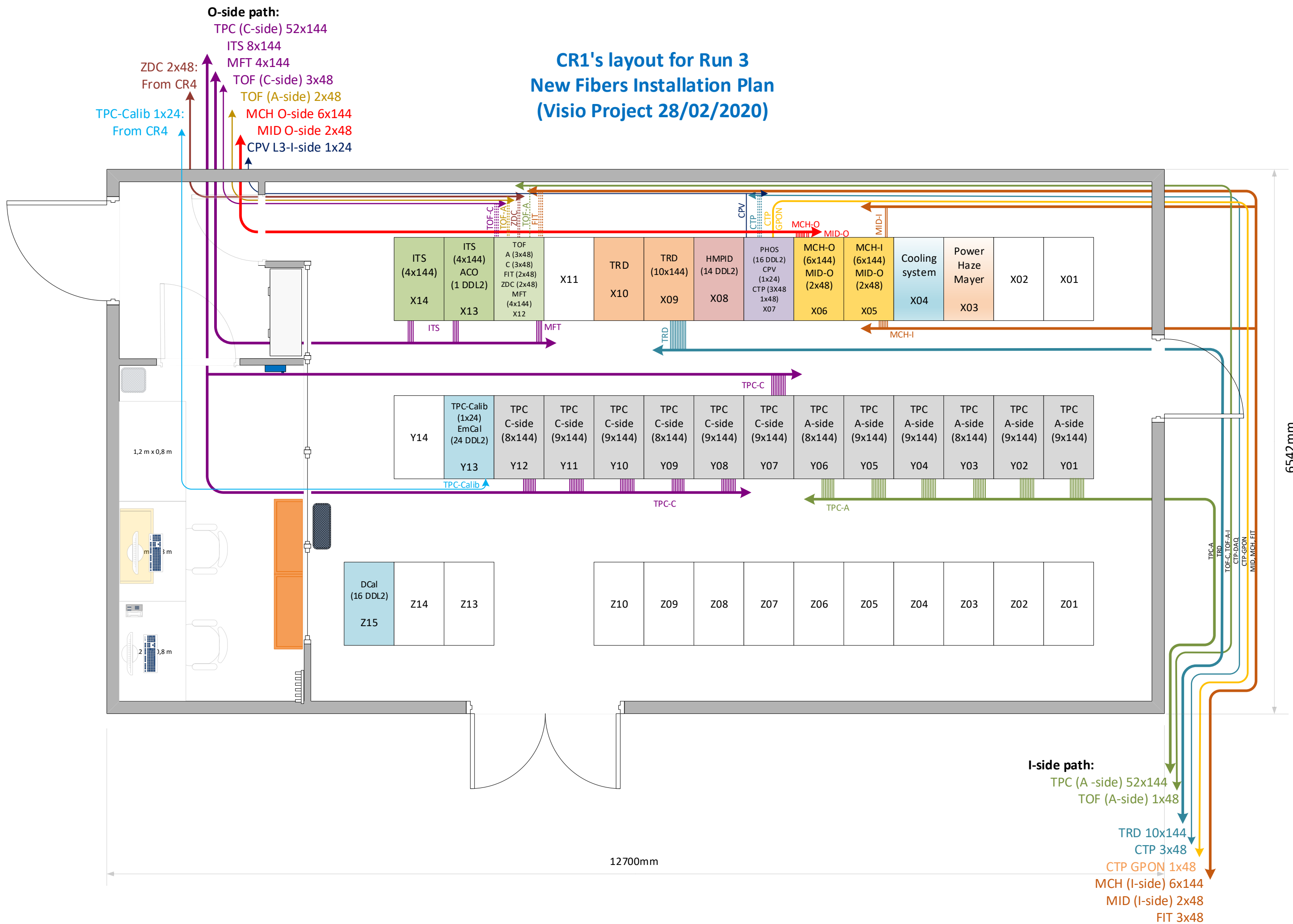
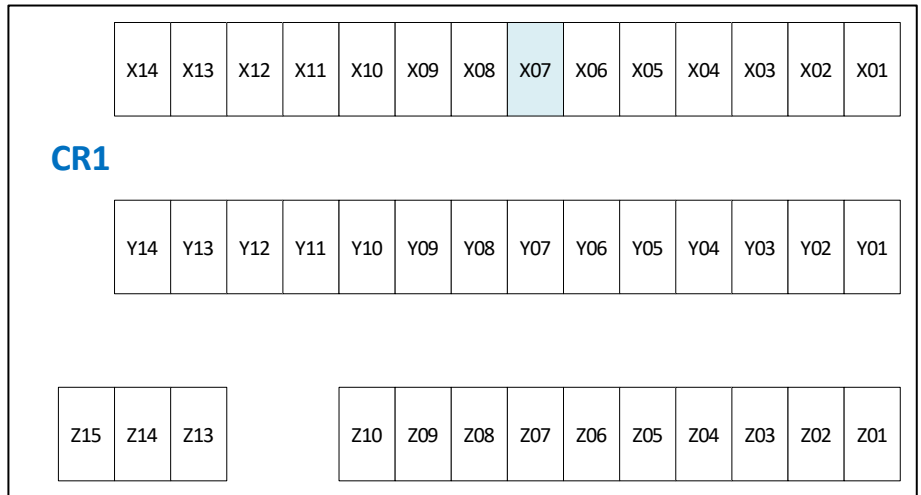
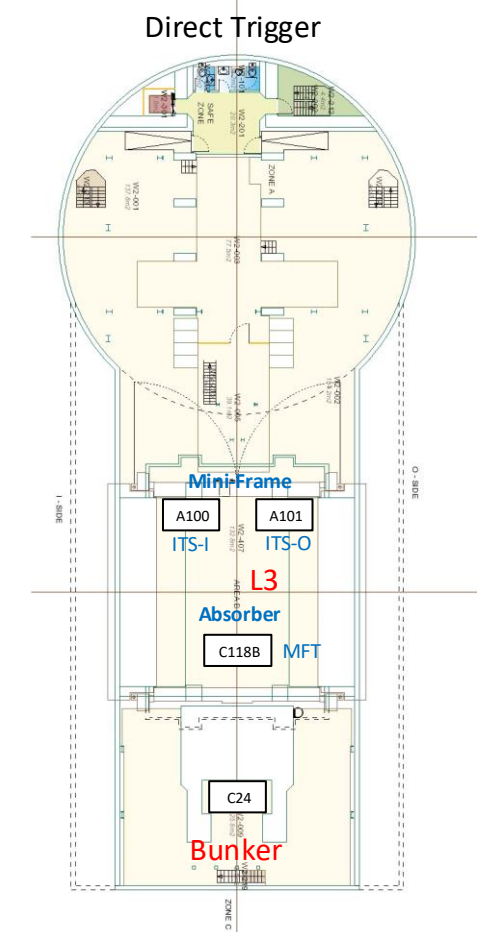
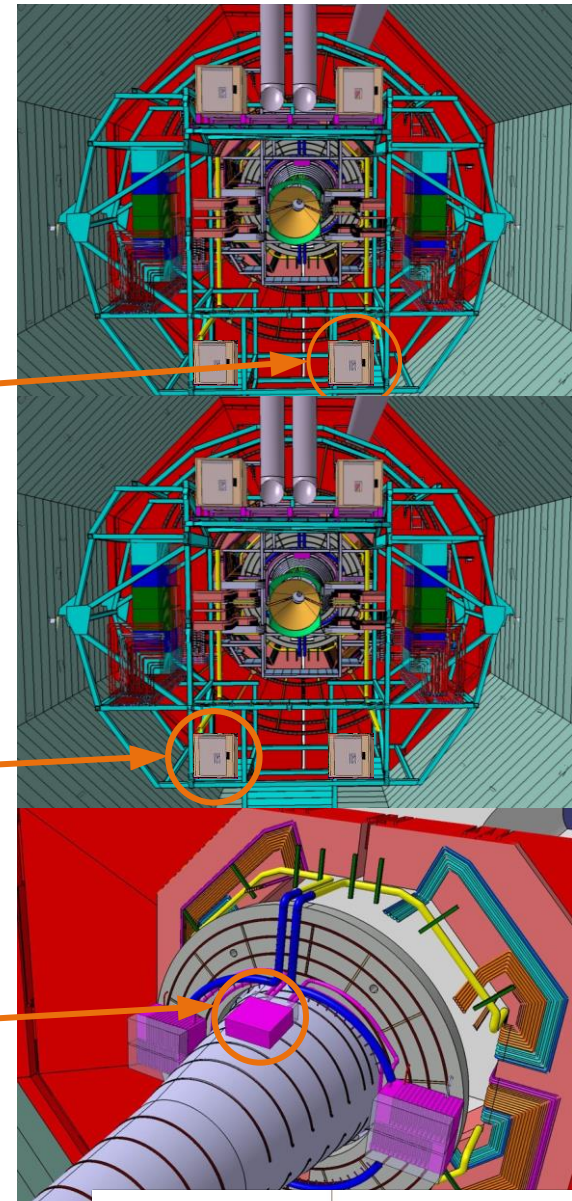
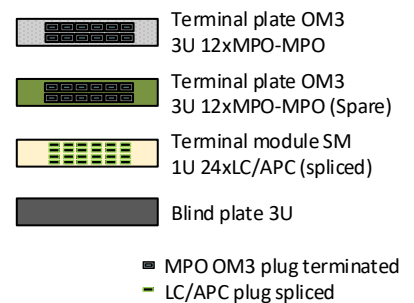
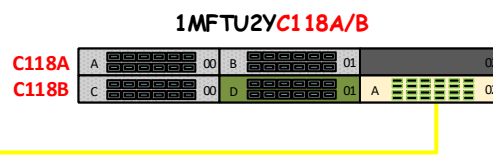
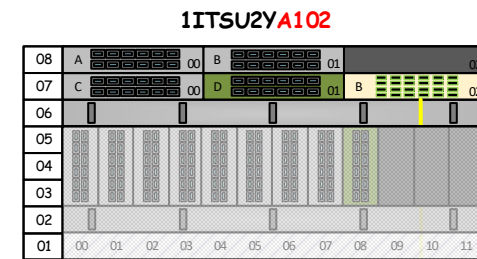
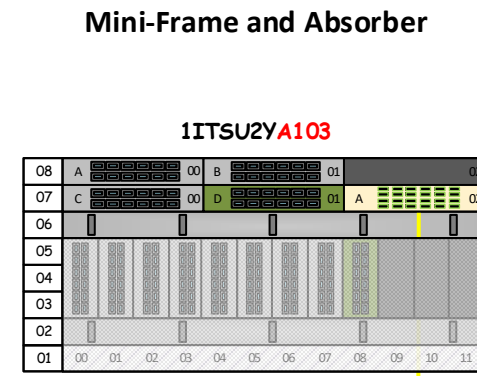
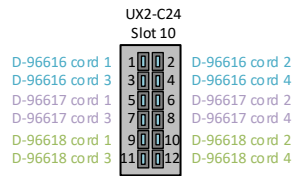
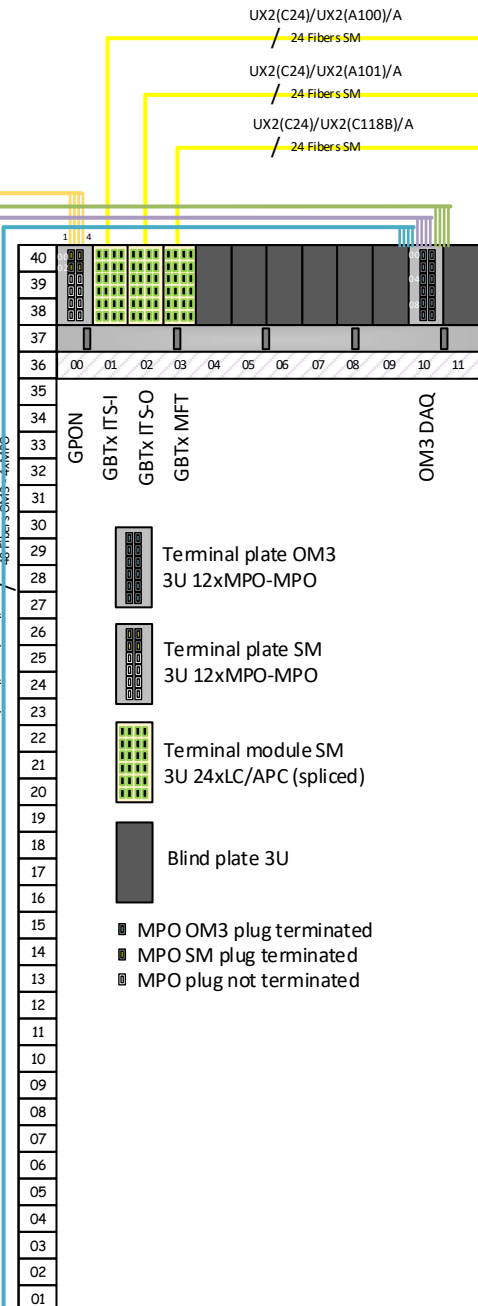
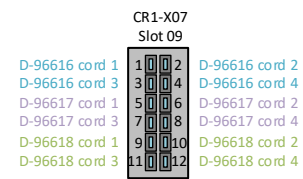
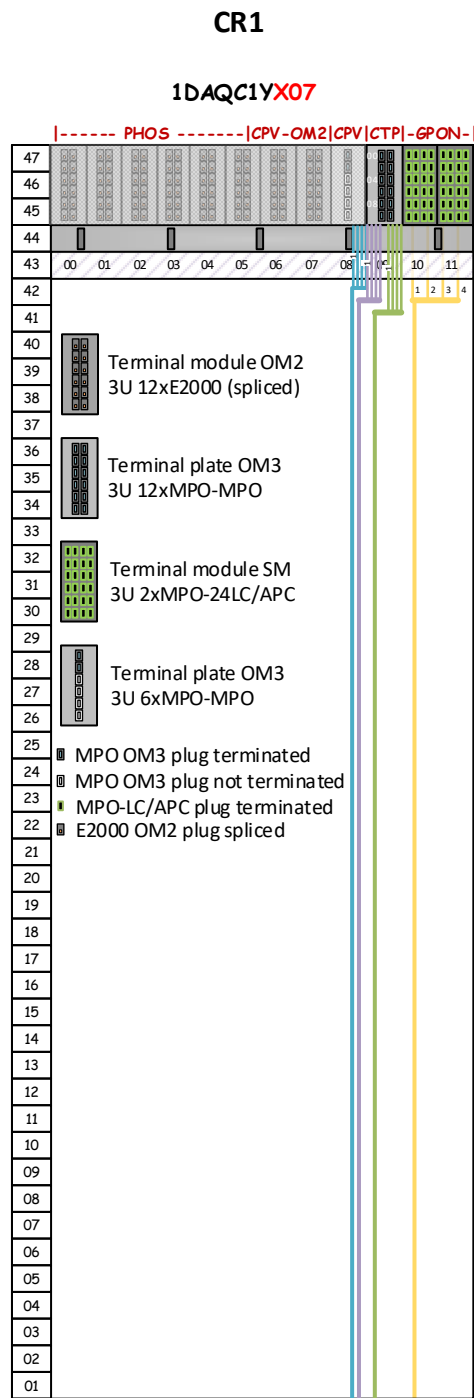


CR1's layout for Run 3 New Fibers Installation Plan (Visio Project 28/02/2020)





1TRIU2YC24

— 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(A100)/A: s.n. GBTx-ITS-A-I	—
UX2(C24)/UX2(A101)/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

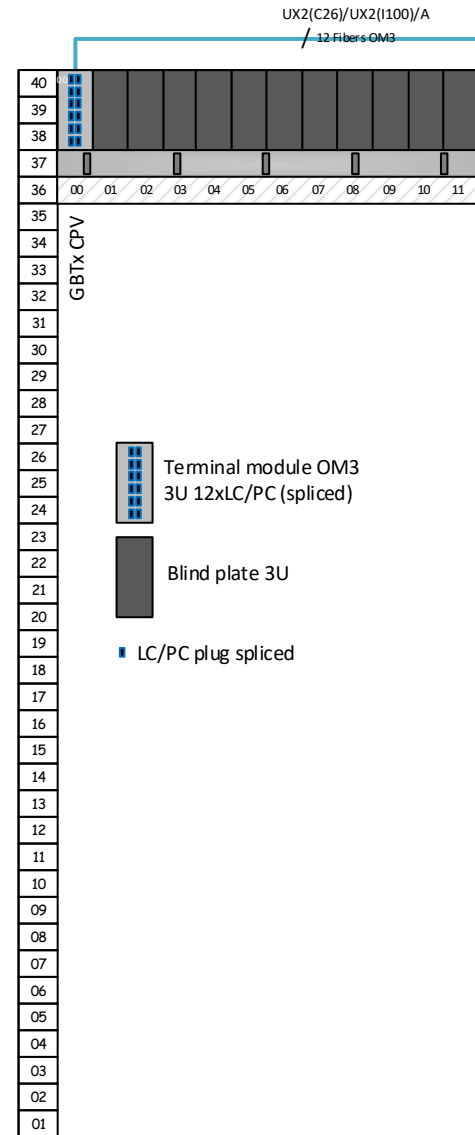
Path: Inside L3 from Bunker (C-side)

Giuseppe Simonetti

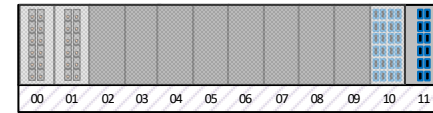
C-side Bunker

L3 platform

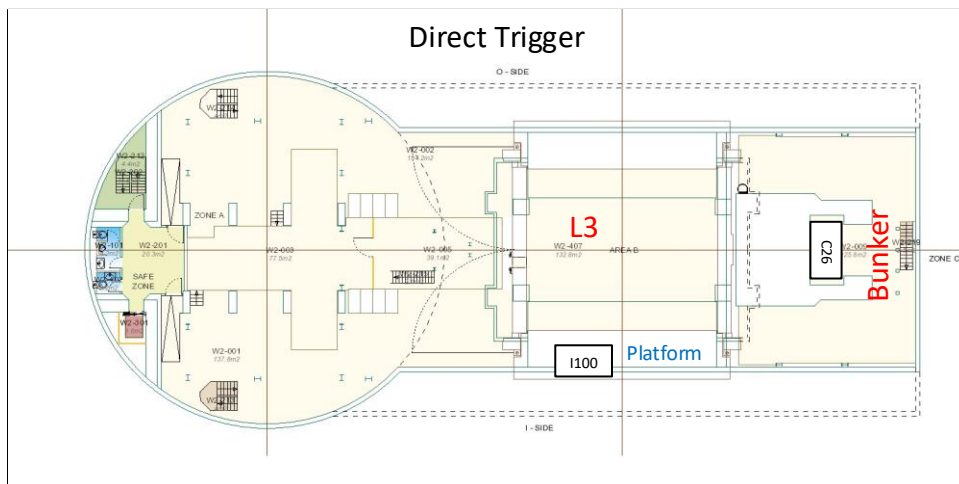
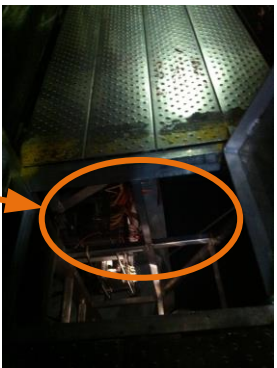
1TRIU2YC26



1CPVU2YI100



CPV



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

Detector: **CPV (Direct Trigger)**

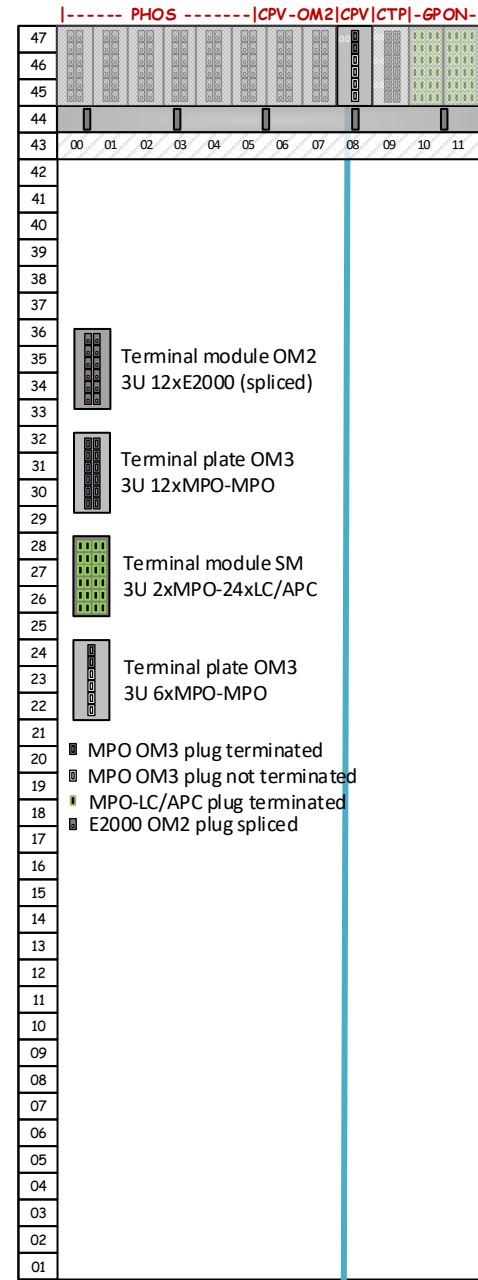
Fiber cables:
1 micro-duct cable OM3 (12F) GBTx

Path: Inside L3 from Bunker (C-side)

