y04)/D: s.n. D-96455
 UX2(A19)/CR1(Y04)/E: s.n. D-96486
 UX2(A19)/CR1(Y04)/F: s.n. D-96467
 UX2(A19)/CR1(Y04)/G: s.n. D-96502
 UX2(A19)/CR1(Y04)/H: s.n. D-96504
 UX2(A19)/CR1(Y04)/I: s.n. D-96478

Detector: **TPC A-side (sec. 10, 11, 12)**

Fiber cables:
 9 trunk cables OM3 MPO-MPO (144F)

Path: I-side from Mini-Frame through rack A19 (A-side)

Giuseppe Simonetti

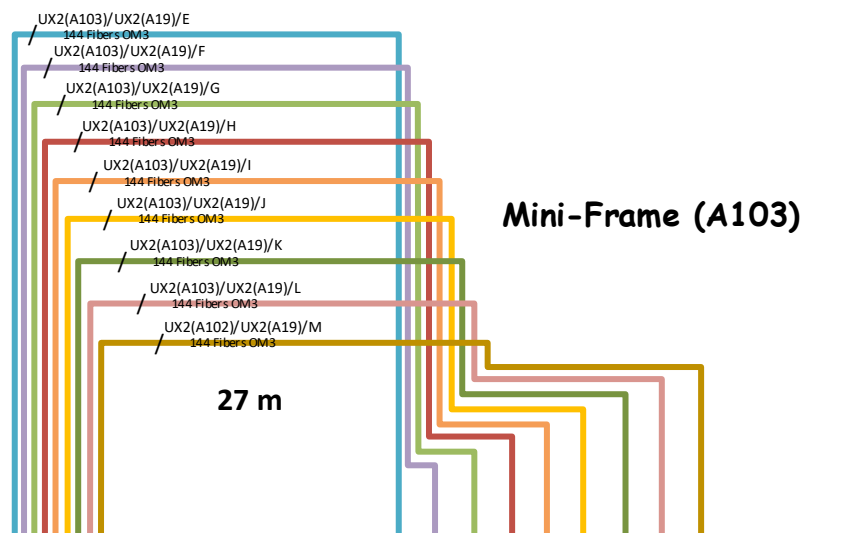
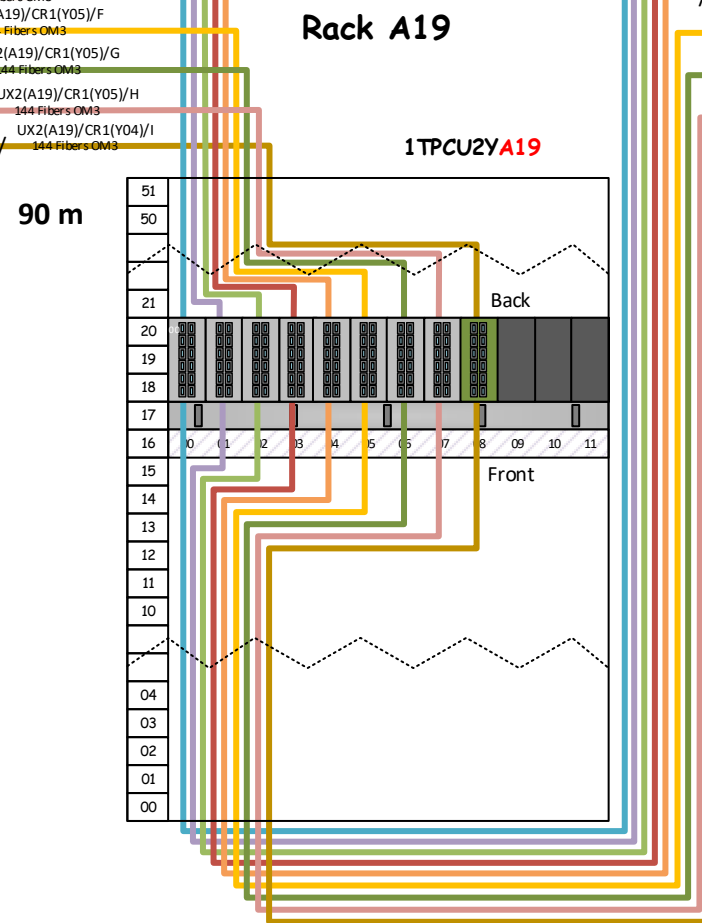
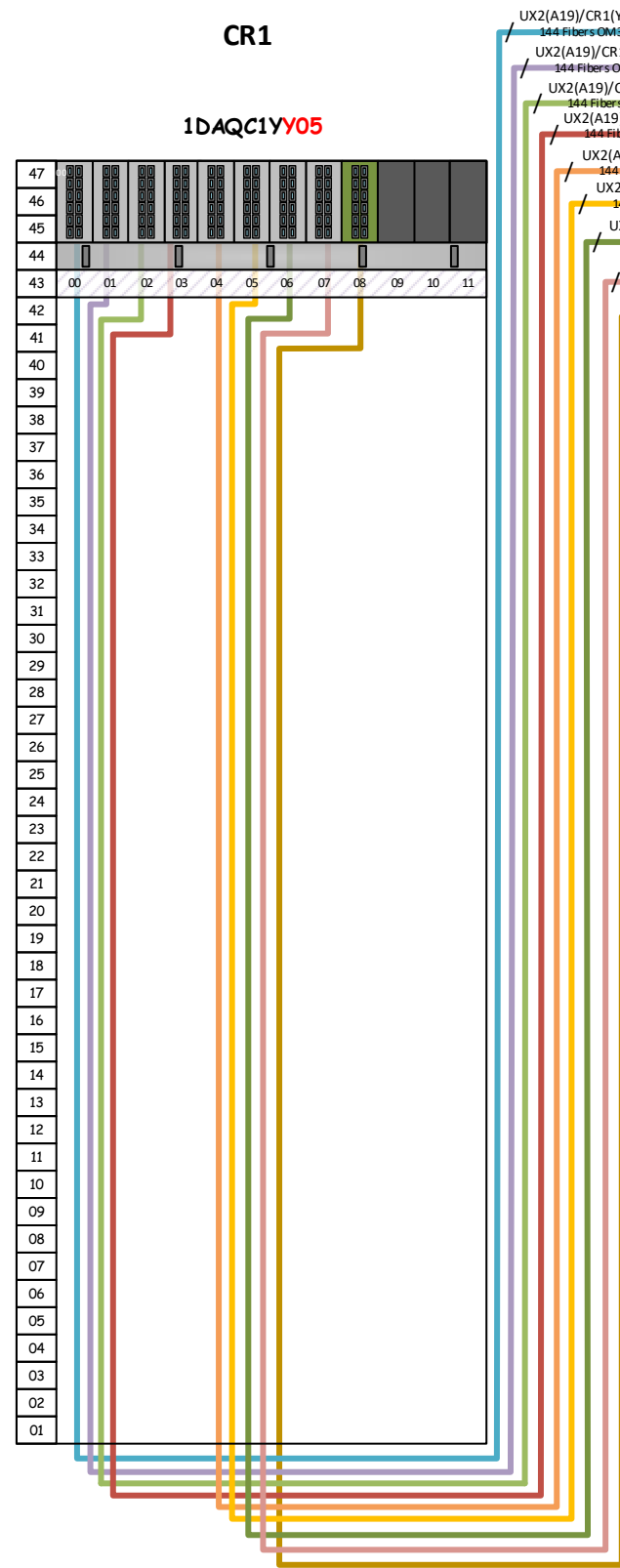
CR1