Giuseppe Simonetti

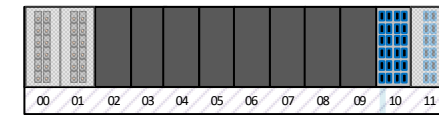
CR1

1DAQC1YX07



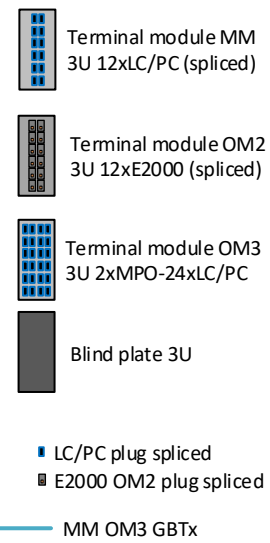
L3 platform

1CPVU2YI100



CPV

UX2(I100)/CR1(X07)/A
/ 24 Fibers OM3



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

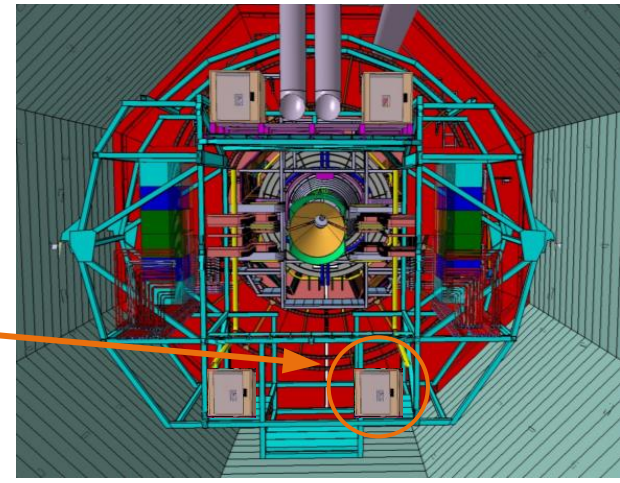
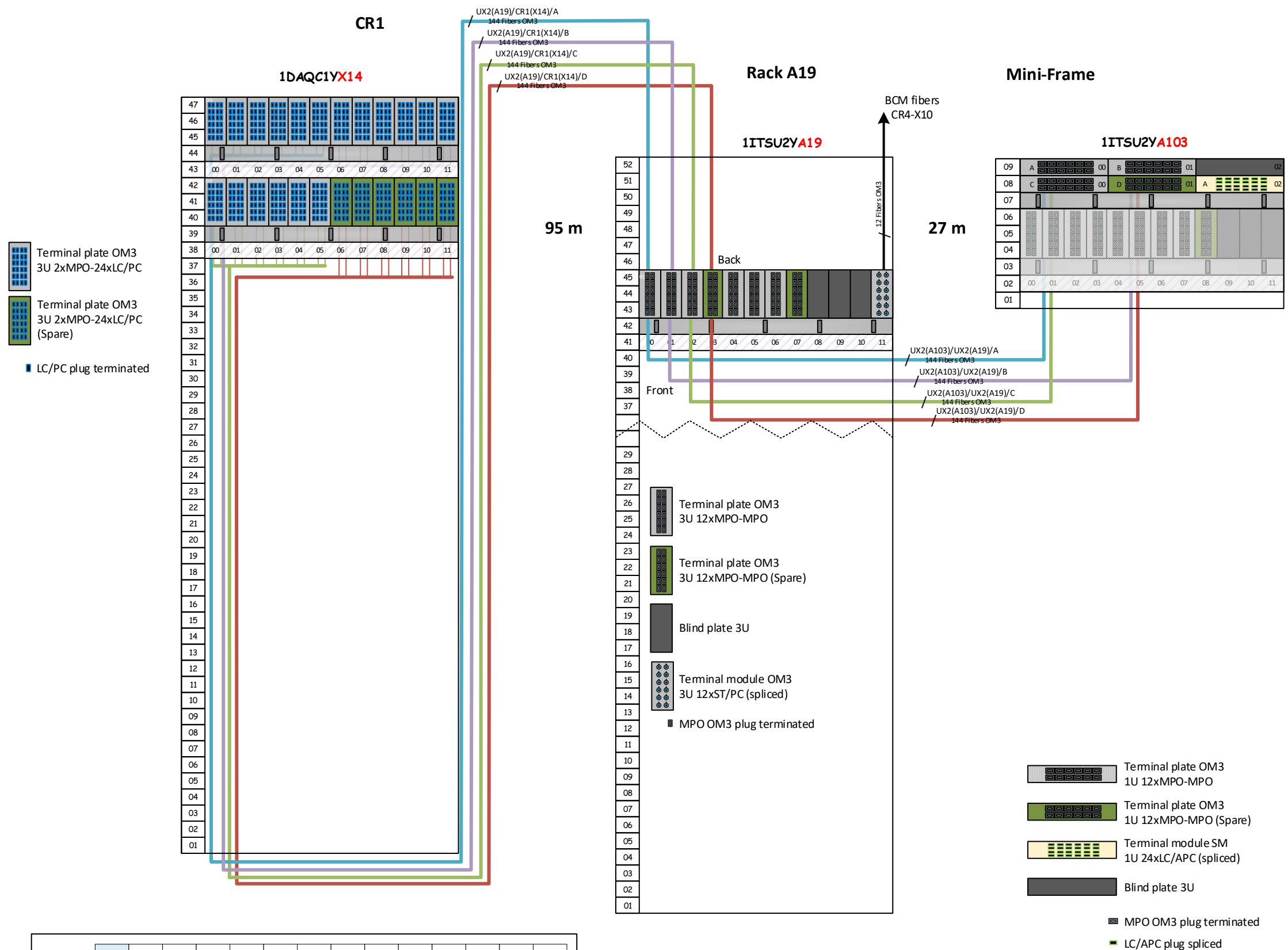
UX2(I100)/CR1(X07)/A: s.n. D-102823 105

Detector: **CPV**

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

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

Giuseppe Simonetti



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	—

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:

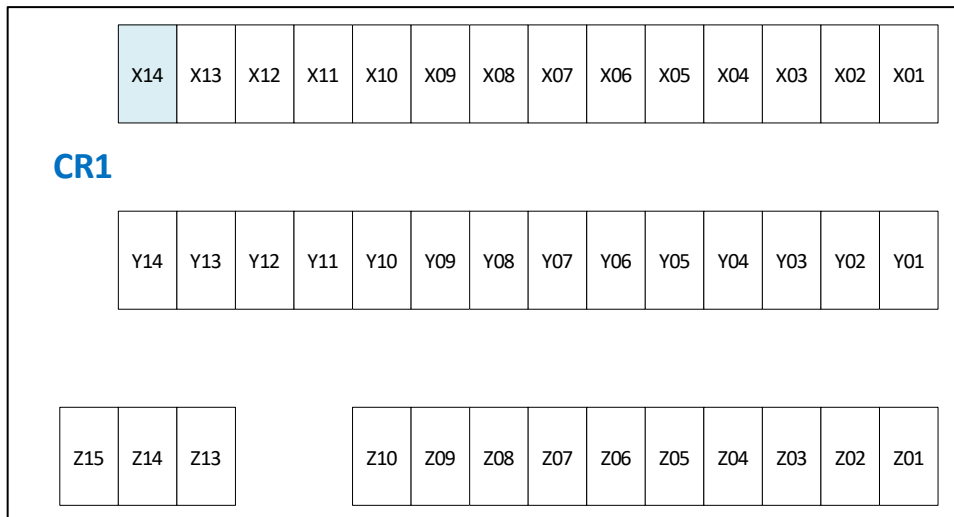
UX2(A19)/CR4(X10)/A: s.n.	—
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Detector: **ITS-A-I-side, BCM**

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

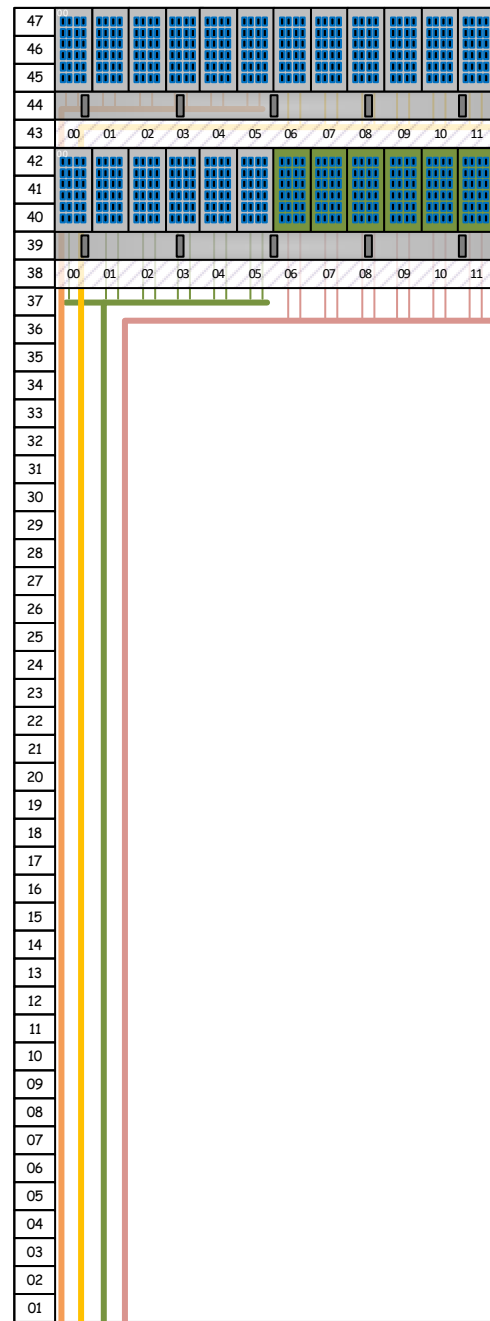
Path: O-side from Mini-Frame (A-side)

Giuseppe Simonetti



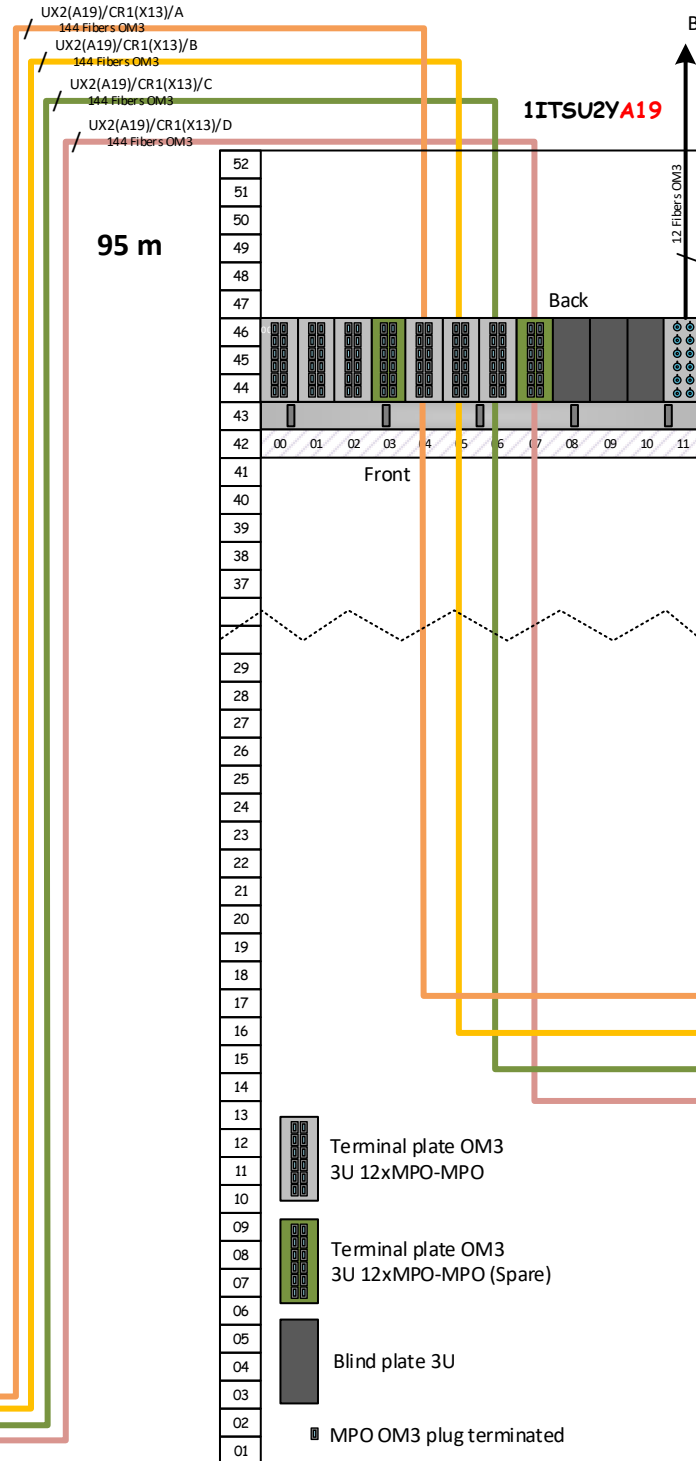
CR1

1DAQC1YX13



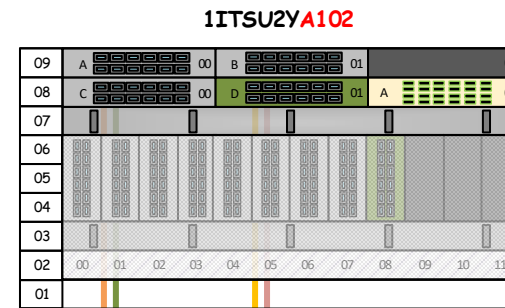
- Terminal plate OM3
3U 2xMPO-24xLC/PC
- Terminal plate OM3
3U 2xMPO-24xLC/PC
(Spare)
- LC/PC plug terminated

Rack A19



- Terminal plate OM3
3U 12xMPO-MPO
- Terminal plate OM3
3U 12xMPO-MPO (Spare)
- Blind plate 3U
- MPO OM3 plug terminated
- Terminal module OM3
3U 12xST/PC (spliced)

Mini-Frame



- 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

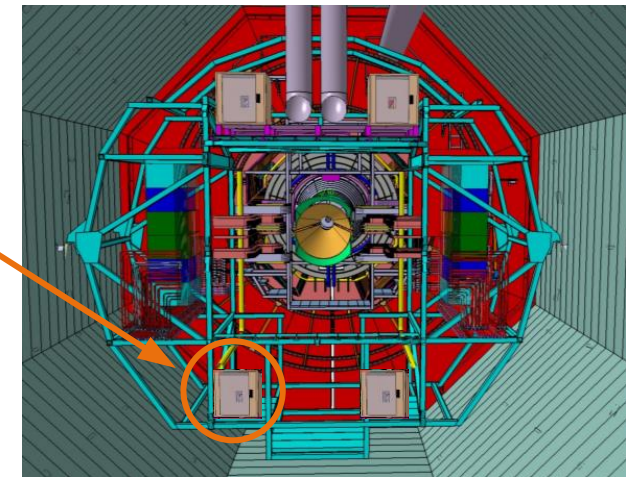
95m trunks:

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	—
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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

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
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

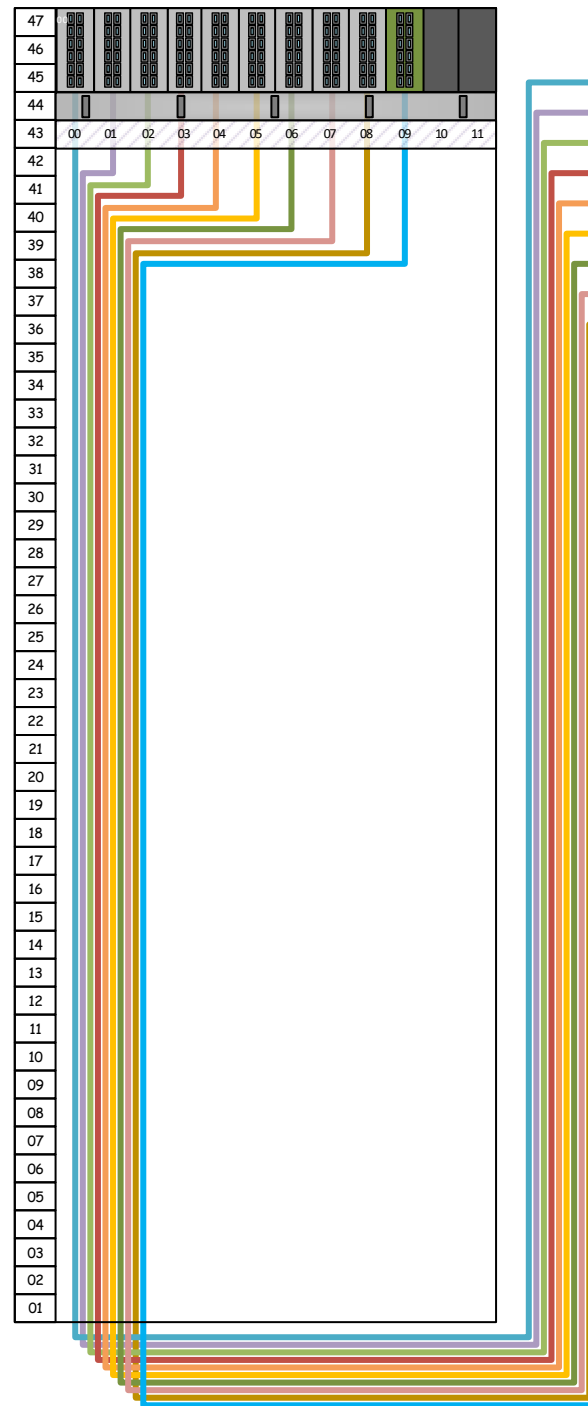
Detector: **ITS-A-O-side, BCM-A**





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

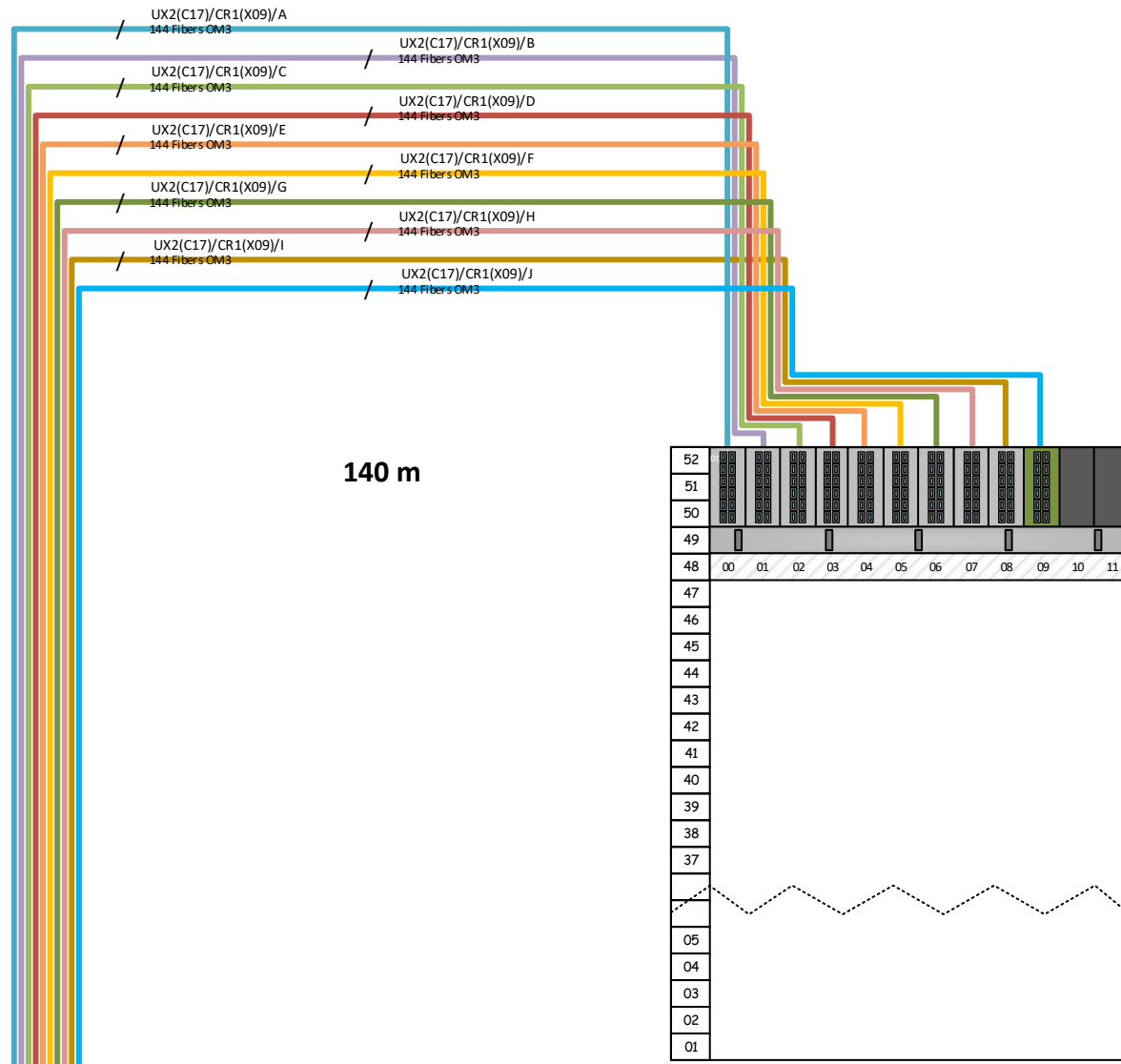
Path: O-side from Mini-Frame (A-side)

CR1





1DAQC1YX09



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

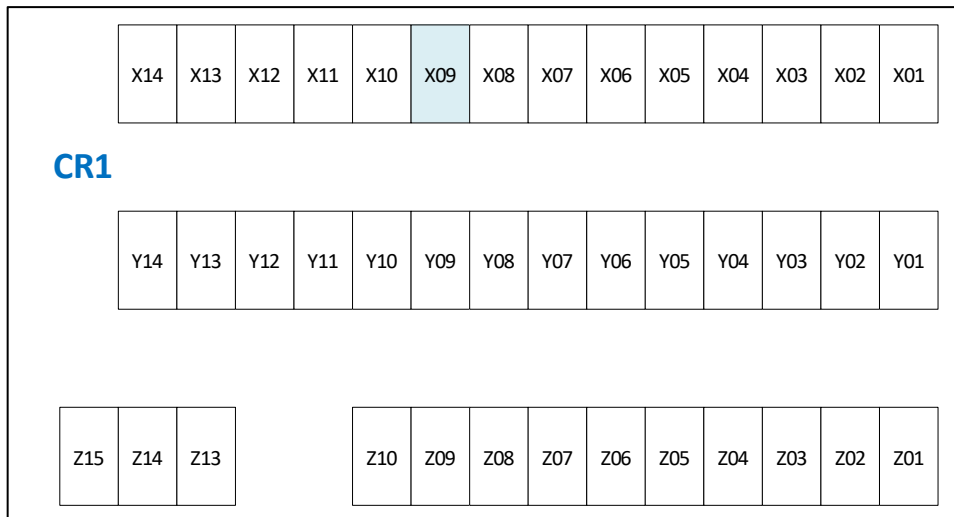


1TRDU2Yc17

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



TRD



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)