X14	X13	X12	X11	X10	X09	X08	X07	X06	X05	X04	X03	X02	X01
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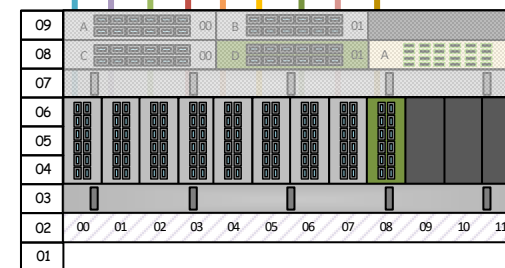
Y14	Y13	Y12	Y11	Y10	Y09	Y08	Y07	Y06	Y05	Y04	Y03	Y02	Y01
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

Z15	Z14	Z13											
			Z10	Z09	Z08	Z07	Z06	Z05	Z04	Z03	Z02	Z01	

- Terminal plate OM3
3U 12xMPO-MPO
- Terminal plate OM3
3U 12xMPO-MPO (Spare)
- Blind plate 3U
- MPO OM3 plug terminated

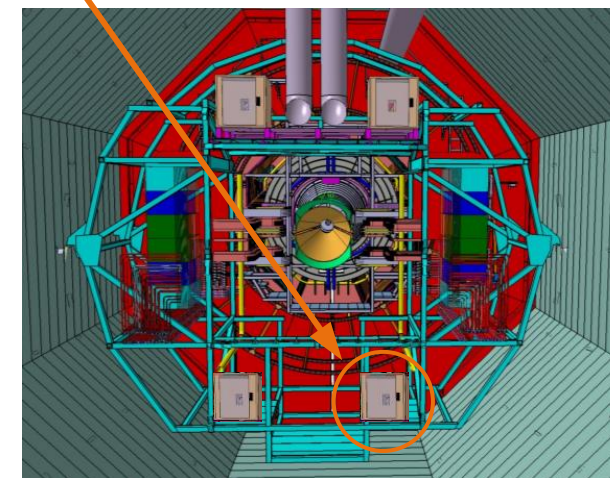


27 m



- Terminal plate OM3
3U 12xMPO-MPO
- Terminal plate OM3
3U 12xMPO-MPO (Spare)
- Blind plate 3U
- MPO OM3 plug terminated

TPC



UX2(A103)/UX2(A19)/E: s.n. D-96413 —

UX2(A103)/UX2(A19)/F: s.n. D-96450 —

UX2(A103)/UX2(A19)/G: s.n. D-96426 —

UX2(A103)/UX2(A19)/H: s.n. D-96416 —

UX2(A103)/UX2(A19)/I: s.n. D-96438 —

UX2(A103)/UX2(A19)/J: s.n. D-96447 —

UX2(A103)/UX2(A19)/K: s.n. D-96435 —

UX2(A103)/UX2(A19)/L: s.n. D-96427 —

UX2(A100)/UX2(A19)/M: s.n. D-96446 —

UX2(A19)/CR1(Y05)/A: s.n. D-96465 35

UX2(A19)/CR1(Y05)/B: s.n. D-96481 36

UX2(A19)/CR1(Y05)/C: s.n. D-96473 37

UX2(A19)/CR1(Y05)/D: s.n. D-96459 38

UX2(A19)/CR1(Y05)/E: s.n. D-96466 39

UX2(A19)/CR1(Y05)/F: s.n. D-96500 40

UX2(A19)/CR1(Y05)/G: s.n. D-96461 41

UX2(A19)/CR1(Y05)/H: s.n. D-96462 42

UX2(A19)/CR1(Y06)/I: s.n. D-96458 34

Detector: **TPC A-side (sec. 13, 14, 15)**

Fiber cables:
9 trunk cables OM3 MPO-MPO (144F)

Path: I-side from Mini-Frame through rack A19 (A-side)

Giuseppe Simonetti

CR1

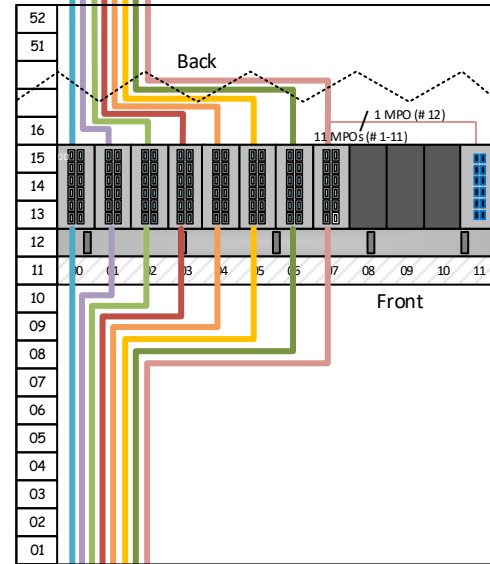
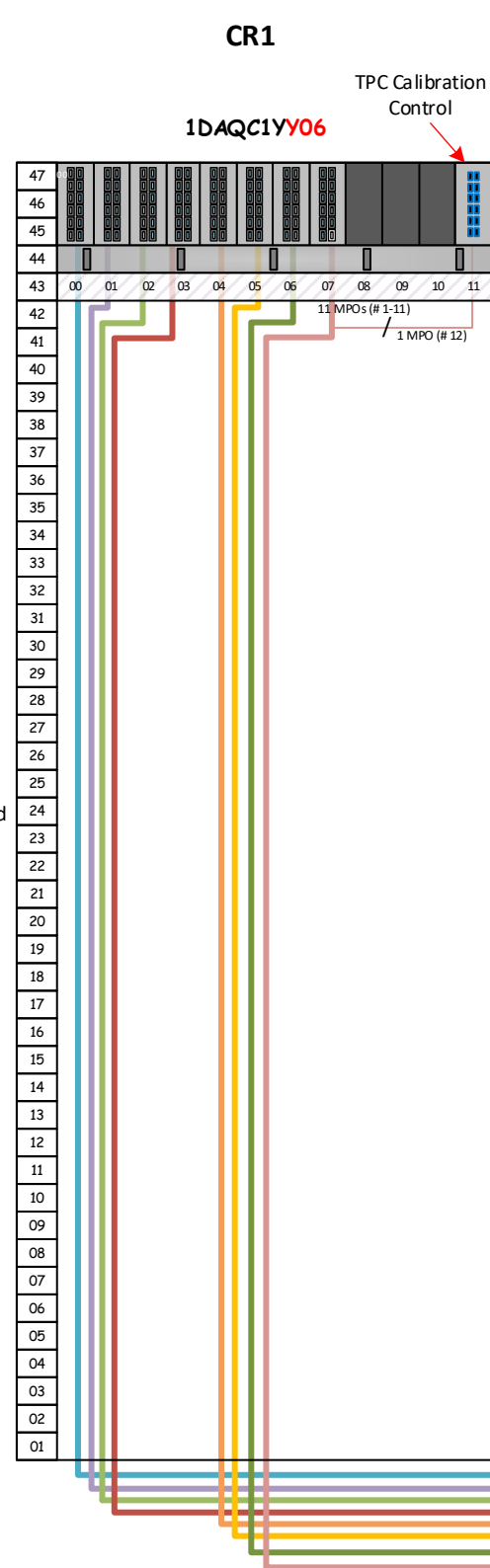
X14	X13	X12	X11	X10	X09	X08	X07	X06	X05	X04	X03	X02	X01
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

Y14	Y13	Y12	Y11	Y10	Y09	Y08	Y07	Y06	Y05	Y04	Y03	Y02	Y01
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

Z15	Z14	Z13
-----	-----	-----

Z10	Z09	Z08	Z07	Z06	Z05	Z04	Z03	Z02	Z01
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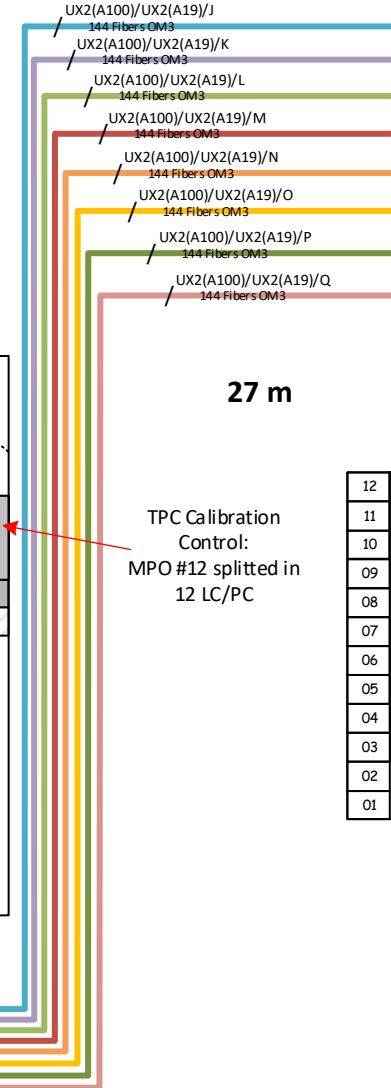
- Terminal plate OM3
3U 12xMPO-MPO
- Terminal plate OM3
3U 12xMPO-MPO (Spare)
- Blind plate 3U
- Terminal module MM
3U 1MPO-12xLC/PC
- MPO OM3 plug not terminated
- MPO OM3 plug terminated



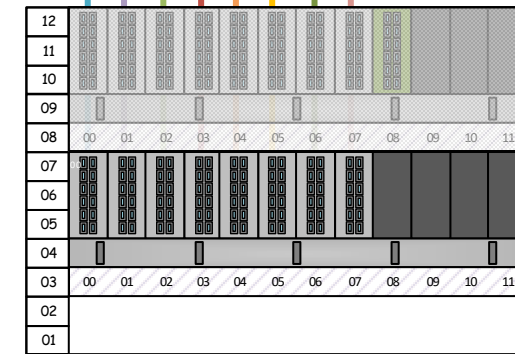
- Terminal module MM
3U 1MPO-12xLC/PC
- MPO OM3 plug not terminated

UX2(A100)/UX2(A19)/J: s.n. D-96439
 UX2(A100)/UX2(A19)/K: s.n. D-96415
 UX2(A100)/UX2(A19)/L: s.n. D-96424
 UX2(A100)/UX2(A19)/M: s.n. D-96451
 UX2(A100)/UX2(A19)/N: s.n. D-96429
 UX2(A100)/UX2(A19)/O: s.n. D-96453
 UX2(A100)/UX2(A19)/P: s.n. D-96428
 UX2(A100)/UX2(A19)/Q: s.n. D-96452

UX2(A19)/CR1(Y06)/A: s.n. D-96506
 UX2(A19)/CR1(Y06)/B: s.n. D-96457
 UX2(A19)/CR1(Y06)/C: s.n. D-96482
 UX2(A19)/CR1(Y06)/D: s.n. D-96479
 UX2(A19)/CR1(Y06)/E: s.n. D-96488
 UX2(A19)/CR1(Y06)/F: s.n. D-96463
 UX2(A19)/CR1(Y06)/G: s.n. D-96489
 UX2(A19)/CR1(Y06)/H: s.n. D-96464



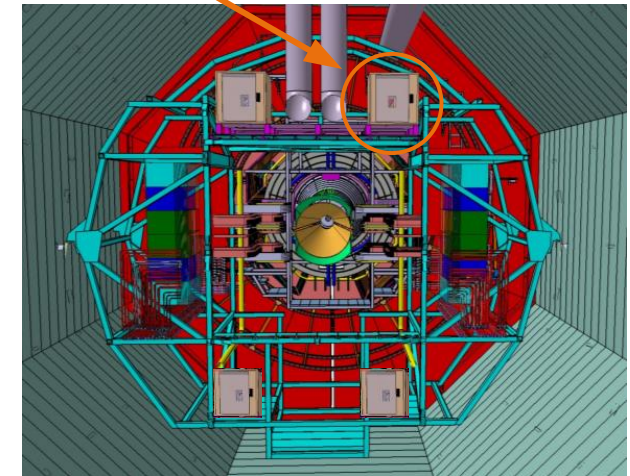
Mini-Frame (A100)



1TPCU2Y A100

- Terminal plate OM3
3U 12xMPO-MPO
- Terminal plate OM3
3U 12xMPO-MPO (Spare)
- Blind plate 3U
- MPO OM3 plug terminated