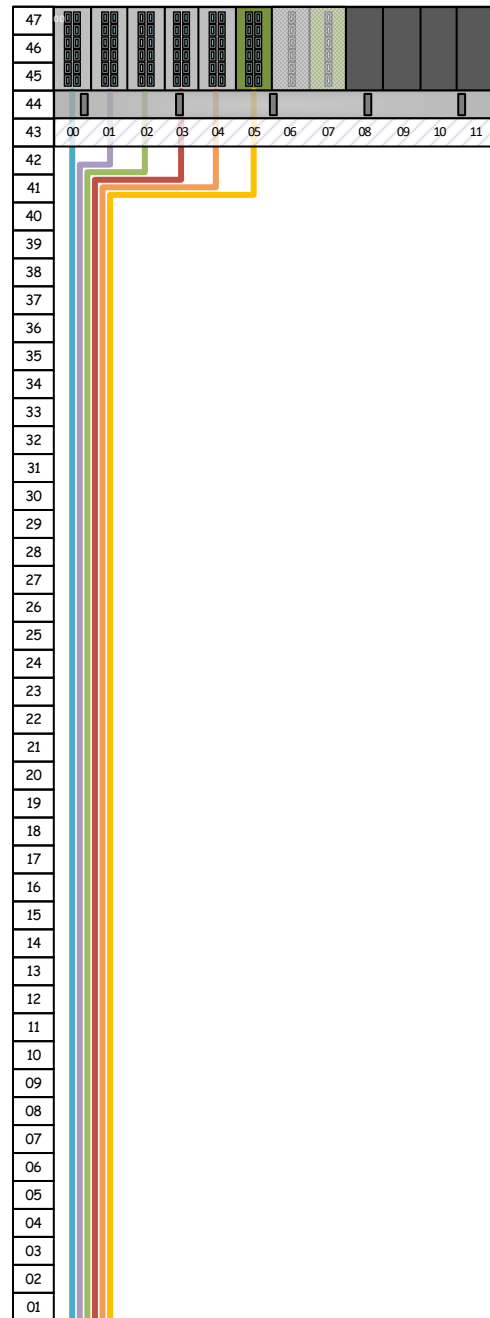
Path: I-side from Bunker (C-side)

Giuseppe Simonetti

CR1

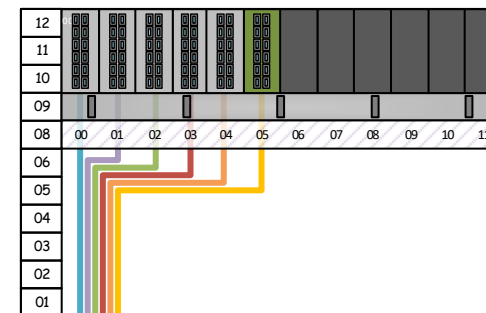
1DAQC1YX05





-  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



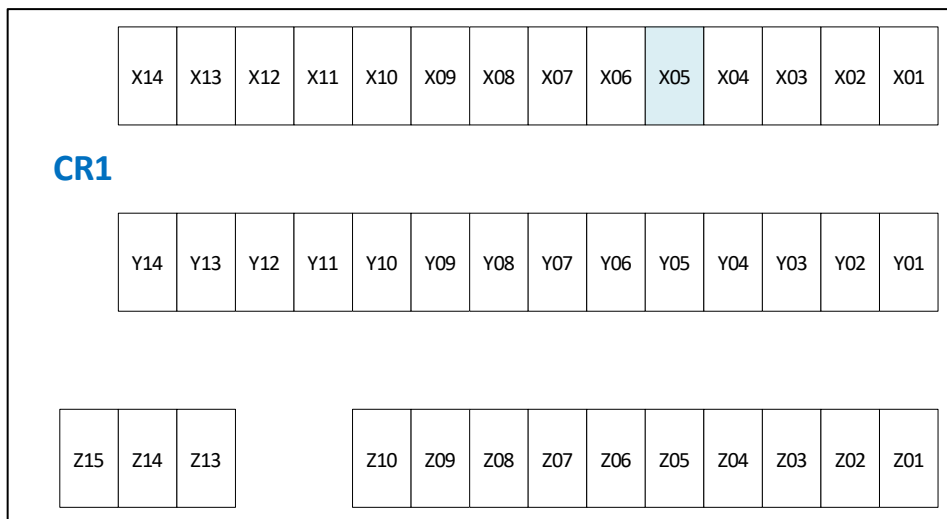
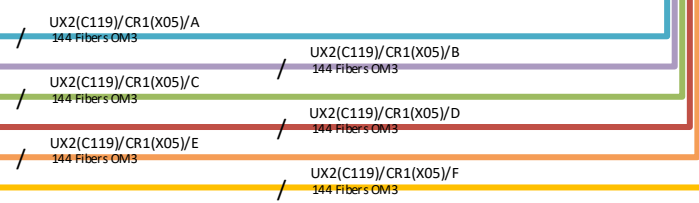
140 m

1MCHU2YC119



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

MCH-I



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**

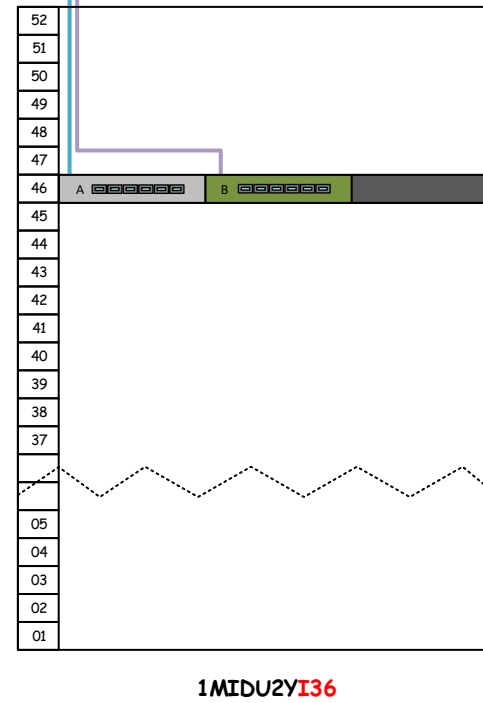
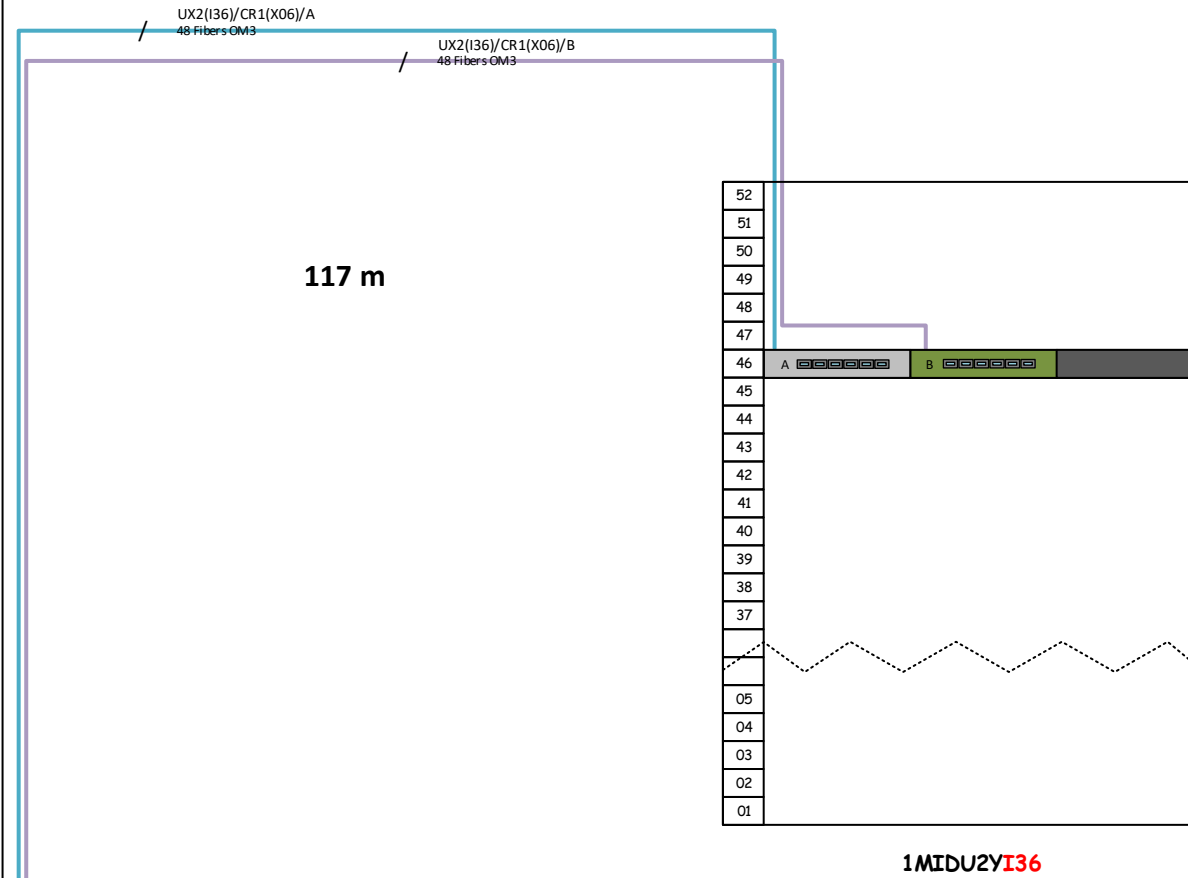
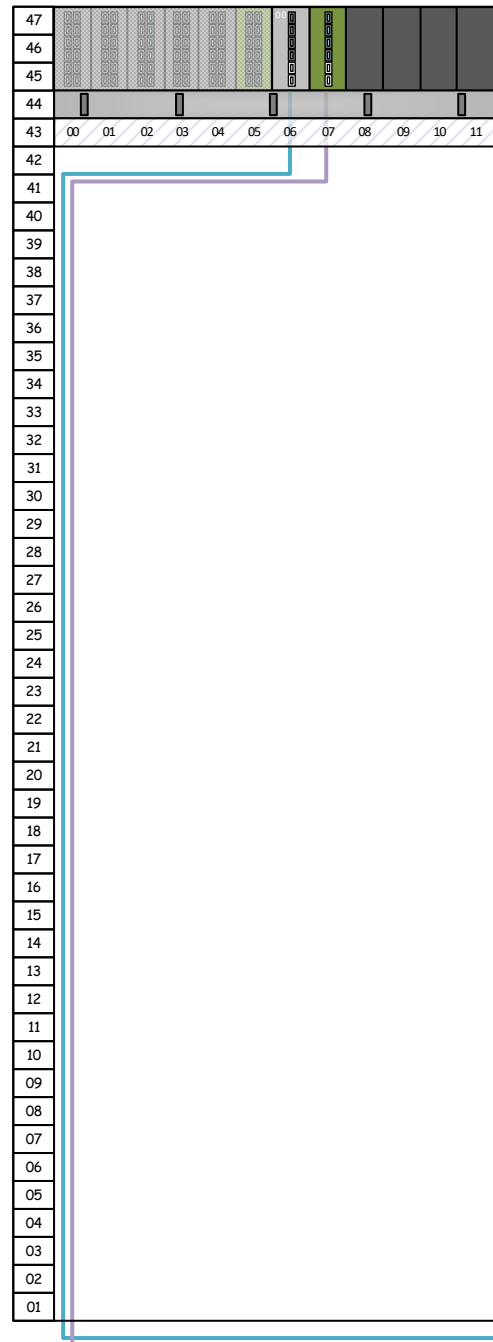
Fiber cables:
6 trunk cables OM3 MPO-MPO (144F)






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

Giuseppe Simonetti

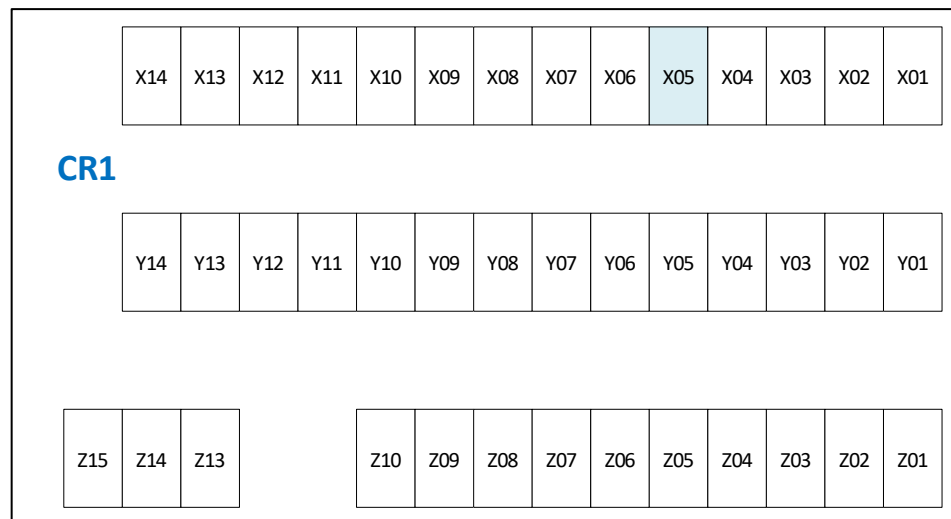
CR1
1DAQC1YX05

-  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



-  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



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







Detector: **MID I-side**

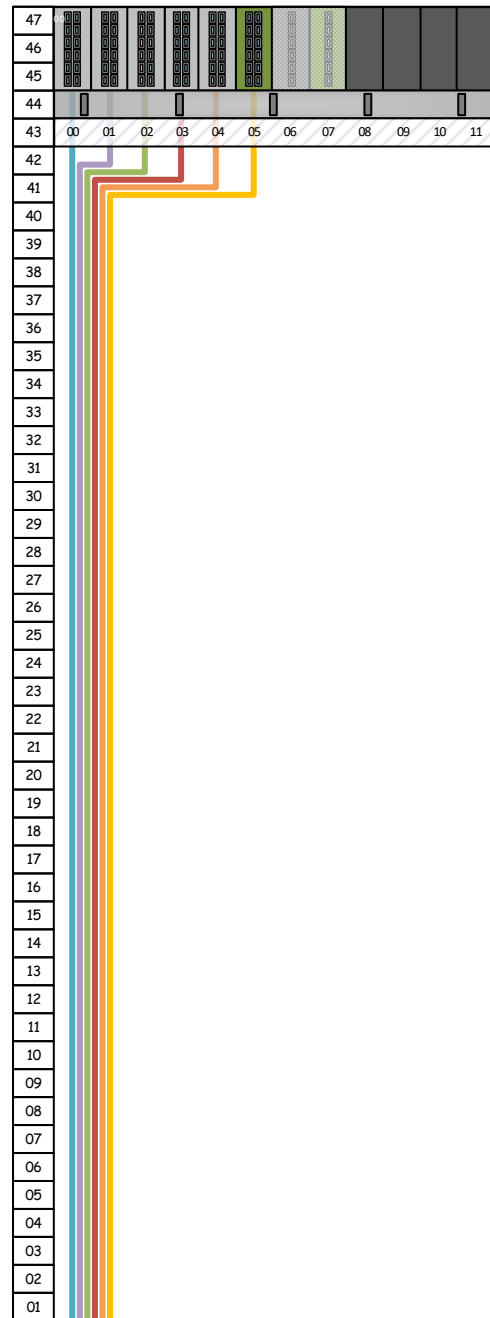
Fiber cables:
2 trunk cables OM3 MPO-MPO (48F)

Path: I-side from Level 4

Giuseppe Simonetti

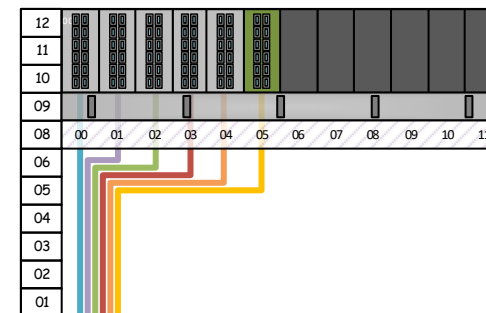
CR1
1DAQC1YX06

-  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







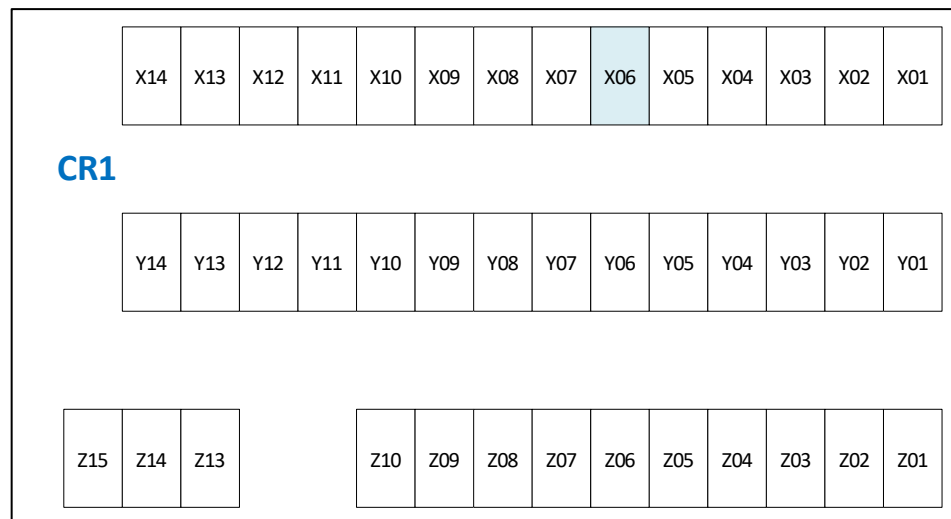
140 m

1MCHU2YC120



MCH-O

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



UX2(C120)/CR1(X06)/A: s.n. D-96565	99
UX2(C120)/CR1(X06)/B: s.n. D-96566	100
UX2(C120)/CR1(X06)/C: s.n. D-96567	101
UX2(C120)/CR1(X06)/D: s.n. D-96568	102
UX2(C120)/CR1(X06)/E: s.n. D-96569	103
UX2(C120)/CR1(X06)/F: s.n. D-96570	104