TPC

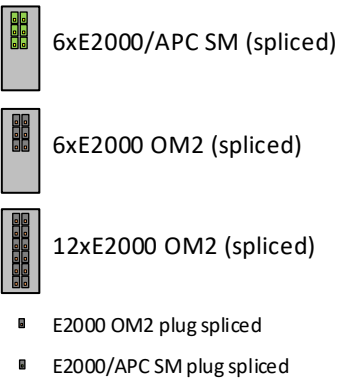
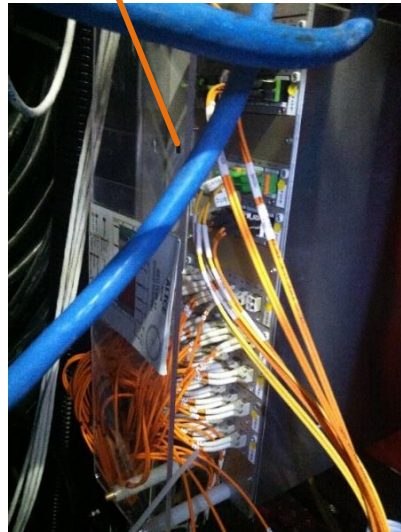
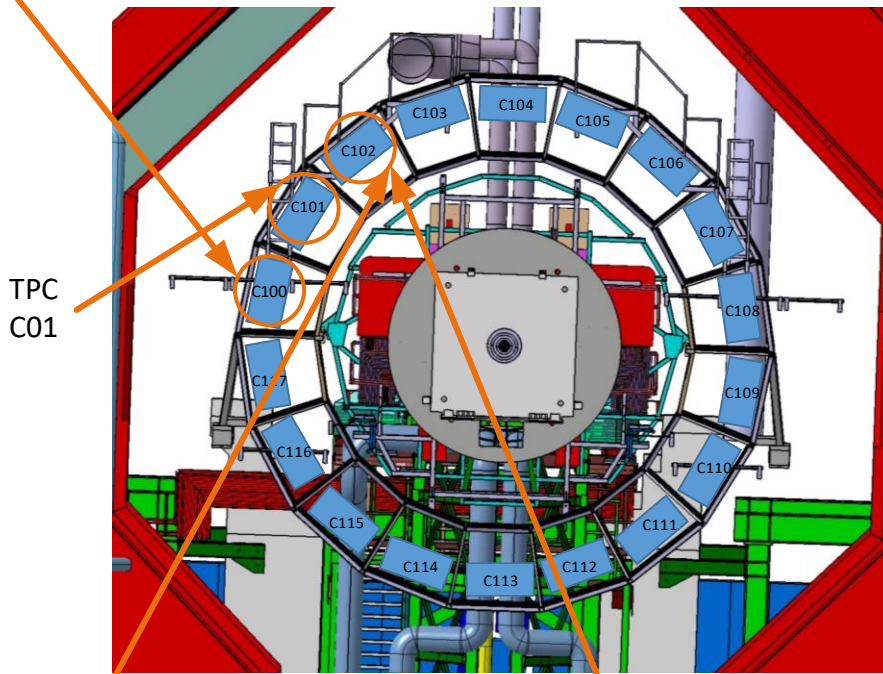
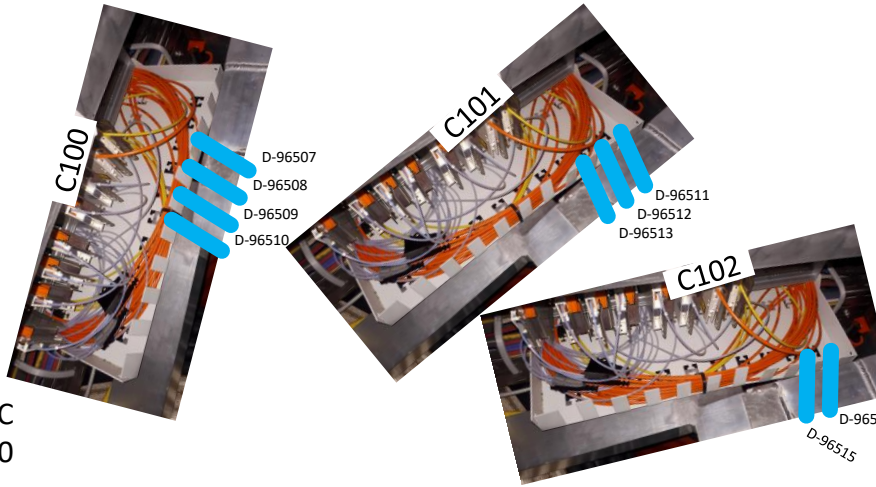
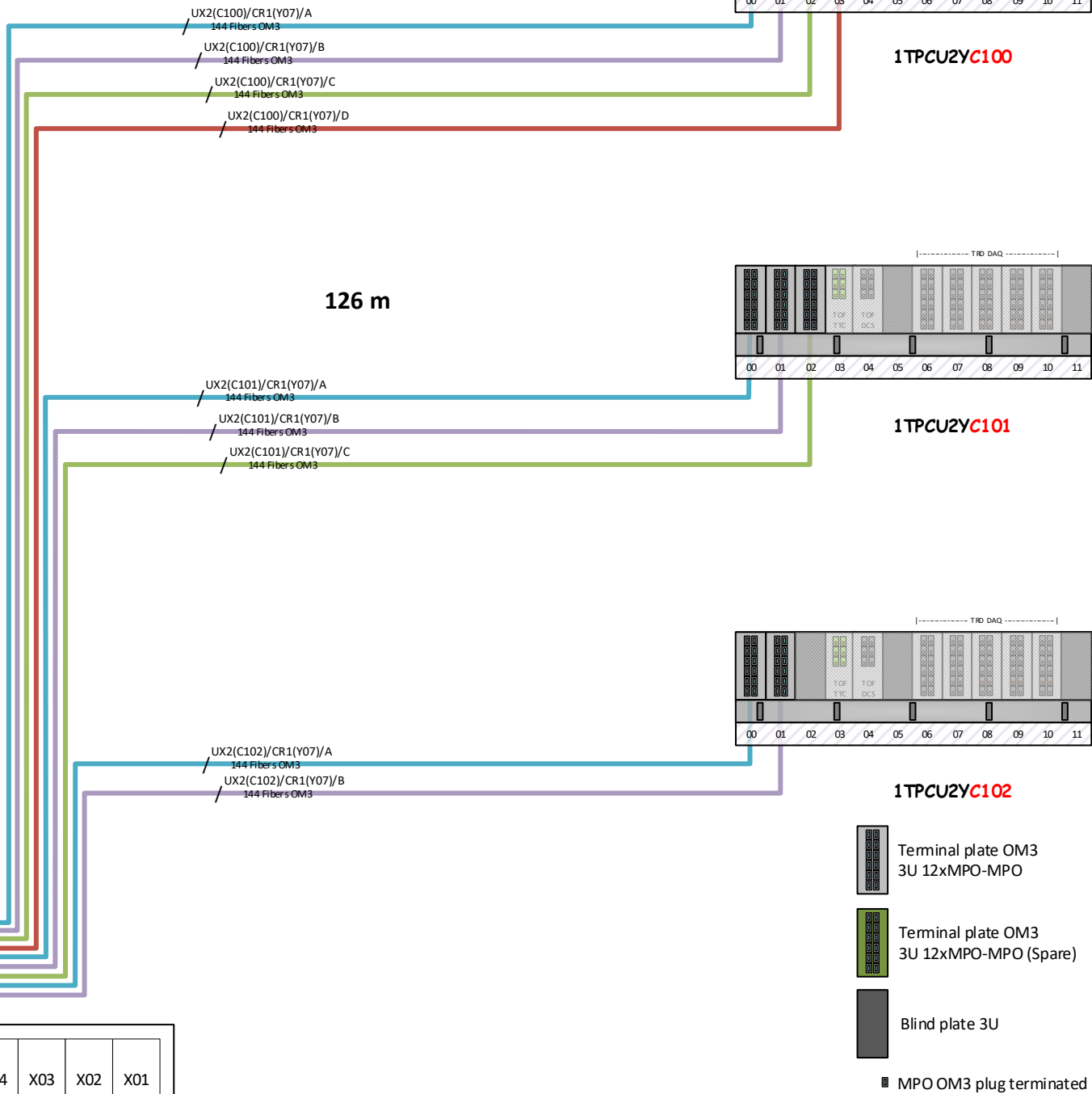
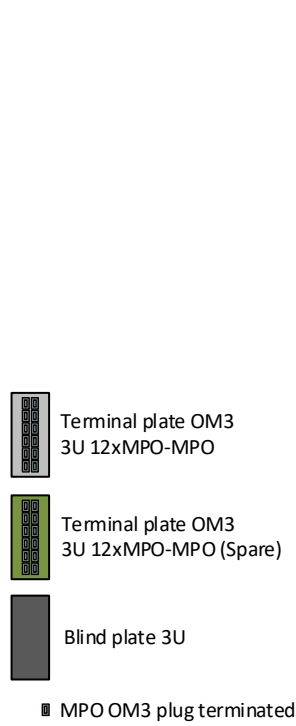


Detector: [TPC A-side \(sec. 16, 17, 00\)](#)

Fiber cables:
8 trunk cables OM3 MPO-MPO (144F)

Path: I-side from Mini-Frame through rack A19 (A-side)

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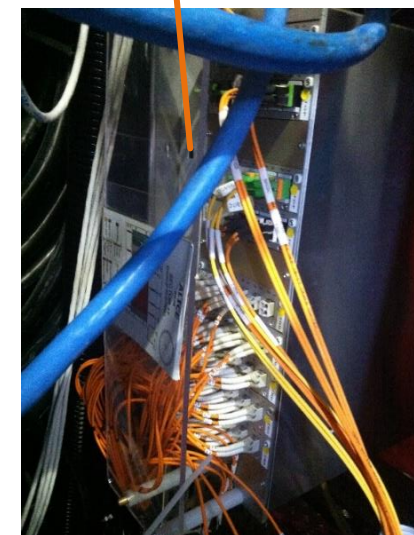
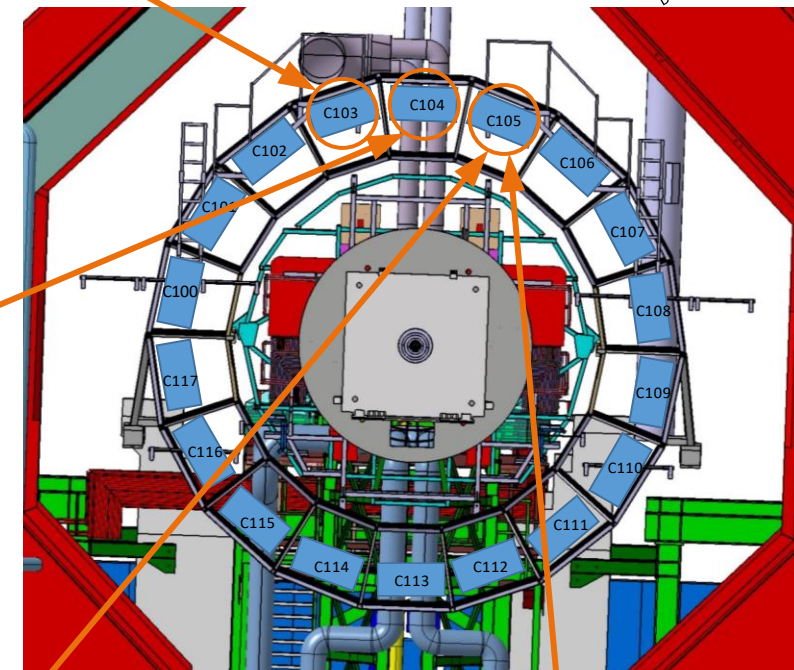
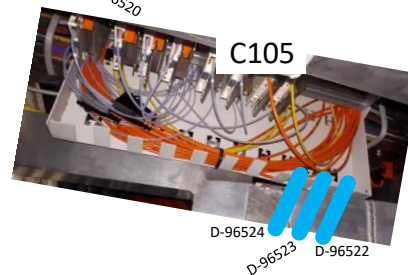
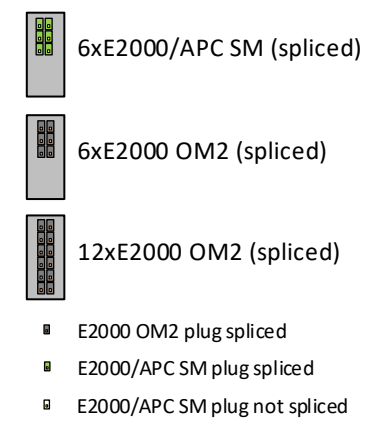
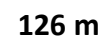
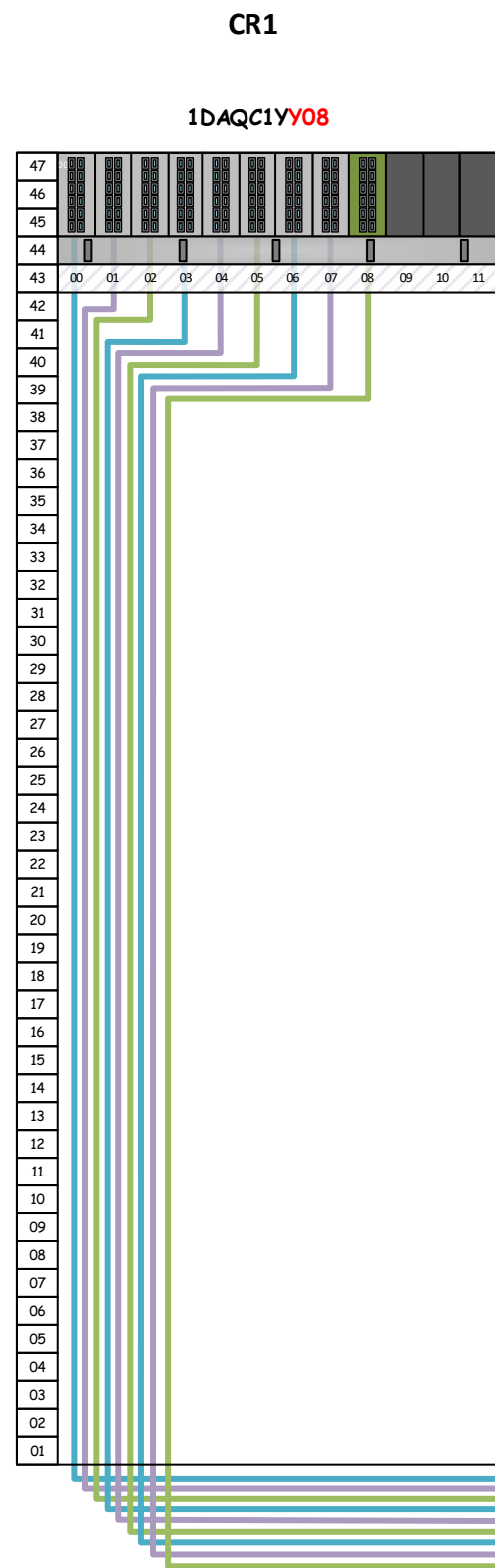
UX2(C100)/CR1(Y07)/A: s.n. D-96507	109
UX2(C100)/CR1(Y07)/B: s.n. D-96508	110
UX2(C100)/CR1(Y07)/C: s.n. D-96509	111
UX2(C100)/CR1(Y07)/D: s.n. D-96510	112
UX2(C101)/CR1(Y07)/A: s.n. D-96511	113
UX2(C101)/CR1(Y07)/B: s.n. D-96512	114
UX2(C101)/CR1(Y07)/C: s.n. D-96513	115
UX2(C102)/CR1(Y07)/A: s.n. D-96514	116
UX2(C102)/CR1(Y07)/B: s.n. D-96515	117