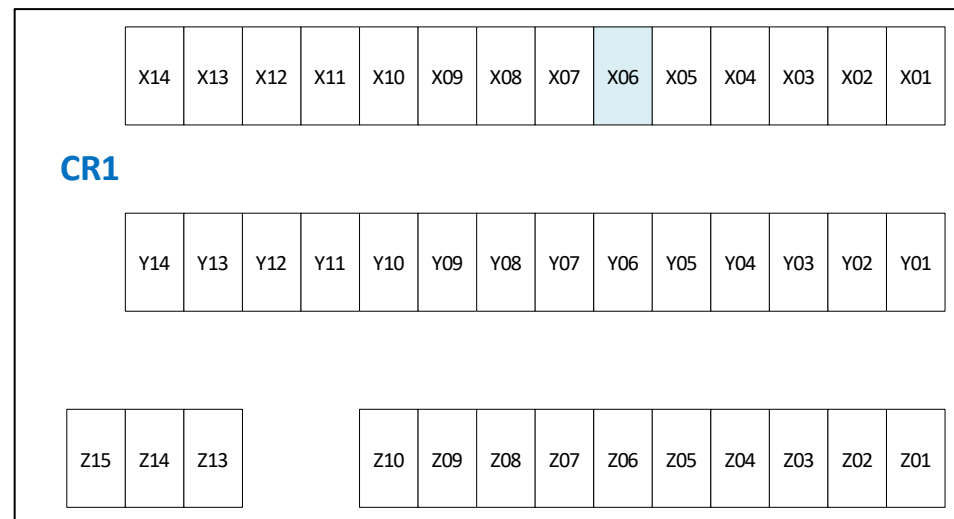
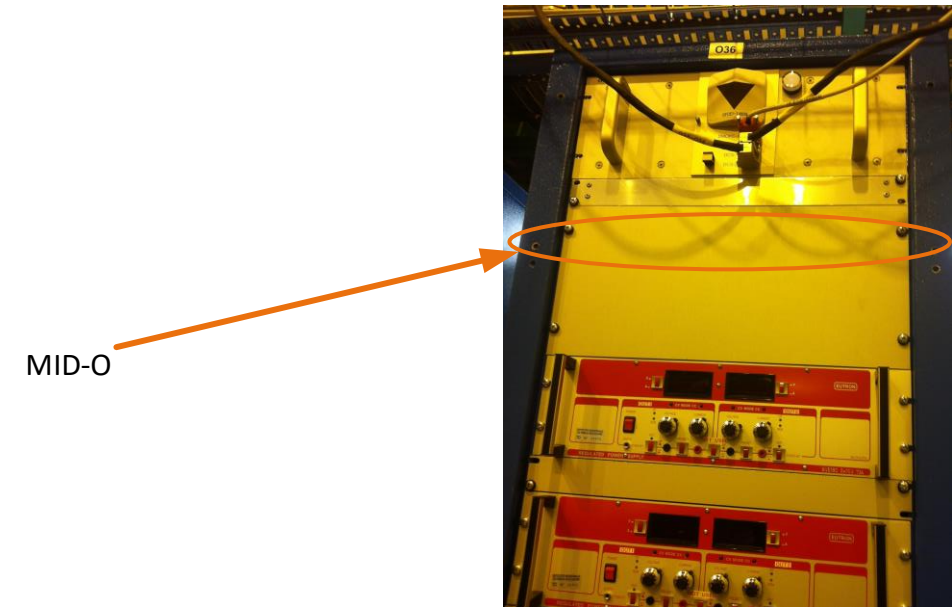
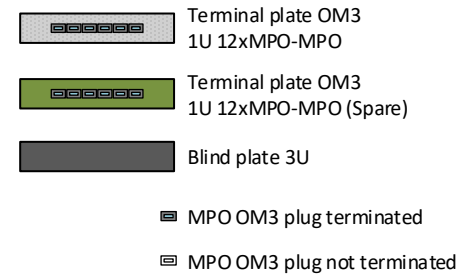
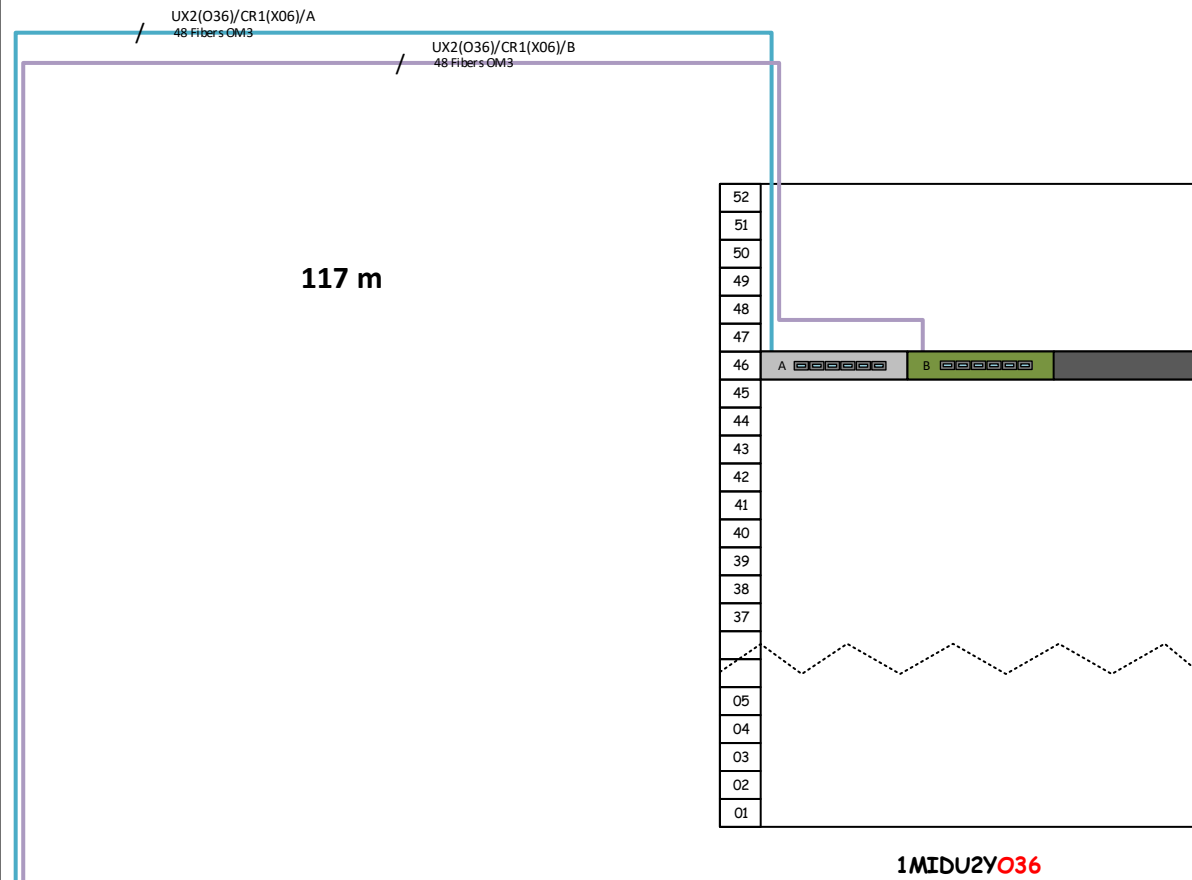
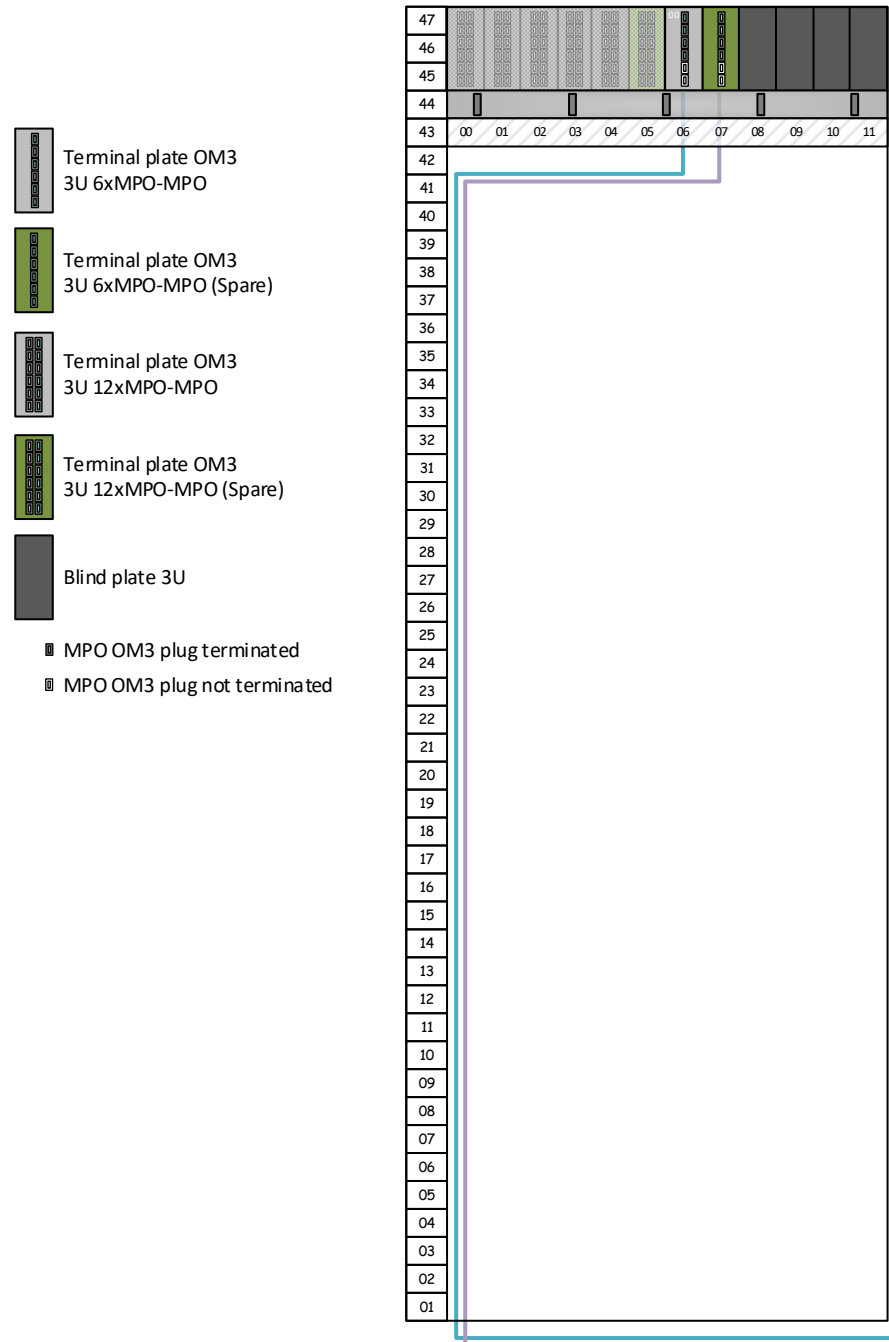
Detector: **MCH O-side**

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

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

Giuseppe Simonetti

CR1
1DAQC1YX06



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









Detector: **MID O-side**

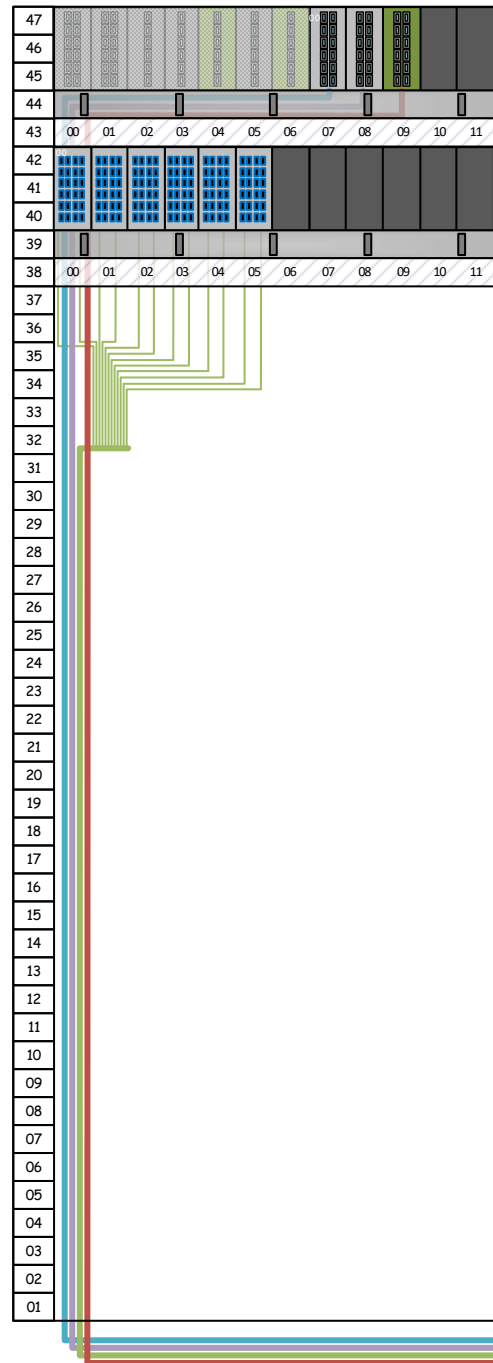
Fiber cables:
2 trunk cables OM3 MPO-MPO (48F)

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

UX2(C118A)/CR1(X12)/A
144 Fibers OM3

UX2(C118A)/CR1(X12)/B
144 Fibers OM3

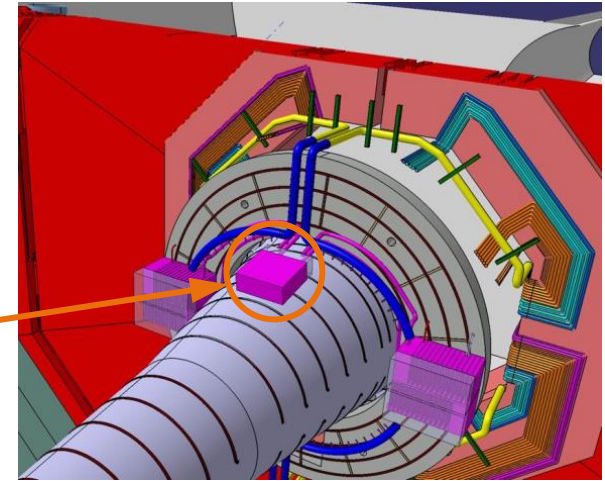
UX2(C118B)/CR1(X12)/C
144 Fibers OM3



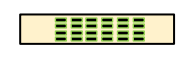



UX2(C118B)/CR1(X12)/D
144 Fibers OM3

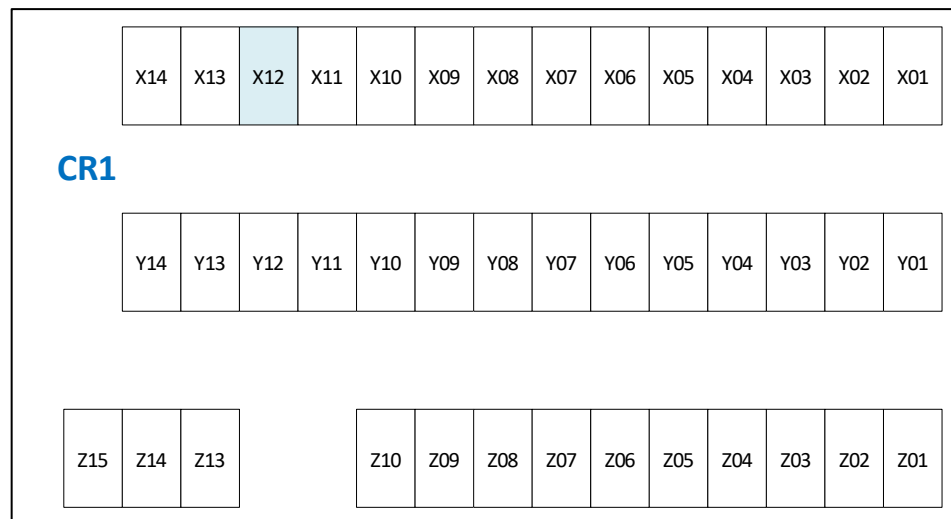
1MFTU2Y C118A/B



MFT



-  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**

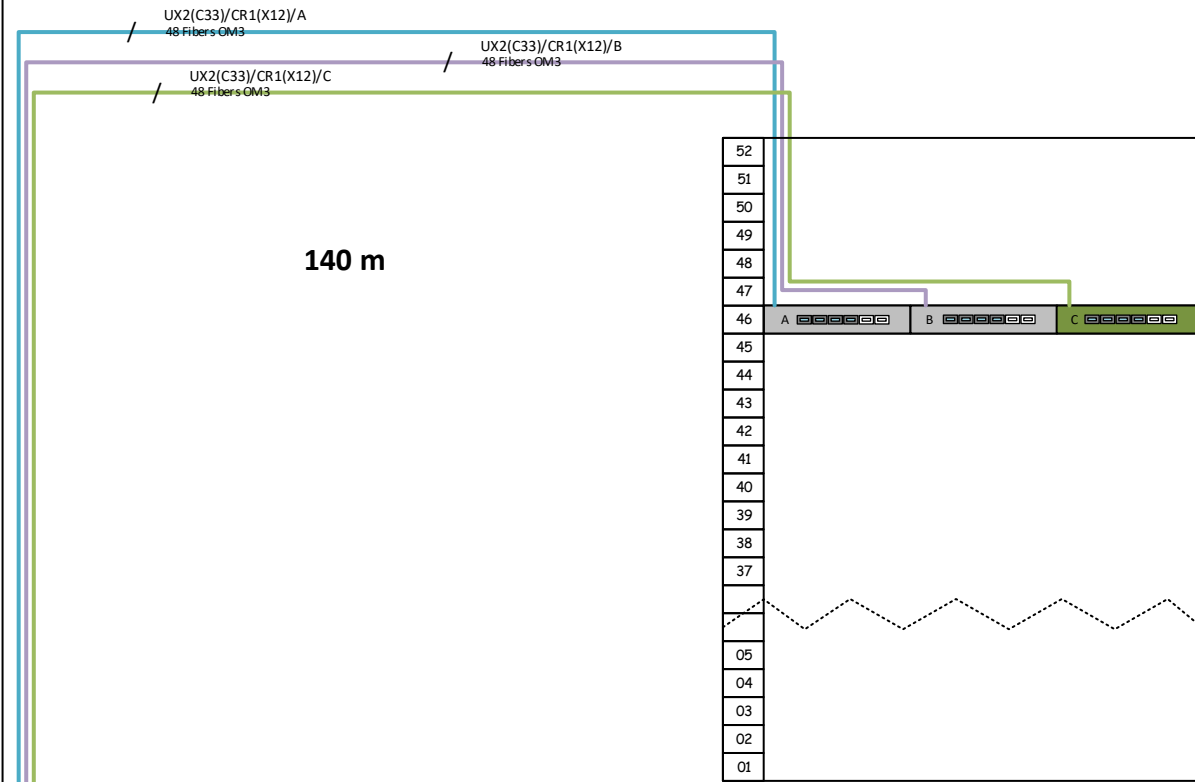
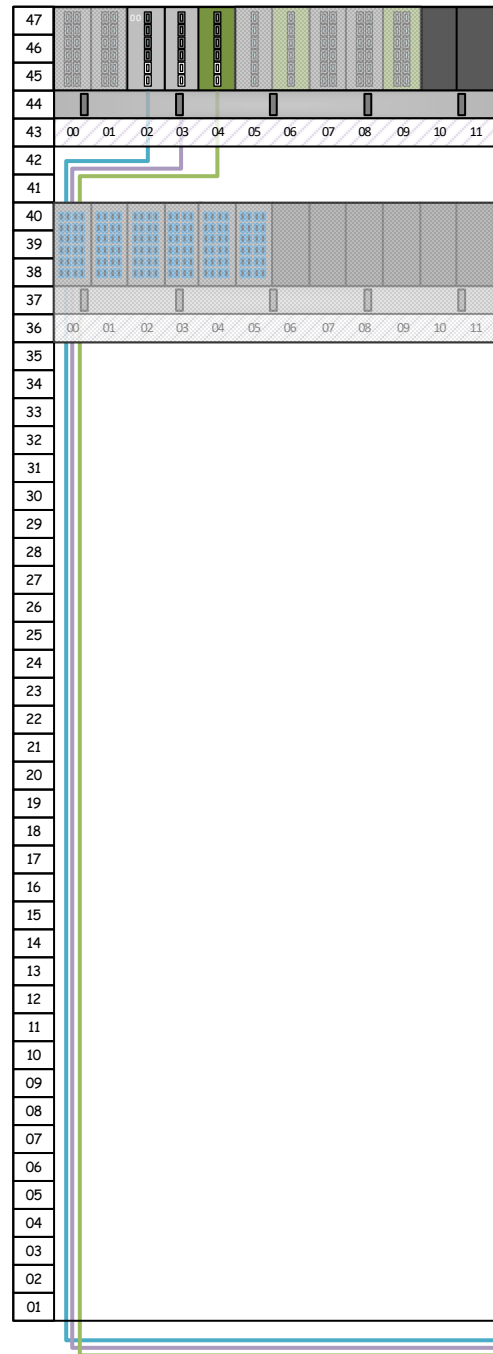
Fiber cables:
4 trunk cables OM3 MPO-MPO (144F)

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





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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

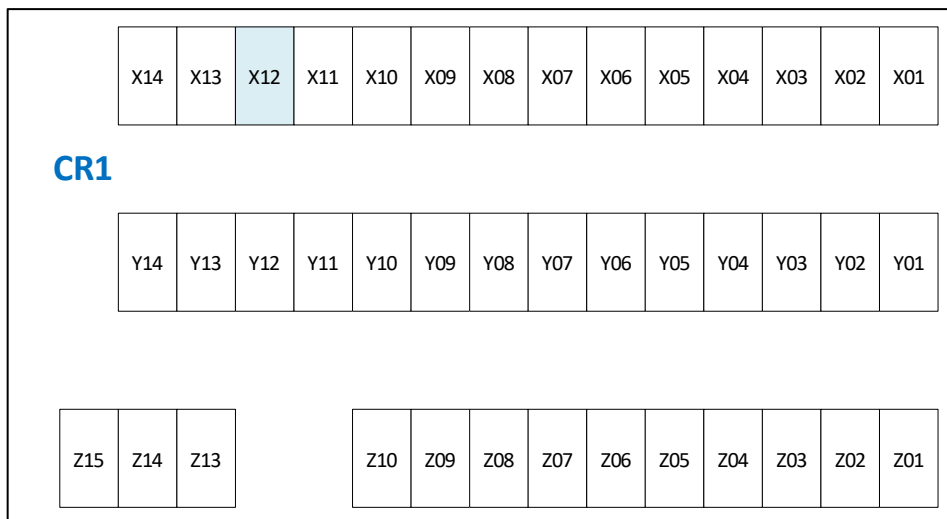


1FITU2YC35

-  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**

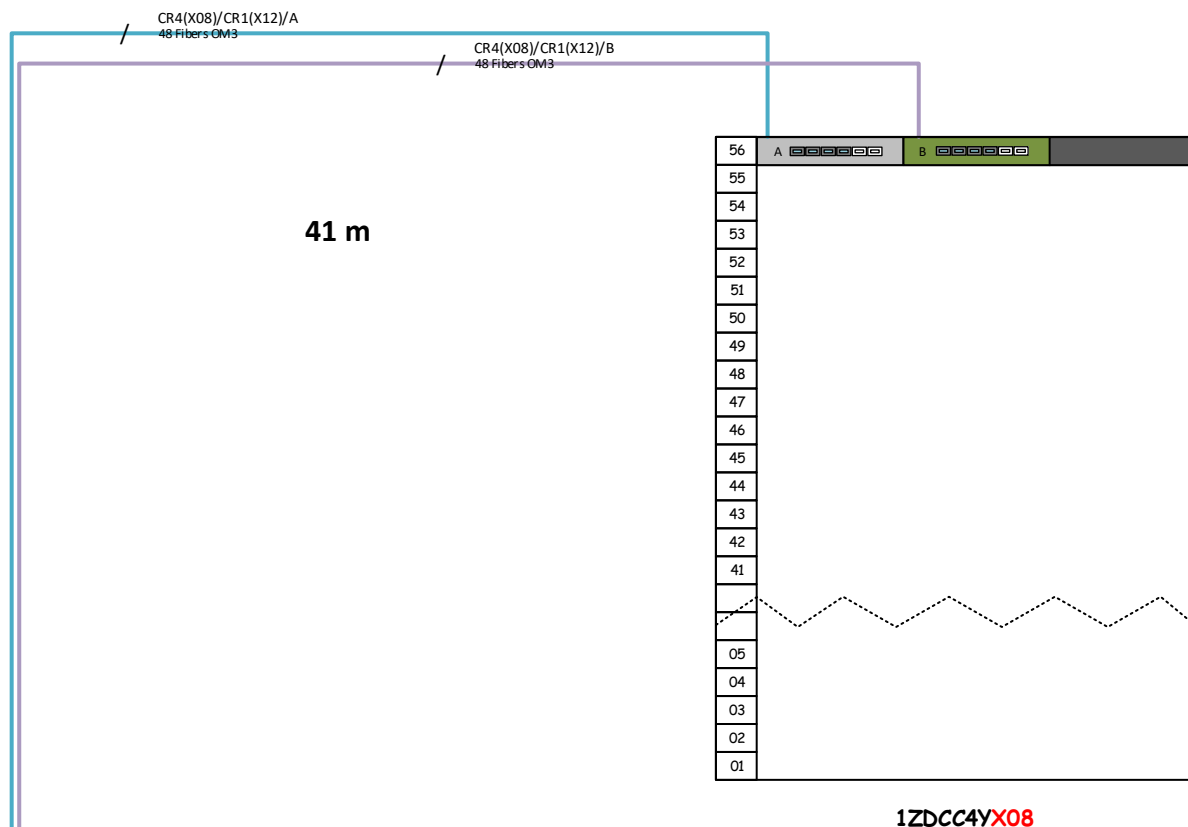
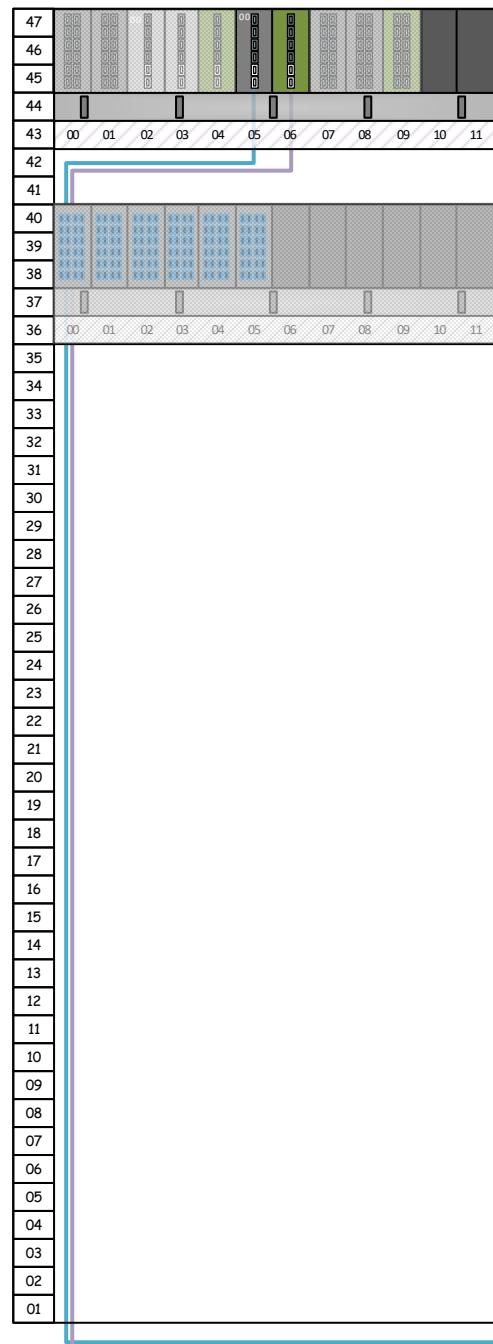
Fiber cables:
3 trunk cables OM3 MPO-MPO (48F)