Detector: TPC C-side (sec. 00, 01, 02)

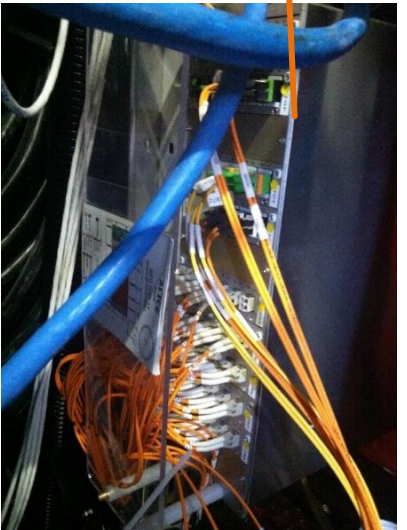
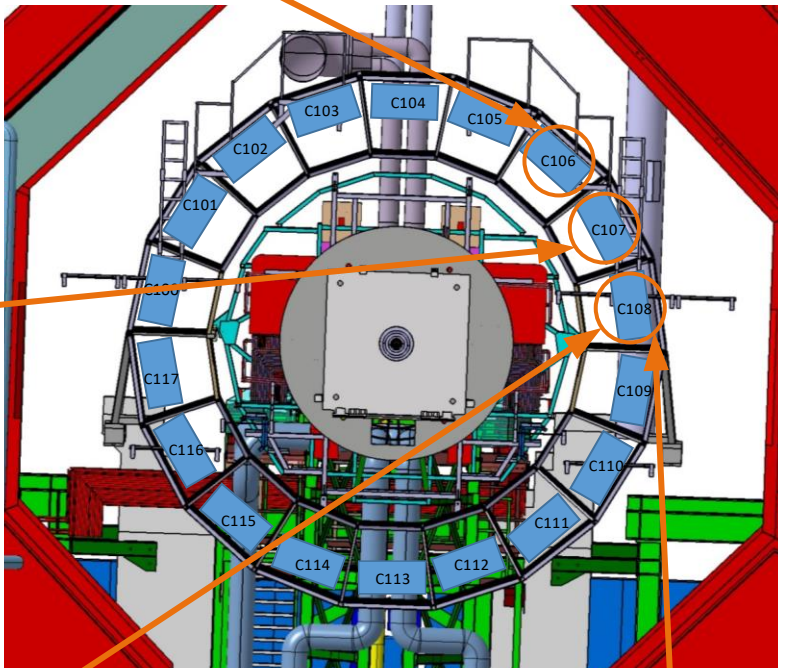
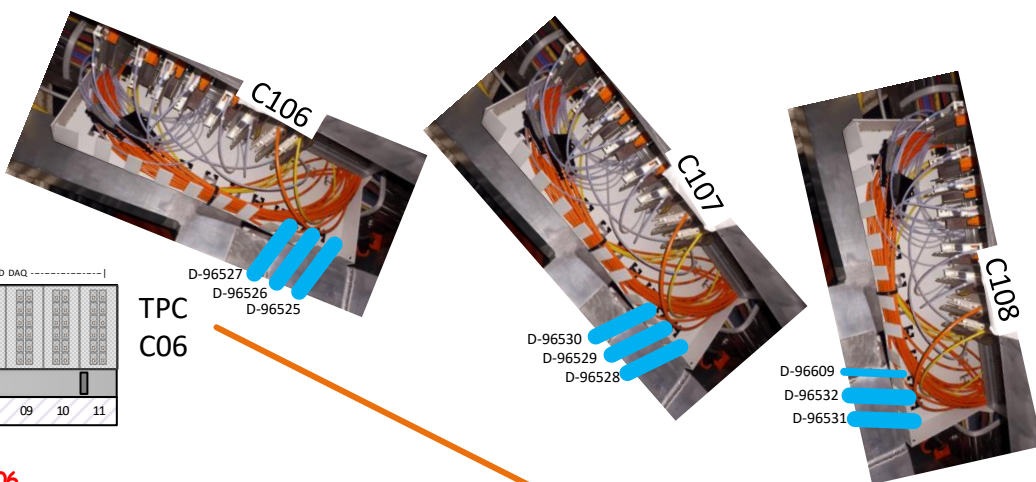
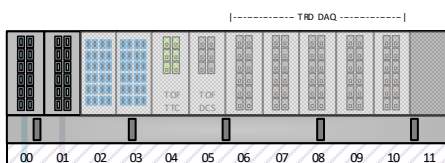
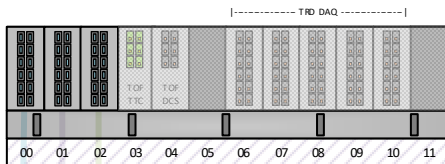
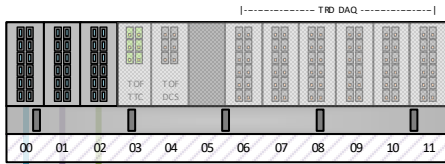
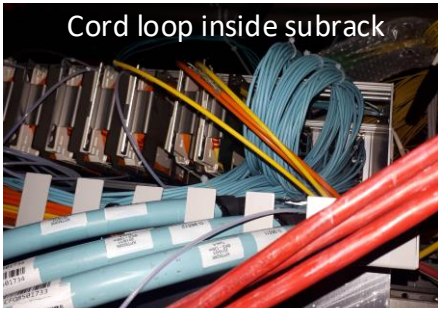
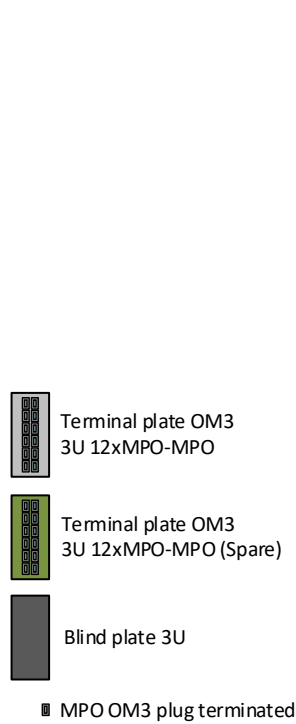
Fiber cables:
9 trunk cables OM3 MPO-MPO (144F)

Path: O-side from FASS (C-side)