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

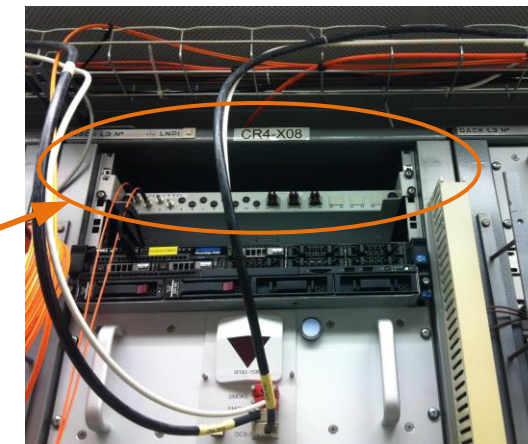
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CR1
1DAQC1YX12

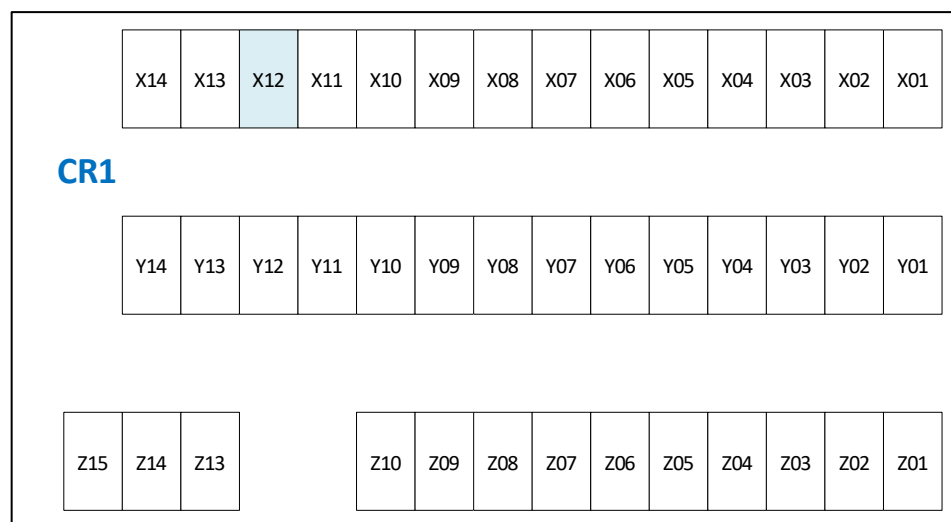
-  Terminal plate OM3
3U 6xMPO-MPO
-  Terminal plate OM3
3U 6xMPO-MPO (Spare)
-  Terminal plate OM3
3U 12xMPO-MPO
-  Terminal plate OM3
3U 12xMPO-MPO (Spare)
-  Blind plate 3U
-  Terminal module OM3
3U 2xMPO-24xLC/PC
- MPO OM3 plug terminated
- MPO OM3 plug not terminated
- LC/PC plug terminated



-  Terminal 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

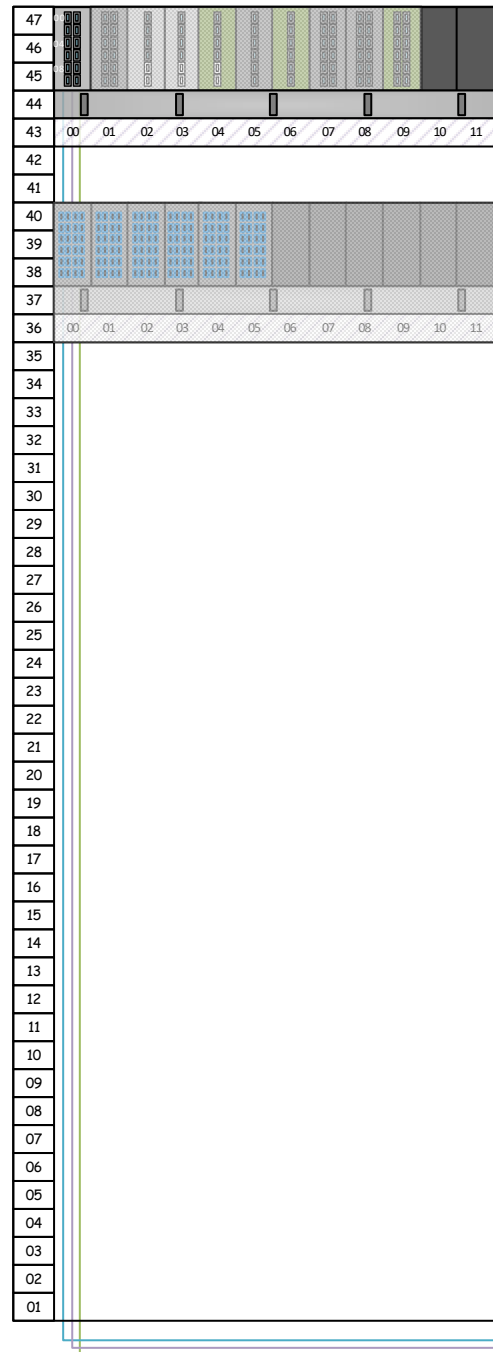
Detector: **ZDC**

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

Path: O-side from CR4

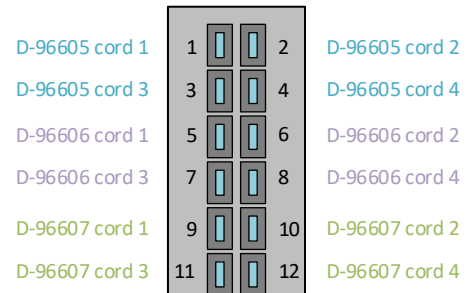
Giuseppe Simonetti

CR1
1DAQC1YX12

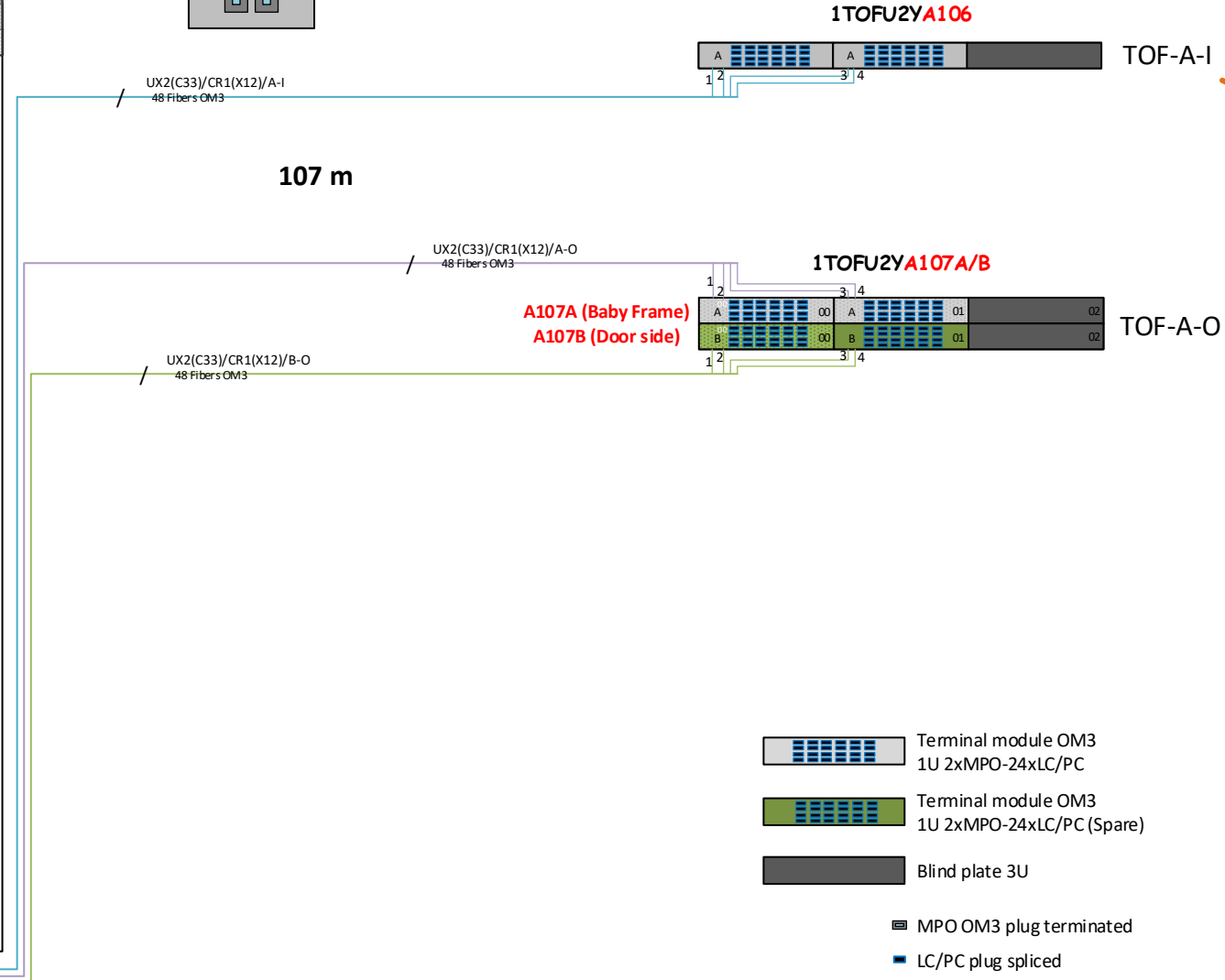


- Terminal plate OM3
3U 6xMPO-MPO
- Terminal plate OM3
3U 6xMPO-MPO (Spare)
- Terminal plate OM3
3U 12xMPO-MPO
- Terminal plate OM3
3U 12xMPO-MPO (Spare)
- Blind plate 3U
- Terminal module OM3
3U 2xMPO-24xLC/PC
- MPO OM3 plug terminated
- MPO OM3 plug not terminated
- LC/PC plug terminated

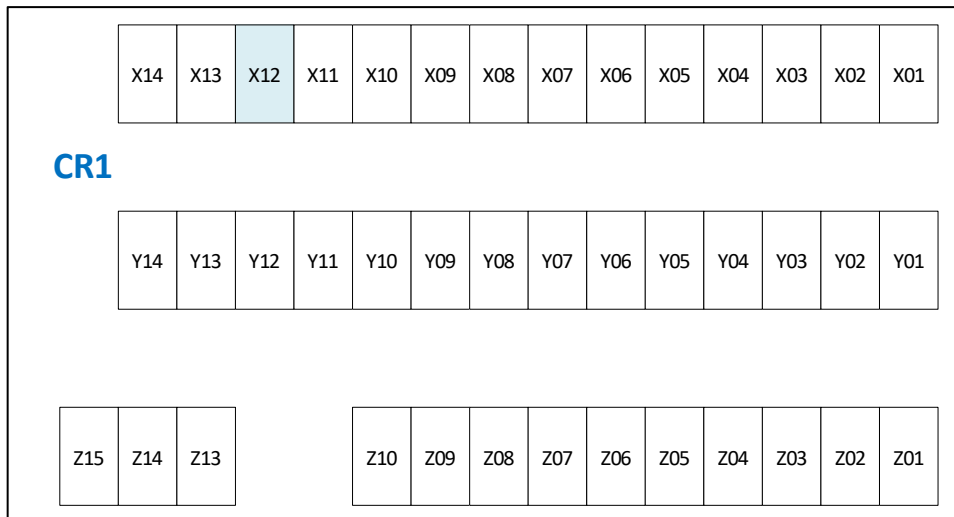
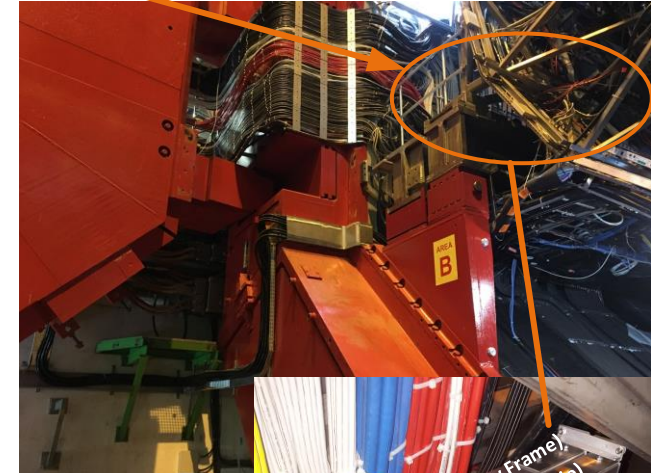
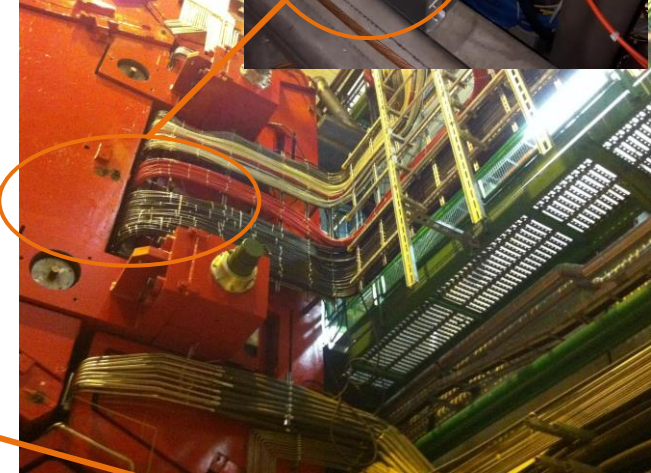
Slot 00



- D-96605 cord 1
- D-96605 cord 2
- D-96605 cord 3
- D-96605 cord 4
- D-96606 cord 1
- D-96606 cord 2
- D-96606 cord 3
- D-96606 cord 4
- D-96607 cord 1
- D-96607 cord 2
- D-96607 cord 3
- D-96607 cord 4



- 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

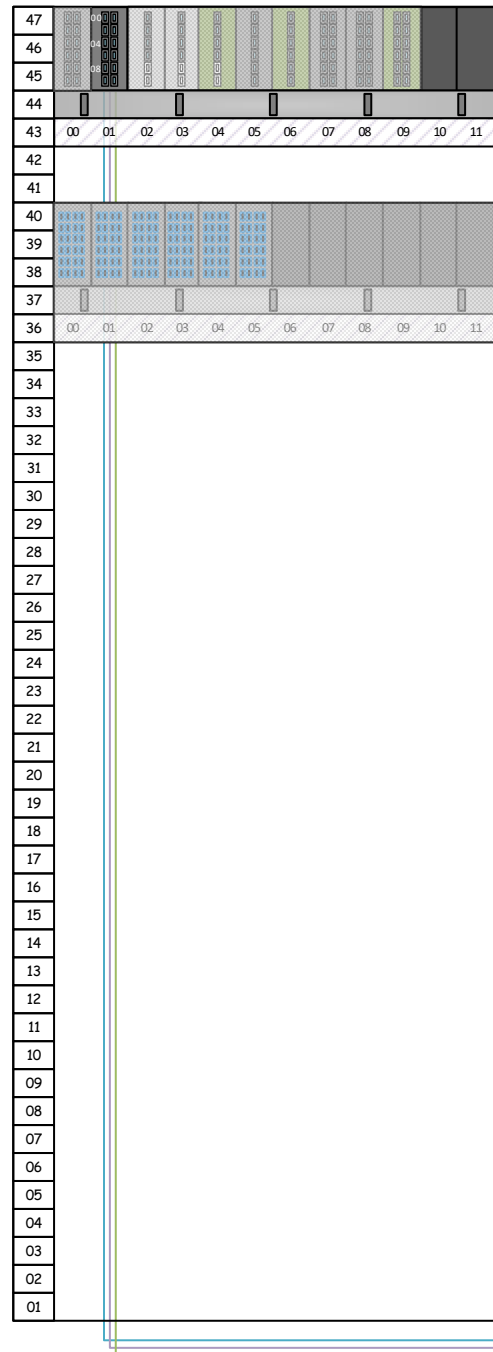
Detector: **TOF A-side**

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

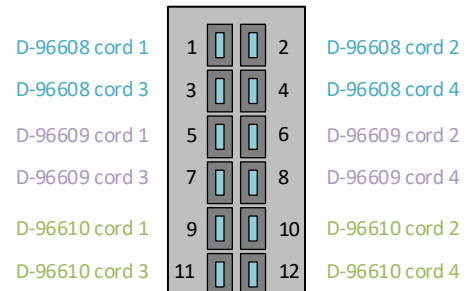
Giuseppe Simonetti

CR1
1DAQC1YX12



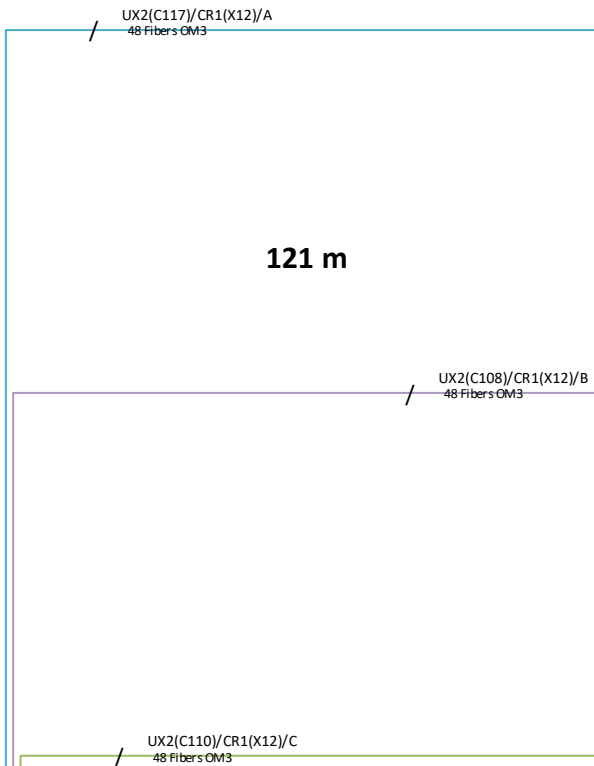
- Terminal plate OM3
3U 6xMPO-MPO
- Terminal plate OM3
3U 6xMPO-MPO (Spare)
- Terminal plate OM3
3U 12xMPO-MPO
- Terminal plate OM3
3U 12xMPO-MPO (Spare)
- Blind plate 3U
- Terminal module OM3
3U 2xMPO-24xLC/PC
- MPO OM3 plug terminated
- MPO OM3 plug not terminated
- LC/PC plug terminated

Slot 01

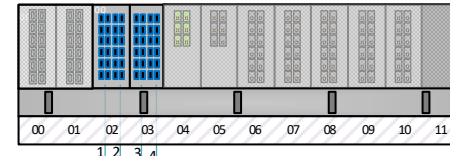


- D-96608 cord 1
- D-96608 cord 2
- D-96608 cord 3
- D-96608 cord 4
- D-96609 cord 1
- D-96609 cord 2
- D-96609 cord 3
- D-96609 cord 4
- D-96610 cord 1
- D-96610 cord 2
- D-96610 cord 3
- D-96610 cord 4

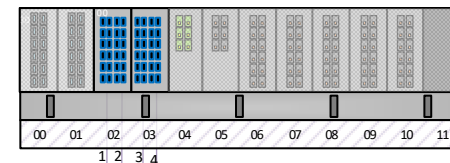
121 m



1TOFU2Y**C117**



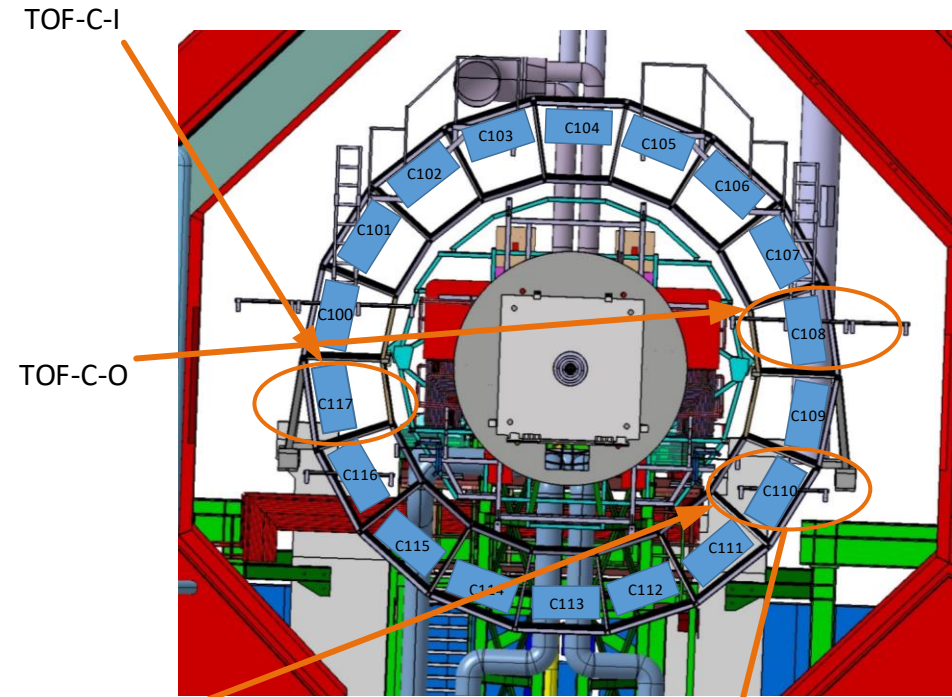
1TOFU2Y**C108**



1TOFU2Y**C110**



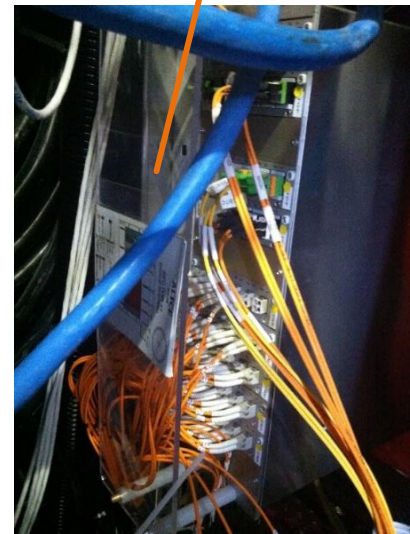
- Terminal plate OM3
3U 12xMPO-MPO
- Blind plate 3U
- Terminal module OM3
3U 2xMPO-24xLC/PC
- Terminal module OM3
3U 2xMPO-24xLC/PC (Spare)
- 6xE2000/APC SM (spliced)
- 6xE2000 OM2 (spliced)
- 12xE2000 OM2 (spliced)
- E2000 OM2 plug spliced
- E2000/APC SM plug spliced
- MPO OM3 plug terminated
- LC/PC plug terminated