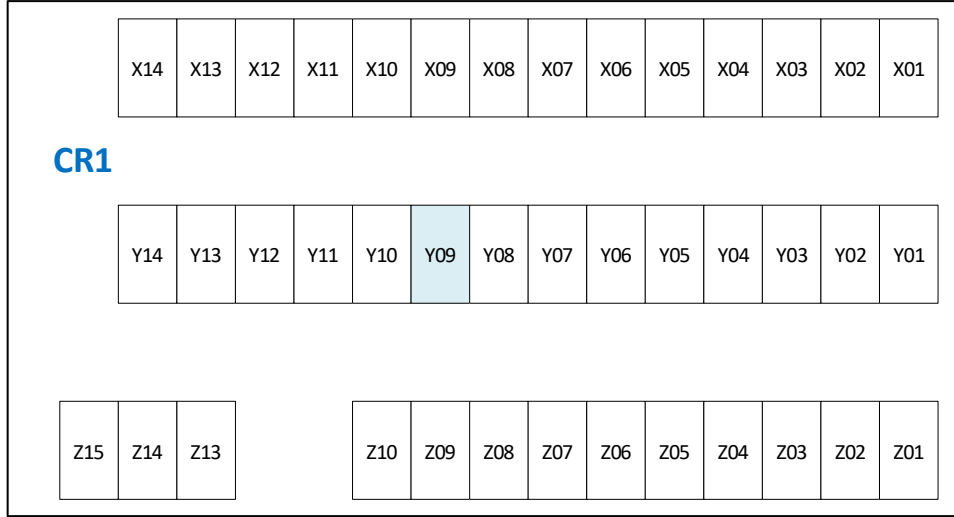
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UX2(C103)/CR1(Y08)/A: s.n. D-96516	205
UX2(C103)/CR1(Y08)/B: s.n. D-96517	206
UX2(C103)/CR1(Y08)/C: s.n. D-96518	207
UX2(C104)/CR1(Y08)/A: s.n. D-96519	208
UX2(C104)/CR1(Y08)/B: s.n. D-96520	209
UX2(C104)/CR1(Y08)/C: s.n. D-96521	210
UX2(C105)/CR1(Y08)/A: s.n. D-96522	211
UX2(C105)/CR1(Y08)/B: s.n. D-96523	212
UX2(C105)/CR1(Y08)/C: s.n. D-96524	213



126 m



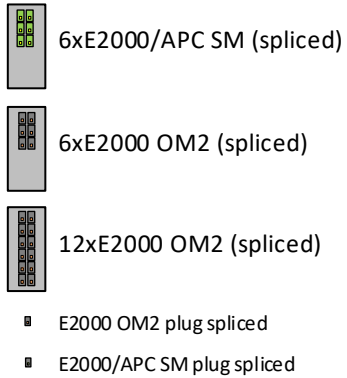
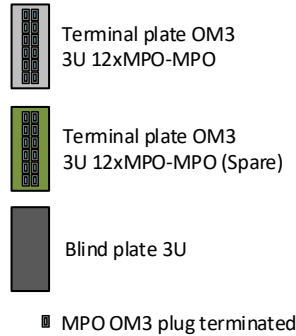
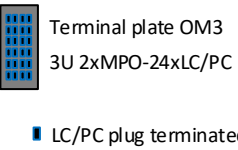
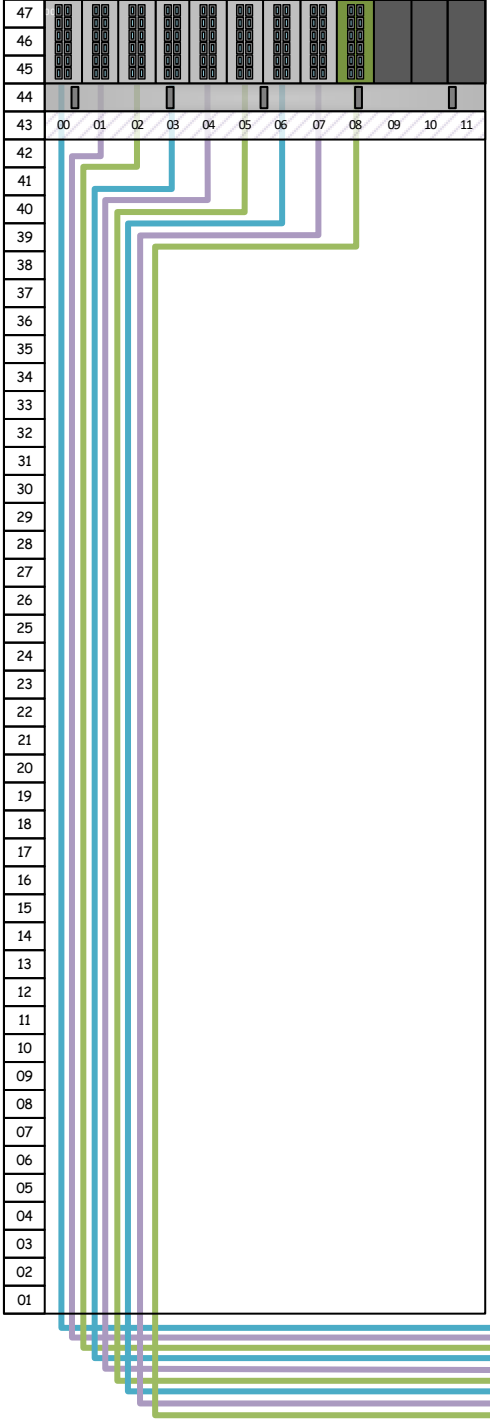
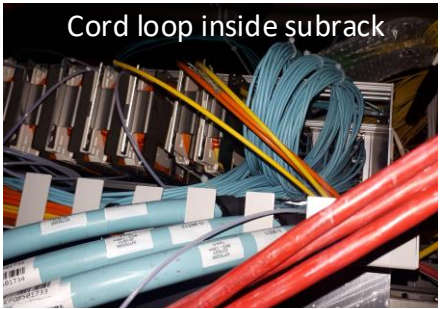
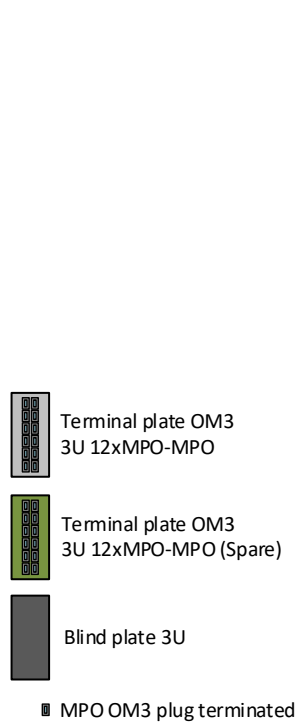
UX2(C106)/CR1(Y09)/A: s.n. D-96525	214
UX2(C106)/CR1(Y09)/B: s.n. D-96526	215
UX2(C106)/CR1(Y09)/C: s.n. D-96527	216
UX2(C107)/CR1(Y09)/A: s.n. D-96528	217
UX2(C107)/CR1(Y09)/B: s.n. D-96529	218
UX2(C107)/CR1(Y09)/C: s.n. D-96530	219
UX2(C108)/CR1(Y09)/A: s.n. D-96531	220
UX2(C108)/CR1(Y09)/B: s.n. D-96532	221

Detector: TPC C-side (sec. 06, 07, 08)

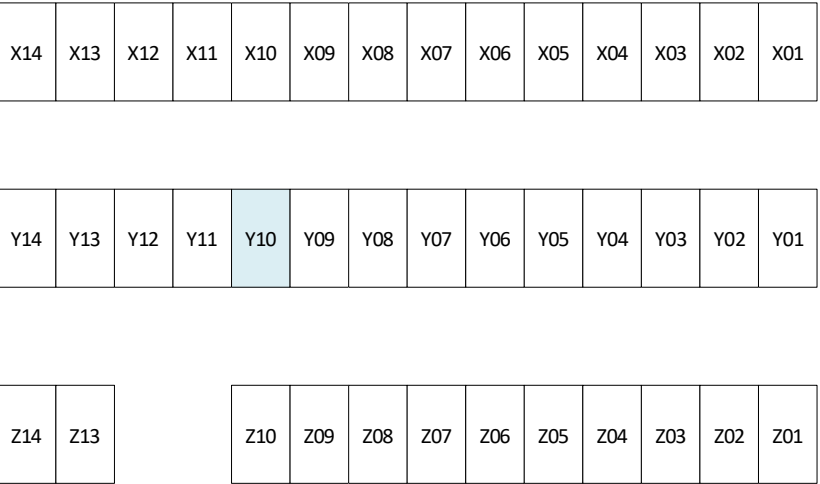
Fiber cables:
8 trunk cables OM3 MPO-MPO (144F)

Path: O-side from FASS (C-side)

Giuseppe Simonetti



CR1

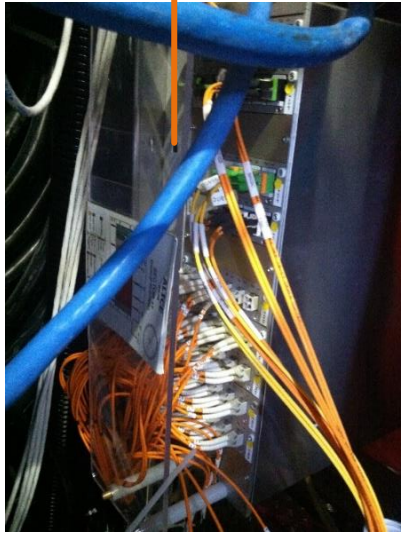
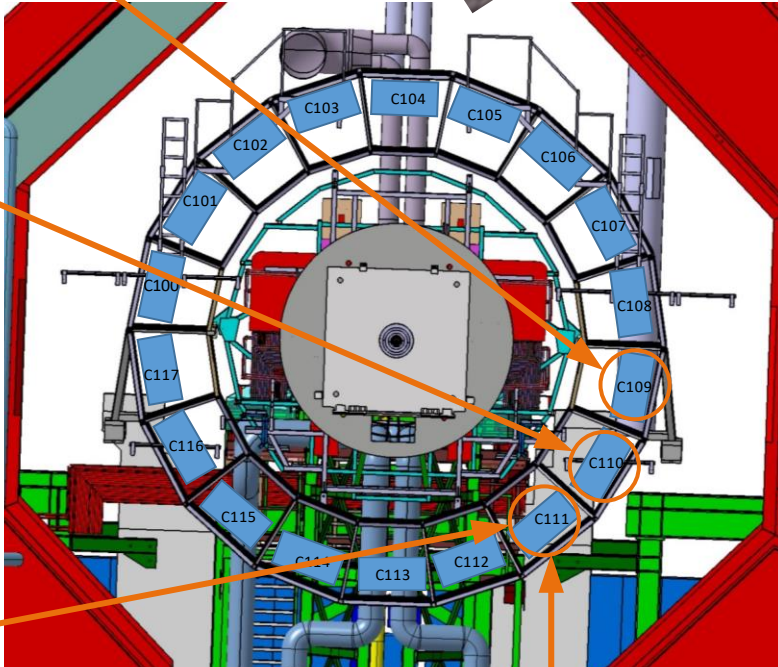
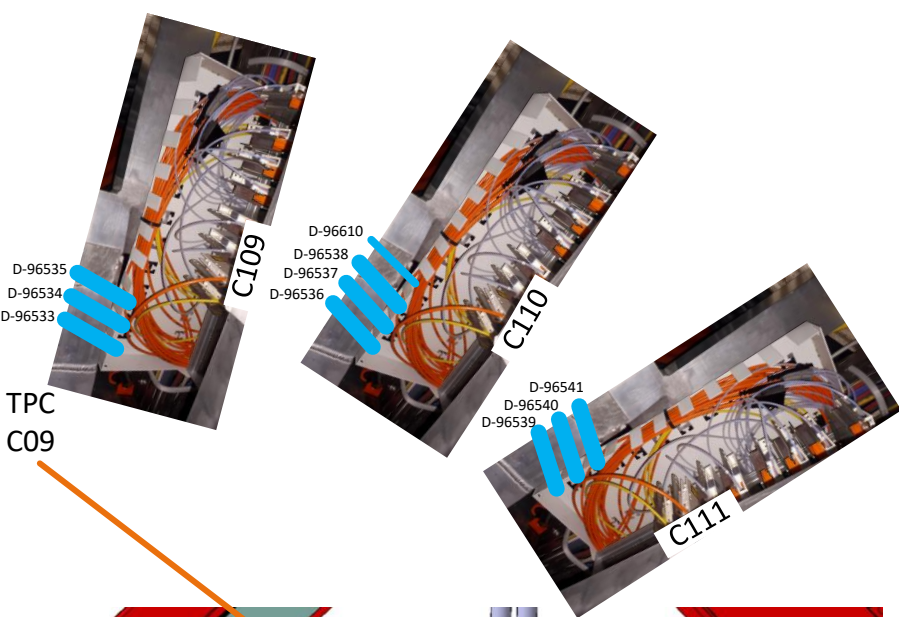


UX2(C109)/CR1(Y10)/A: s.n. D-96533	222
UX2(C109)/CR1(Y10)/B: s.n. D-96534	223
UX2(C109)/CR1(Y10)/C: s.n. D-96535	224
UX2(C110)/CR1(Y10)/A: s.n. D-96536	225
UX2(C110)/CR1(Y10)/B: s.n. D-96537	226
UX2(C110)/CR1(Y10)/C: s.n. D-96538	227
UX2(C111)/CR1(Y10)/A: s.n. D-96539	228
UX2(C111)/CR1(Y10)/B: s.n. D-96540	229
UX2(C111)/CR1(Y10)/C: s.n. D-96541	230

TPC
C09

TPC
C10

TPC
C11



Detector: **TPC C-side (sec. 09, 10, 11)**

Fiber cables:
9 trunk cables OM3 MPO-MPO (144F)

Path: O-side from FASS (C-side)

Giuseppe Simonetti