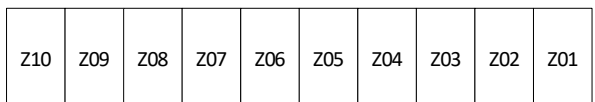
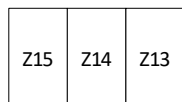
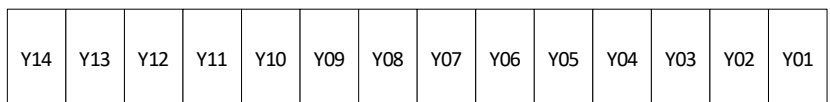
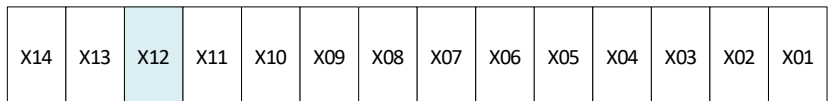
TOF-C-I

TOF-C-O

TOF-C-O



CR1



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

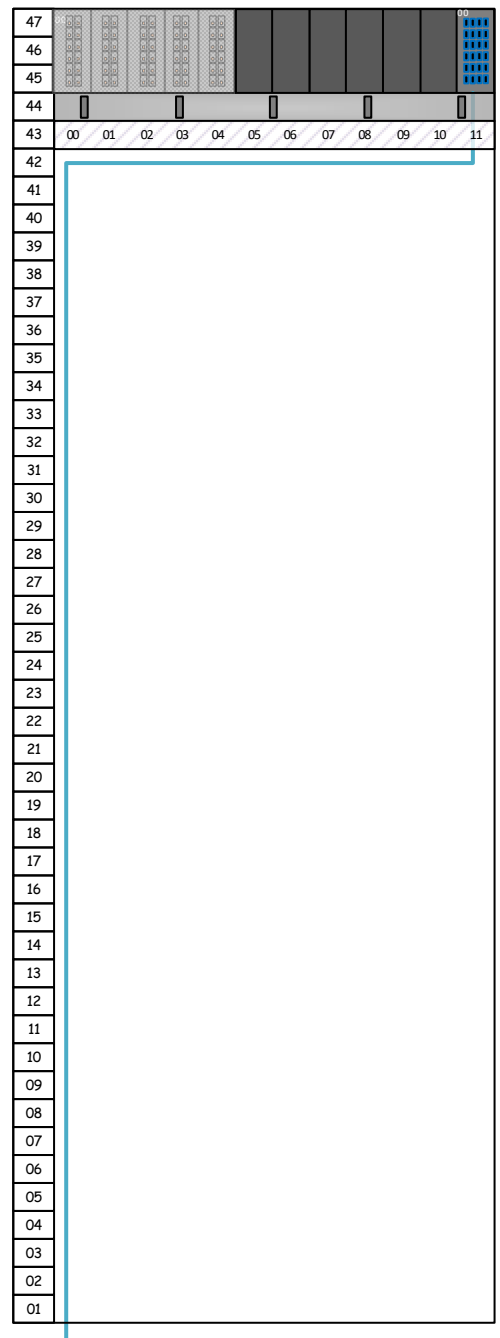
Detector: **TOF C-side**

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

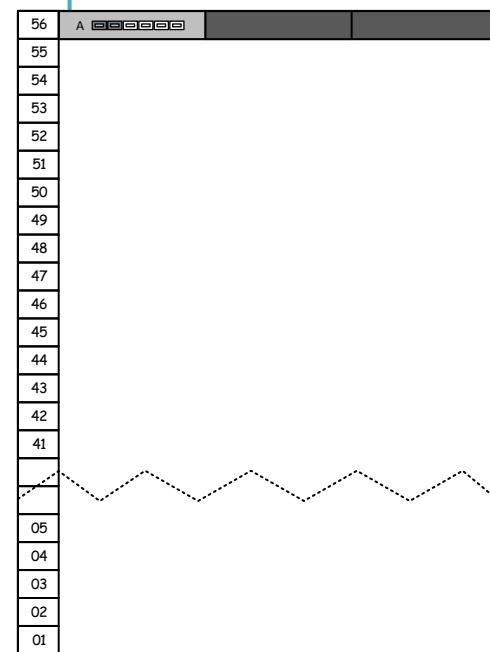
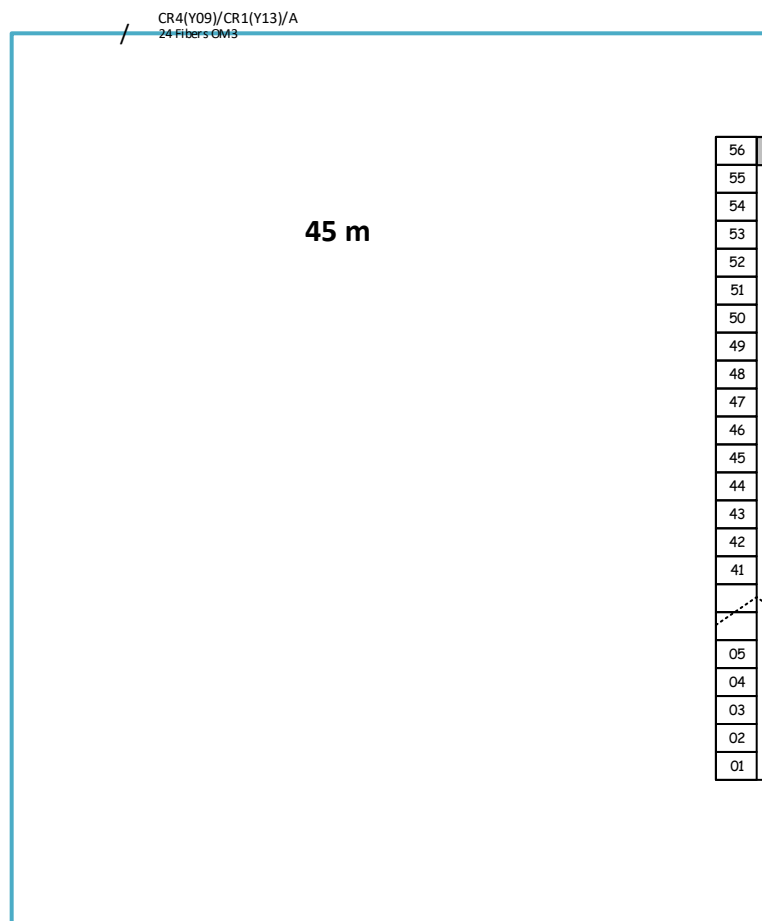
Path: O-side from Back-Frame (C-side/FASS)

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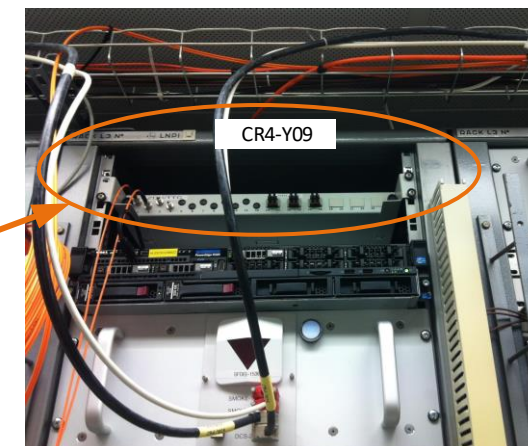
CR1
1DAQC1Y13



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

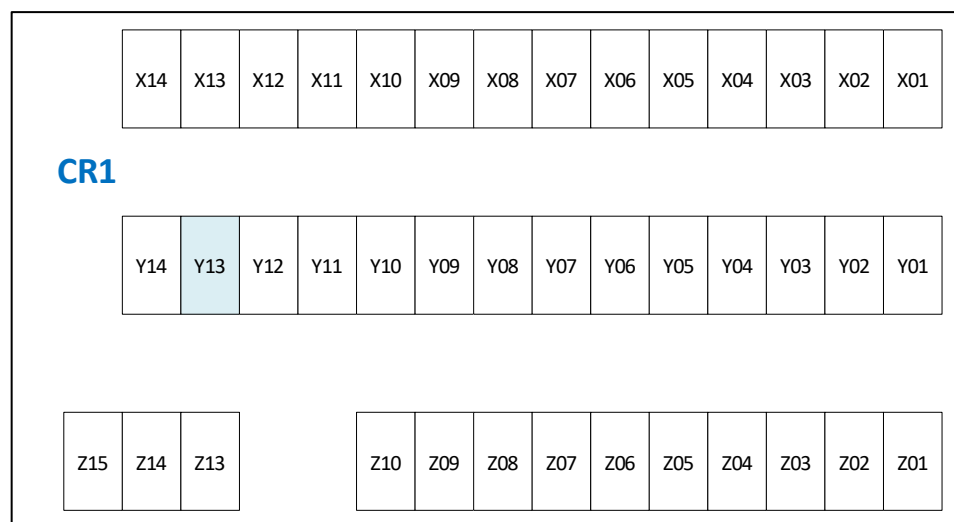


TPC
Calib



1TPCC4YY09

- Terminal plate OM3
1U 6xMPO-MPO
- Blind plate 3U
- MPO OM3 plug terminated
- MPO OM3 plug not terminated



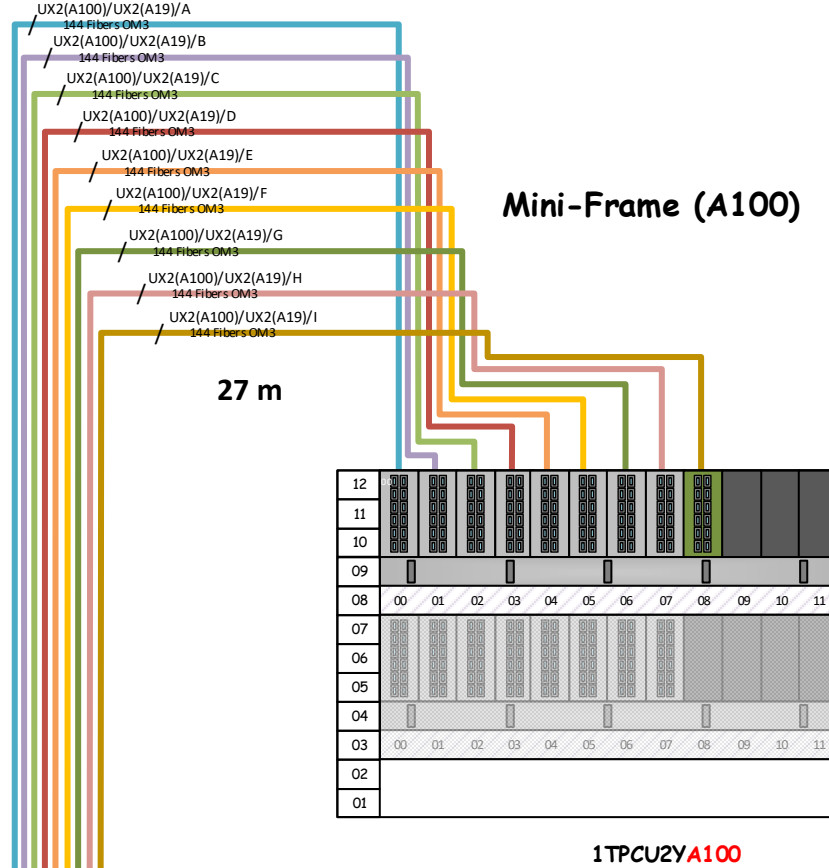
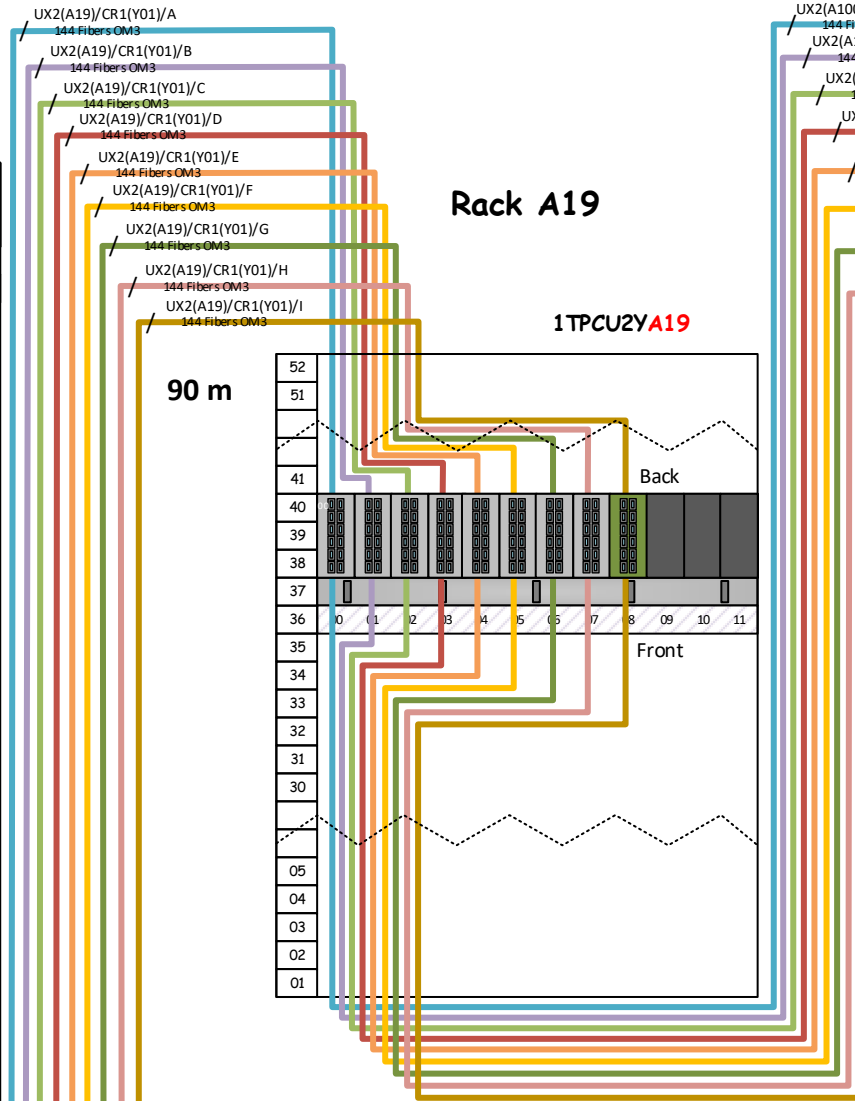
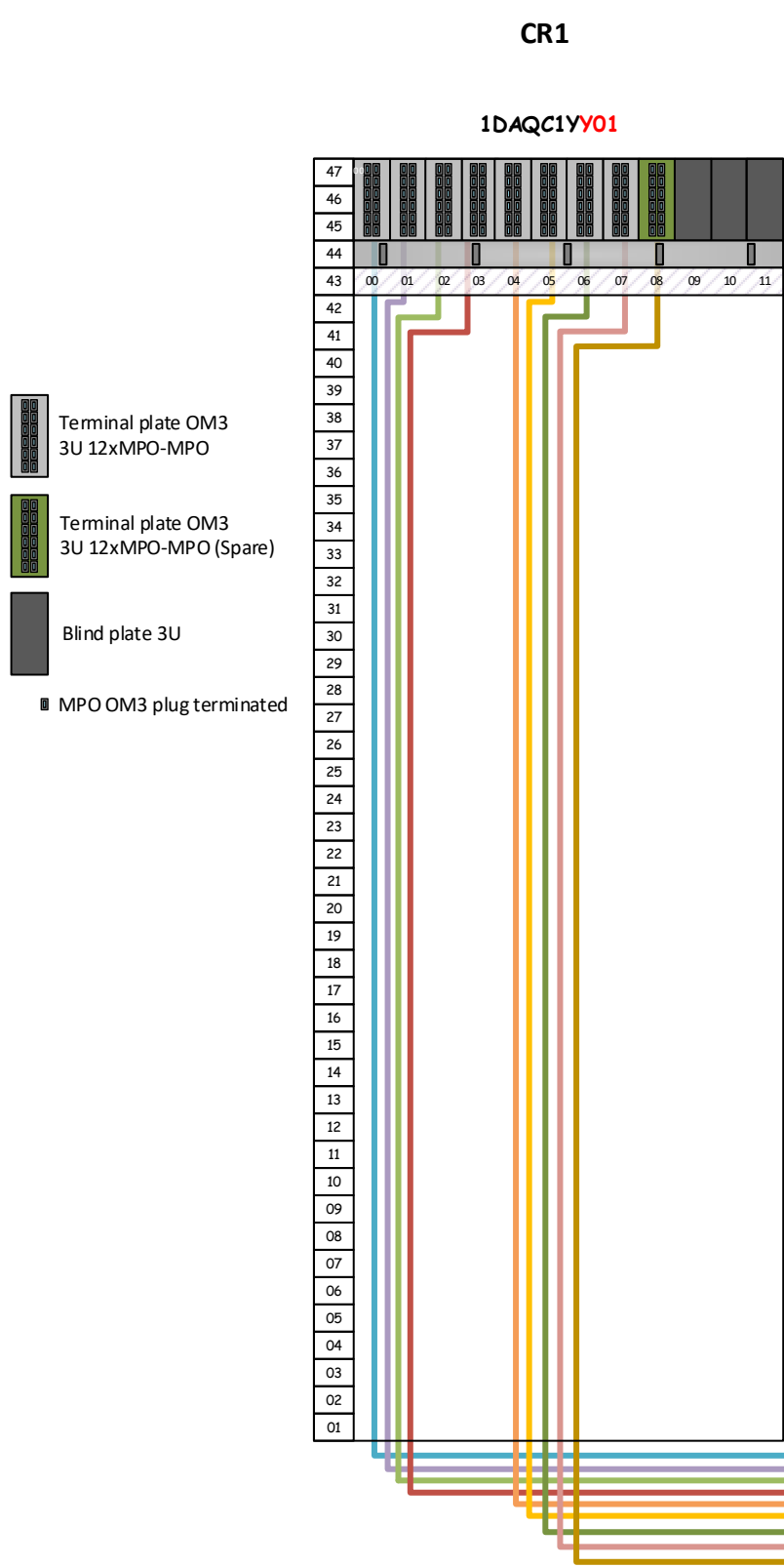
CR4(Y09)/CR1(Y13)/A: s.n. —

Detector: **TPC Calibration**

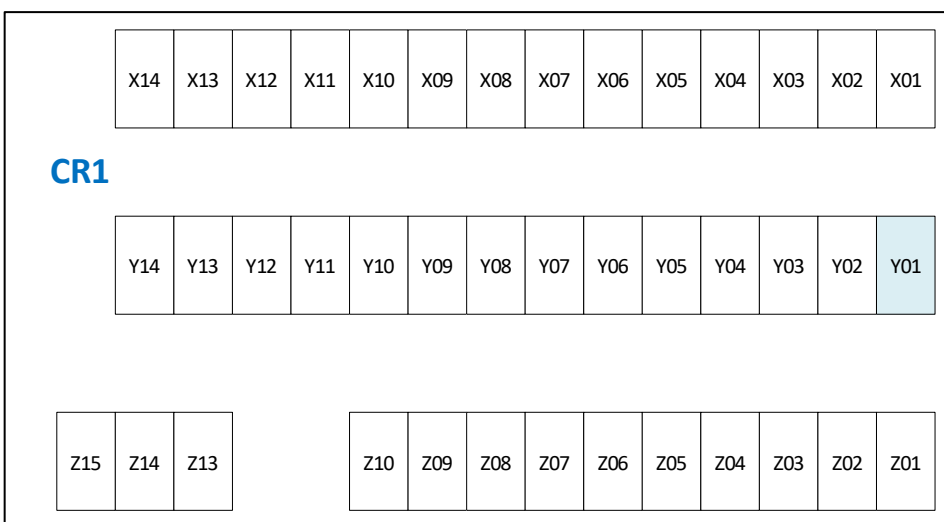
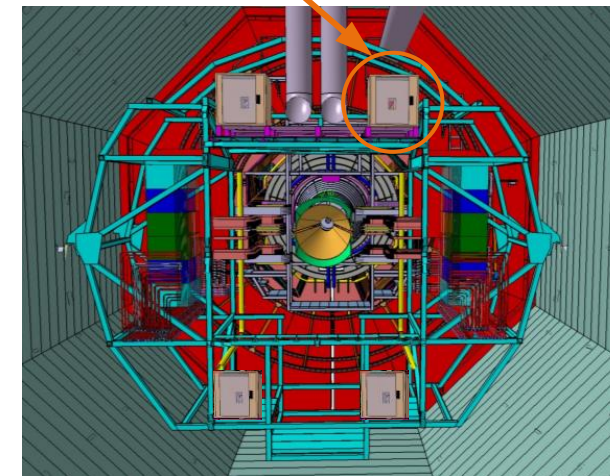
Fiber cables:
1 trunk cable OM3 MPO-MPO (24F)

Path: O-side from CR4

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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	17
UX2(A19)/CR1(Y01)/B: s.n. D-96477	18
UX2(A19)/CR1(Y01)/C: s.n. D-96499	19
UX2(A19)/CR1(Y01)/D: s.n. D-96501	20
UX2(A19)/CR1(Y01)/E: s.n. D-96474	21
UX2(A19)/CR1(Y01)/F: s.n. D-96475	22
UX2(A19)/CR1(Y01)/G: s.n. D-96480	23
UX2(A19)/CR1(Y01)/H: s.n. D-96503	24
UX2(A19)/CR1(Y01)/I: s.n. D-96469	25

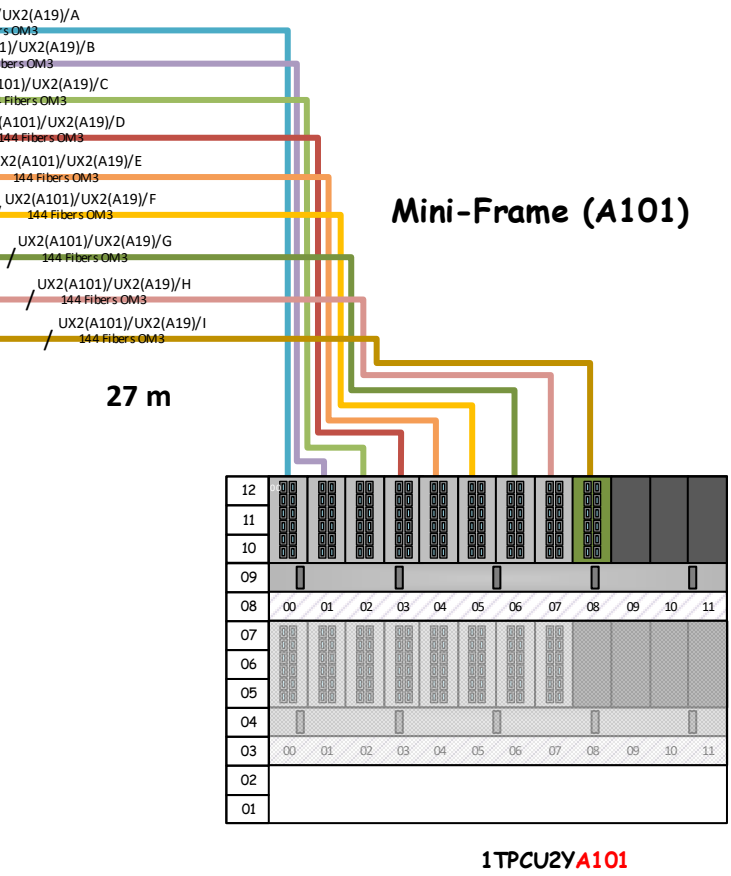
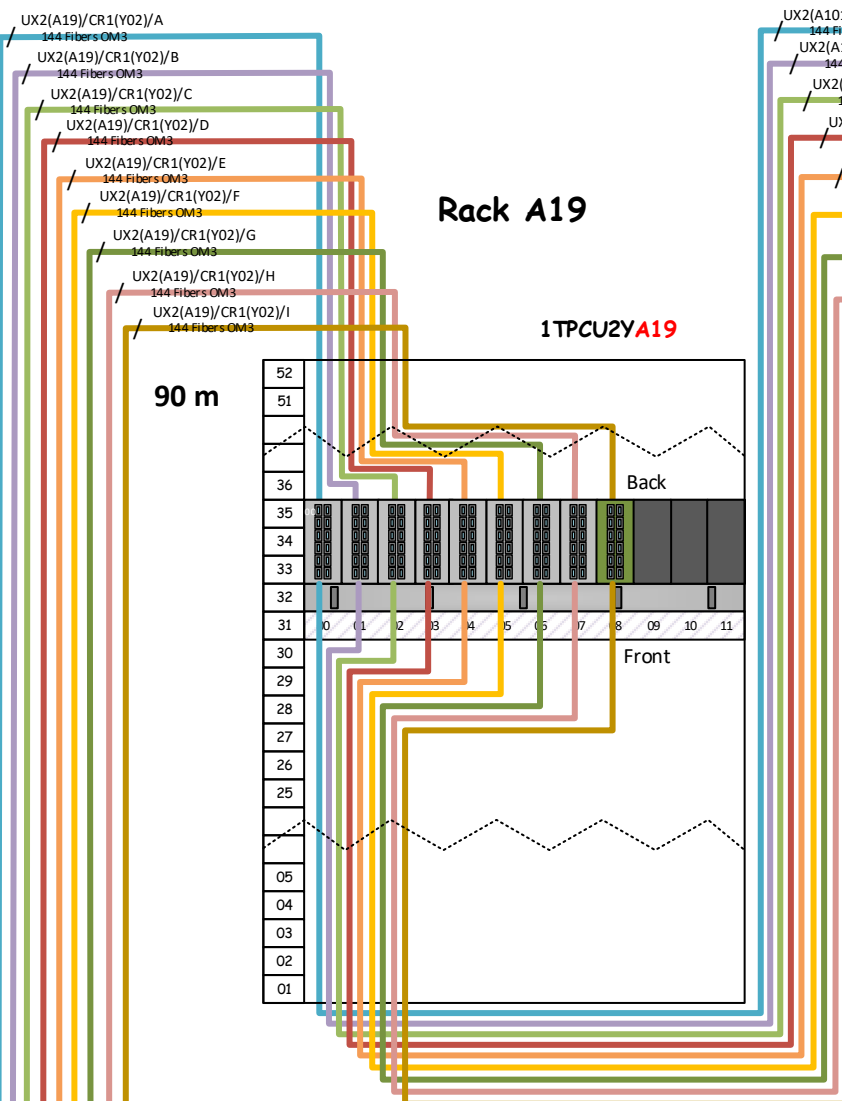
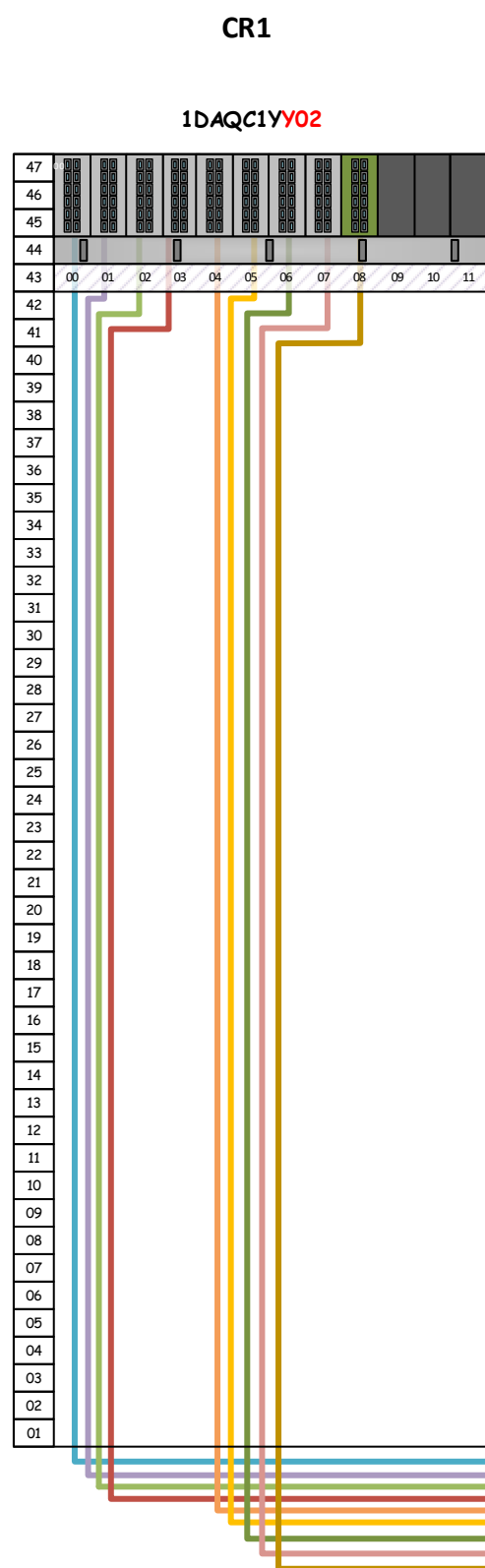
Detector: **TPC A-side (sec. 01, 02, 03)**





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

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

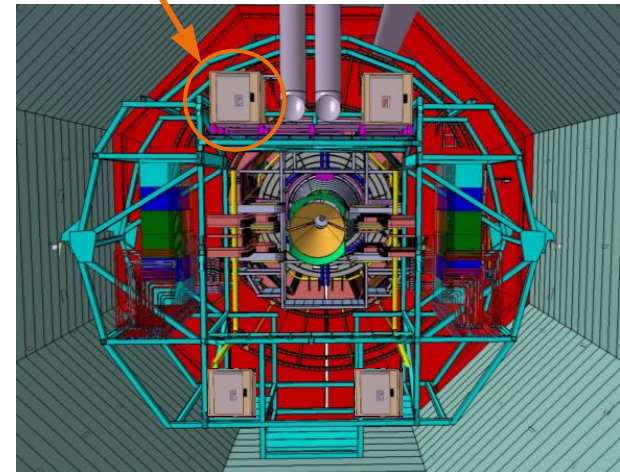
Giuseppe Simonetti

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



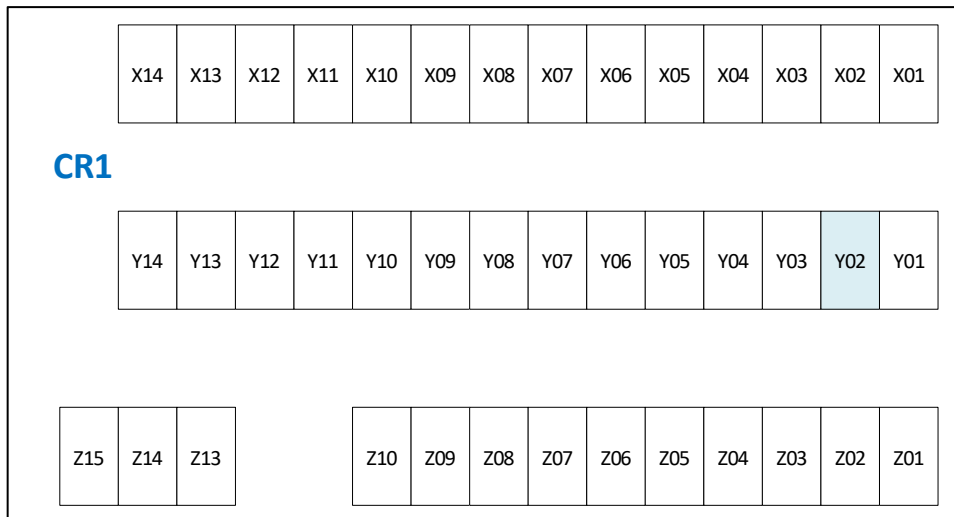
-  Terminal plate OM3
3U 12xMPO-MPO
-  Terminal plate OM3
3U 12xMPO-MPO (Spare)
-  Blind plate 3U
-  MPO OM3 plug terminated

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







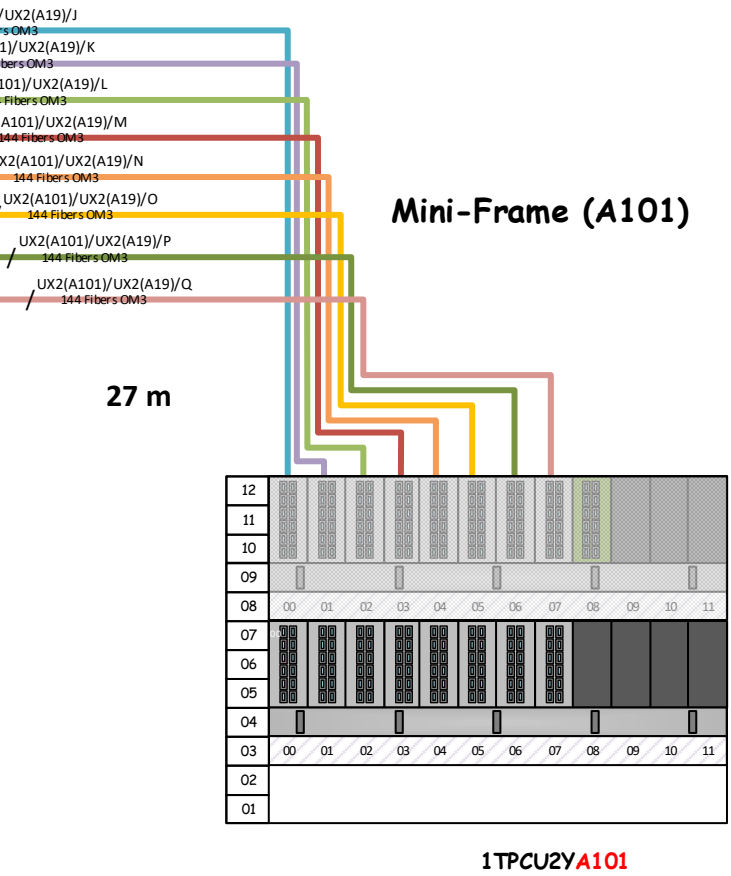
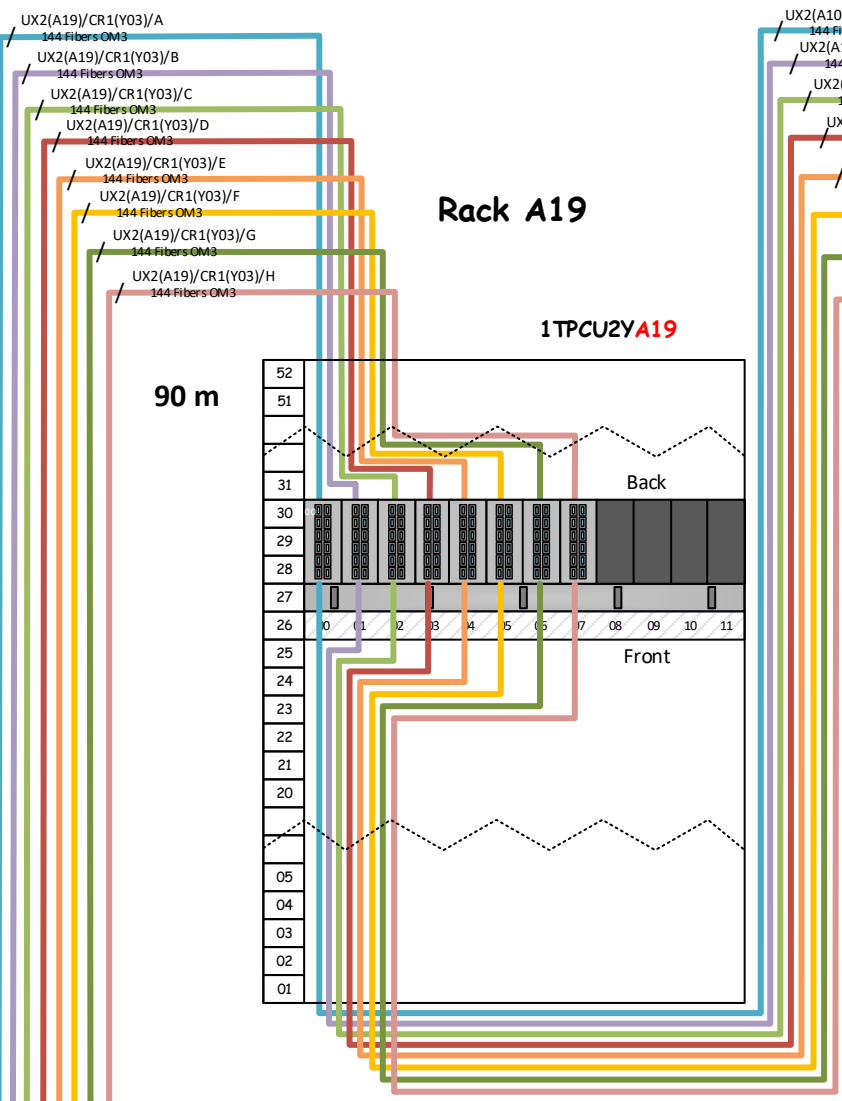
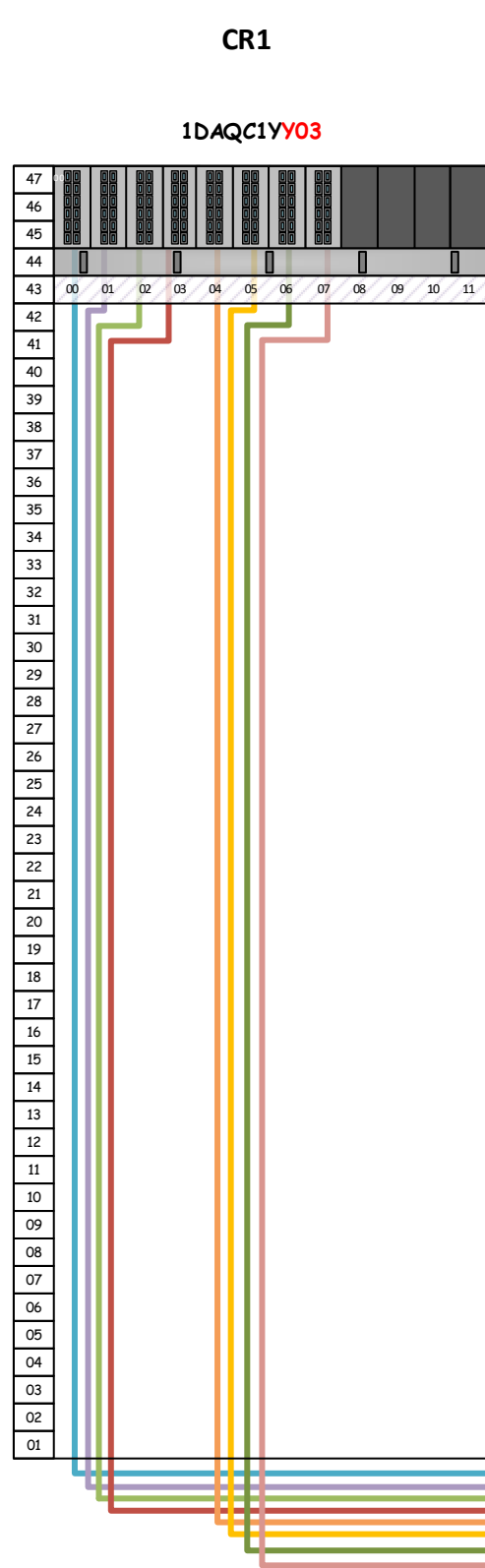
Detector: **TPC A-side (sec. 04, 05, 06)**





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

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

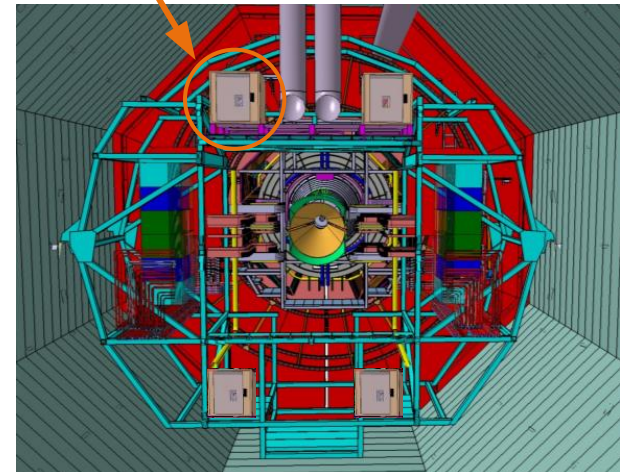
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-  Terminal plate OM3
3U 12xMPO-MPO
-  Terminal plate OM3
3U 12xMPO-MPO (Spare)
-  Blind plate 3U
-  MPO OM3 plug terminated



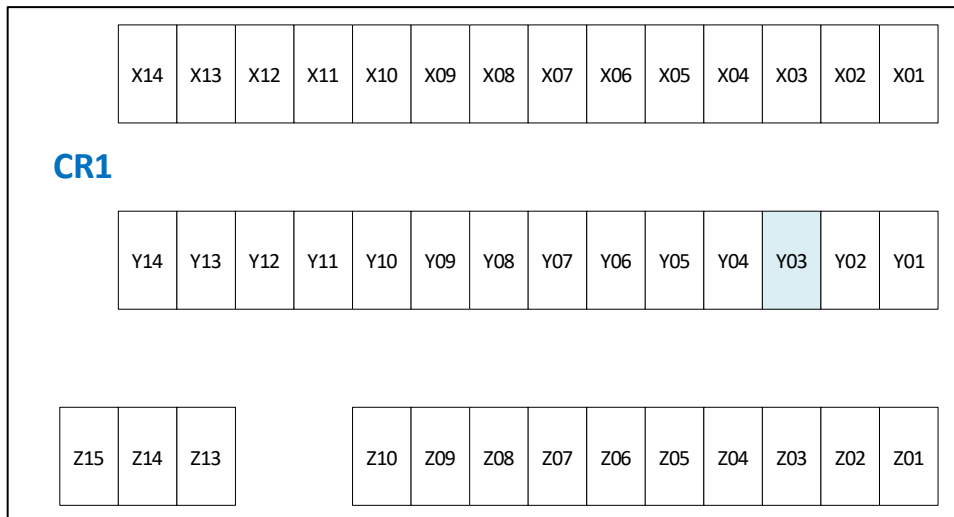
-  Terminal plate OM3
3U 12xMPO-MPO
-  Terminal plate OM3
3U 12xMPO-MPO (Spare)
-  Blind plate 3U
-  MPO OM3 plug terminated

TPC



UX2(A101)/UX2(A19)/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







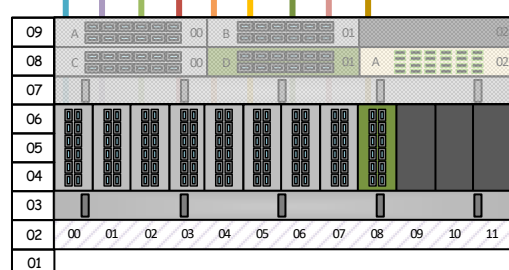
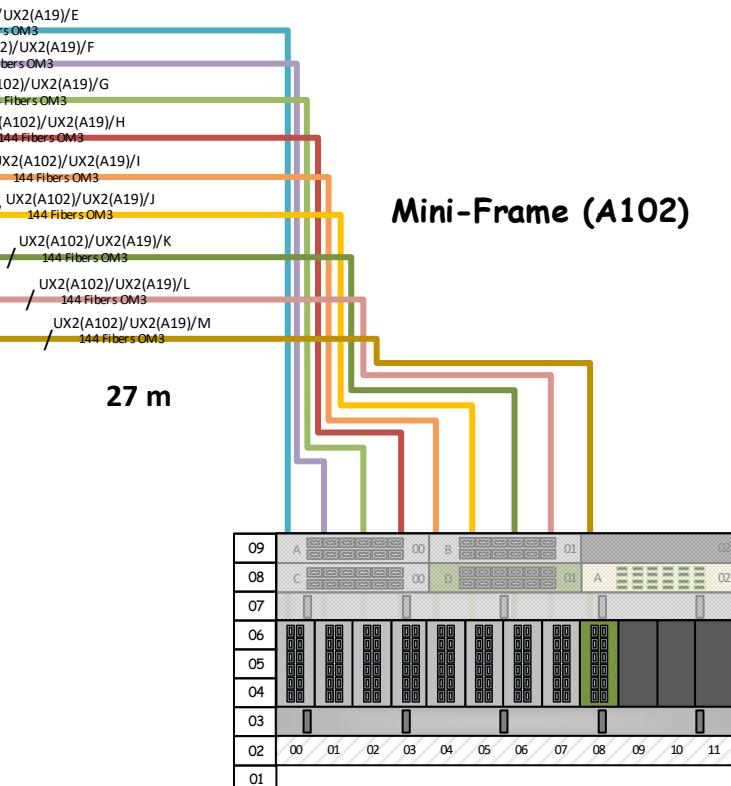
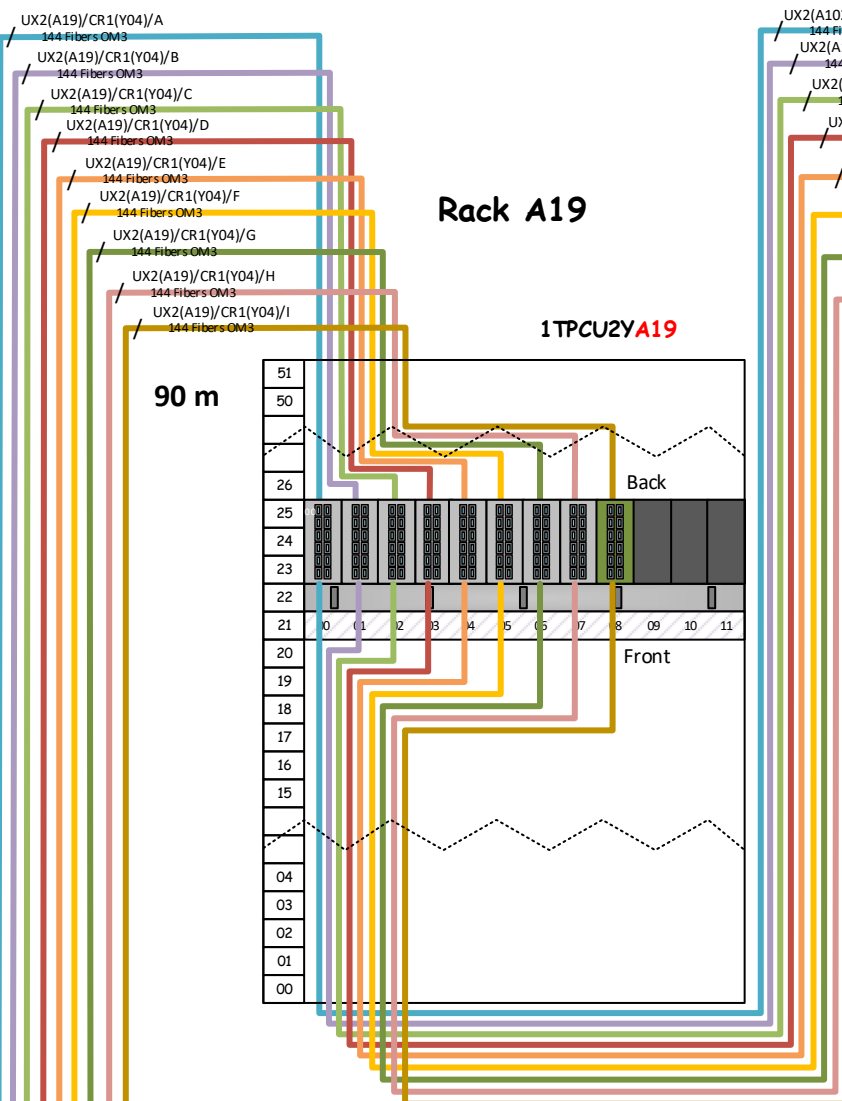
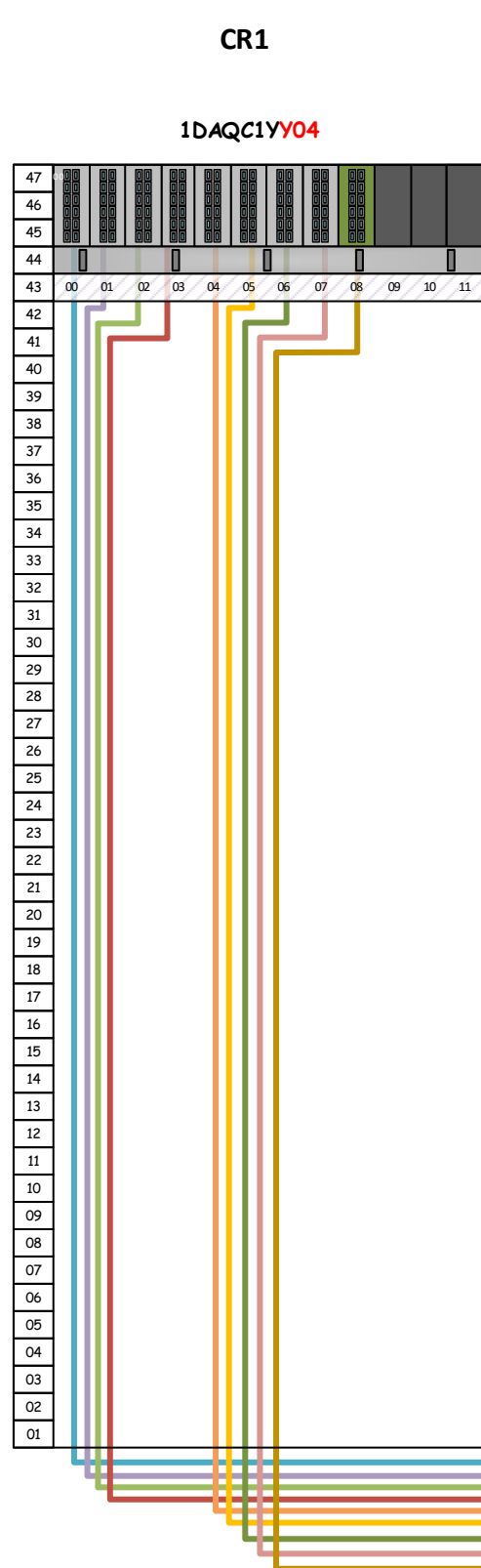
Detector: **TPC A-side (sec. 07, 08, 09)**

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

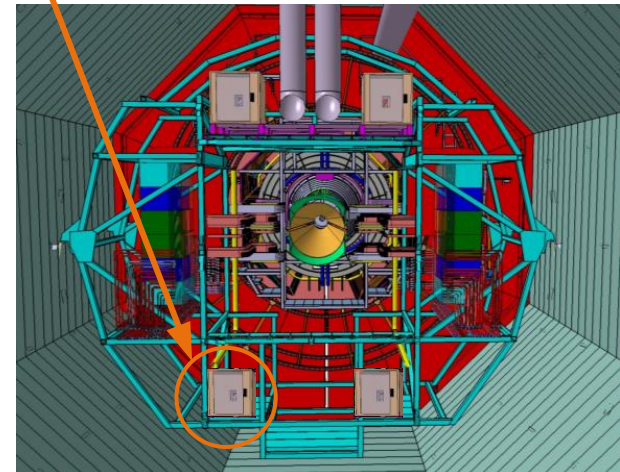
Path: I-side from Mini-Frame through rack A19 (A-side)

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

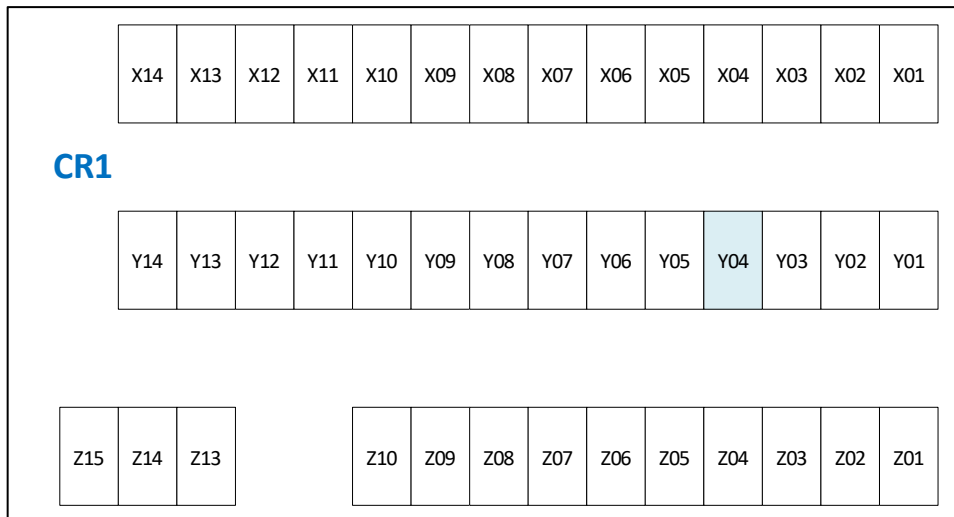






TPC



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	43
UX2(A19)/CR1(Y04)/B: s.n. D-96493	44
UX2(A19)/CR1(Y04)/C: s.n. D-96496	45
UX2(A19)/CR1(Y04)/D: s.n. D-96455	46
UX2(A19)/CR1(Y04)/E: s.n. D-96486	47
UX2(A19)/CR1(Y04)/F: s.n. D-96467	48
UX2(A19)/CR1(Y04)/G: s.n. D-96502	49
UX2(A19)/CR1(Y04)/H: s.n. D-96504	50
UX2(A19)/CR1(Y04)/I: s.n. D-96478	51







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

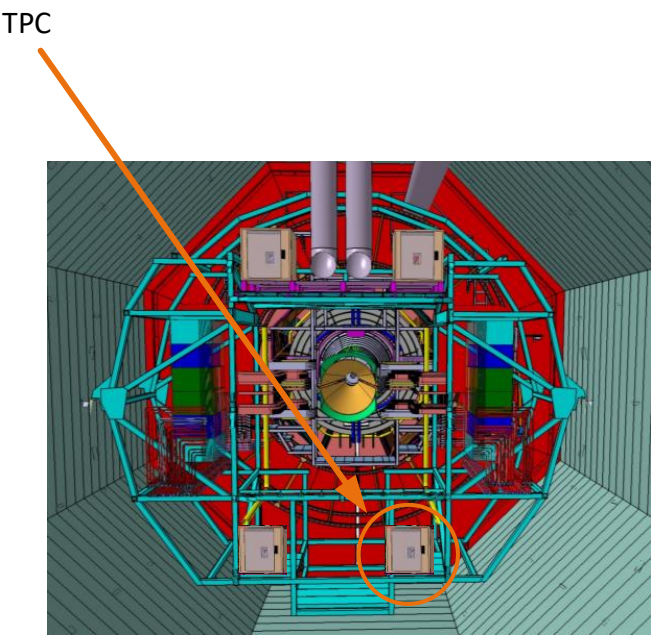
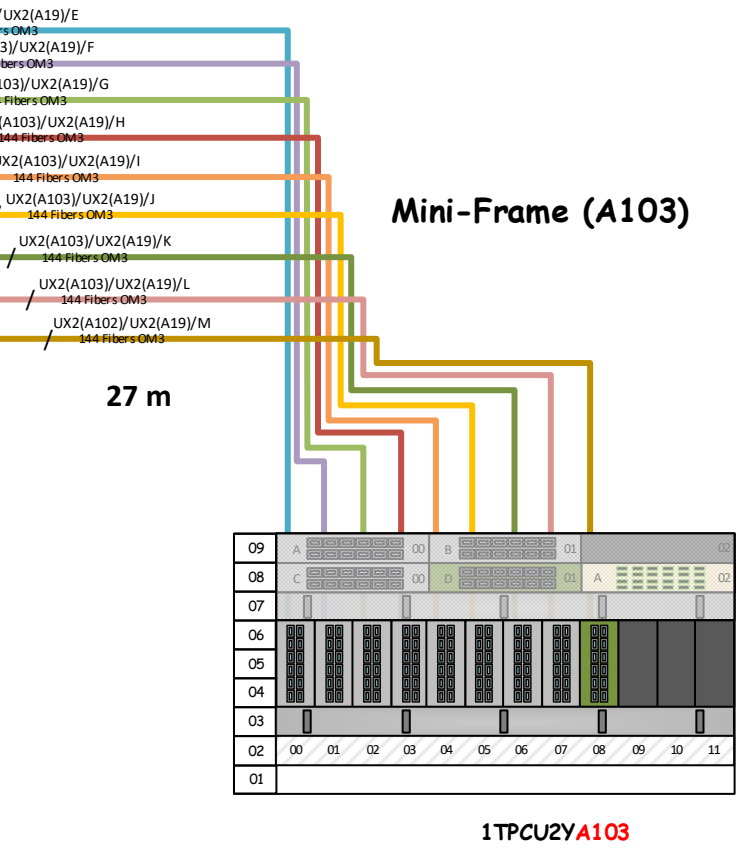
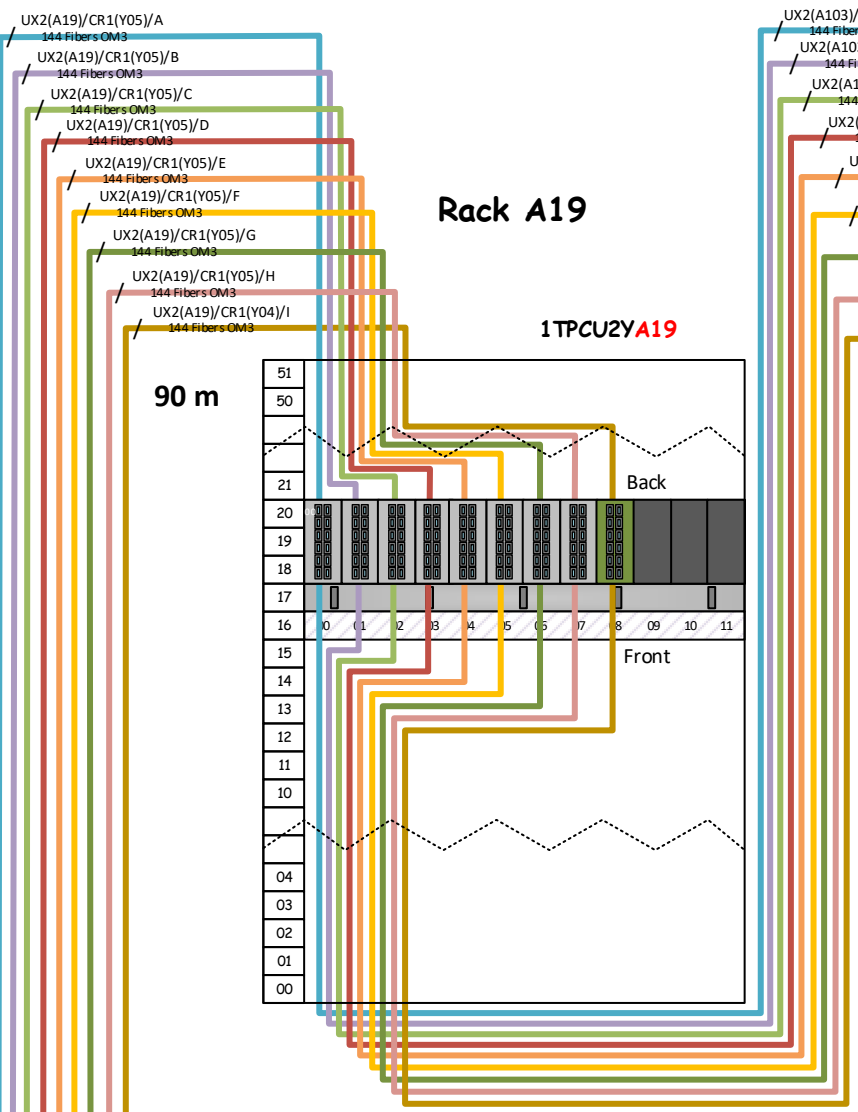
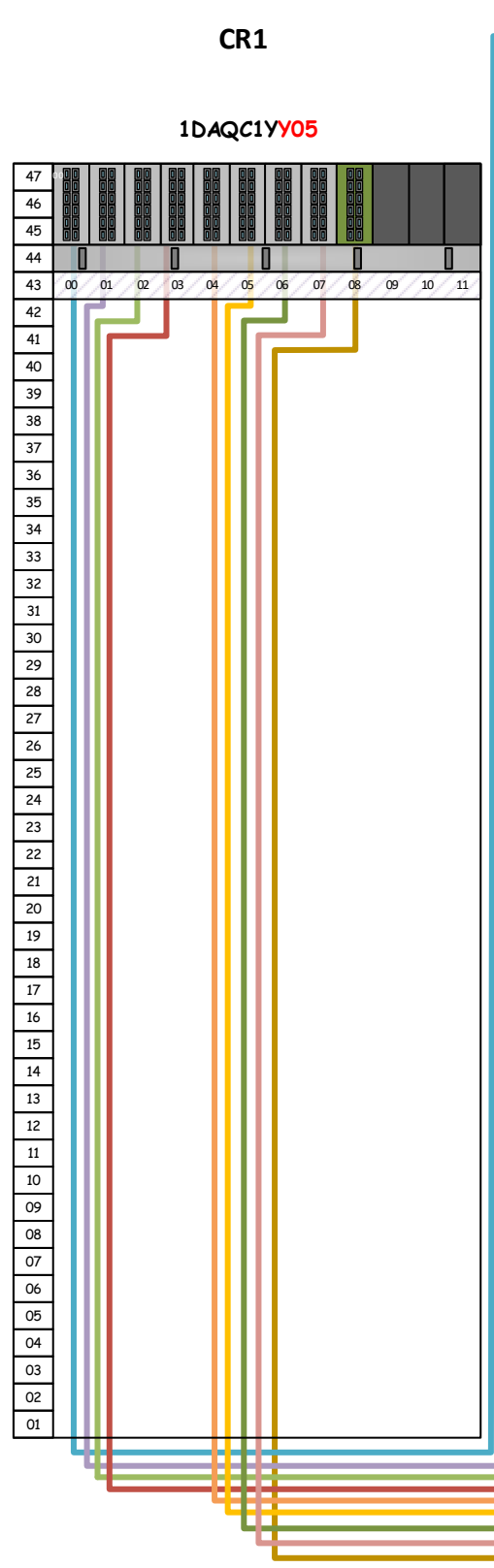
Detector: **TPC A-side (sec. 10, 11, 12)**





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

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

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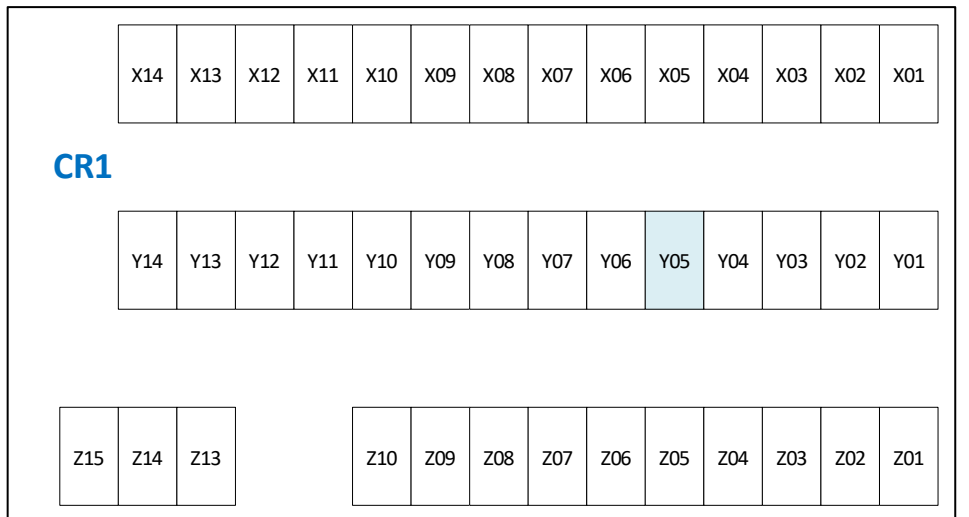
-  Terminal plate OM3
3U 12xMPO-MPO
-  Terminal plate OM3
3U 12xMPO-MPO (Spare)
-  Blind plate 3U
-  MPO OM3 plug terminated



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

UX2(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









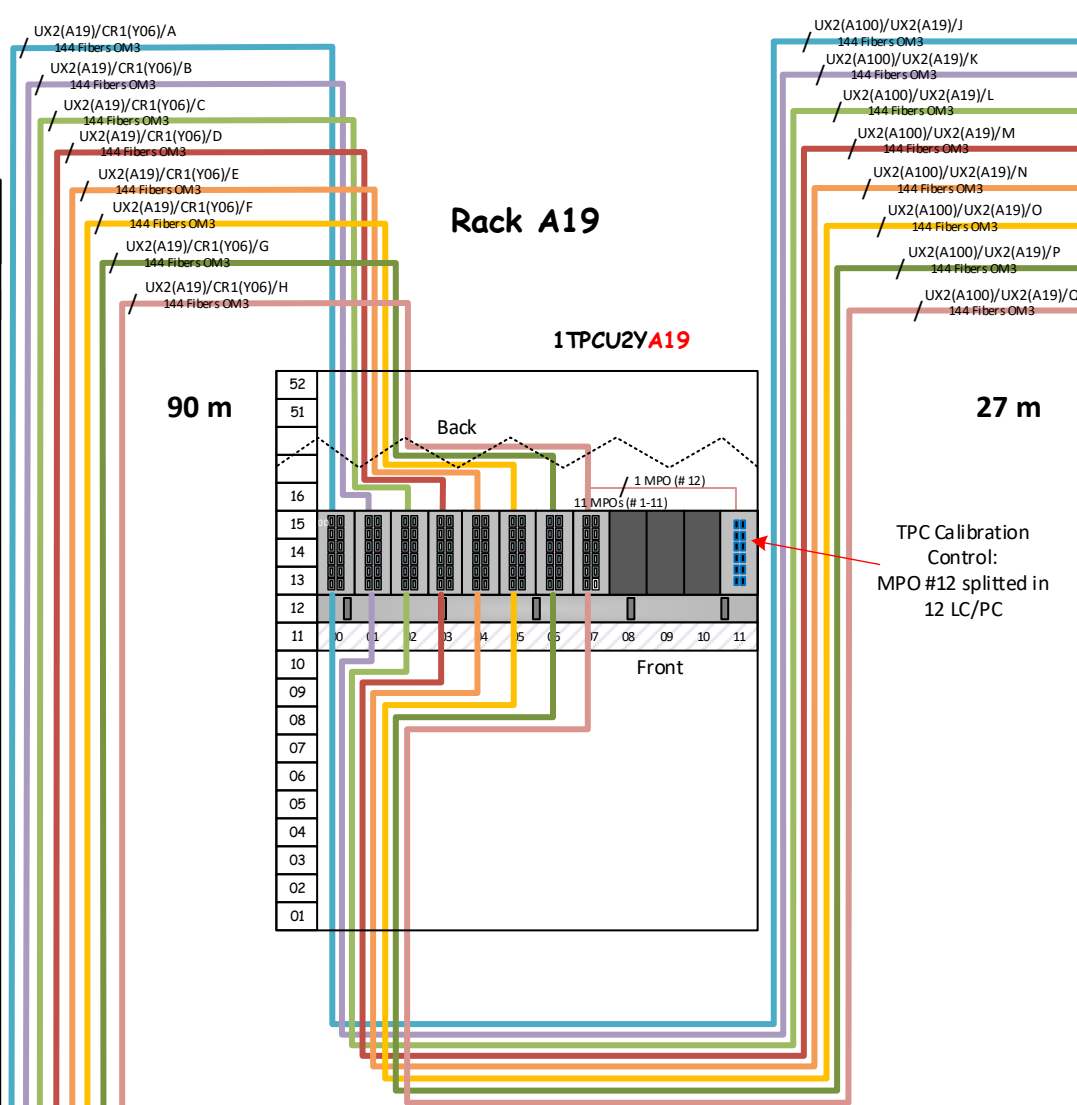
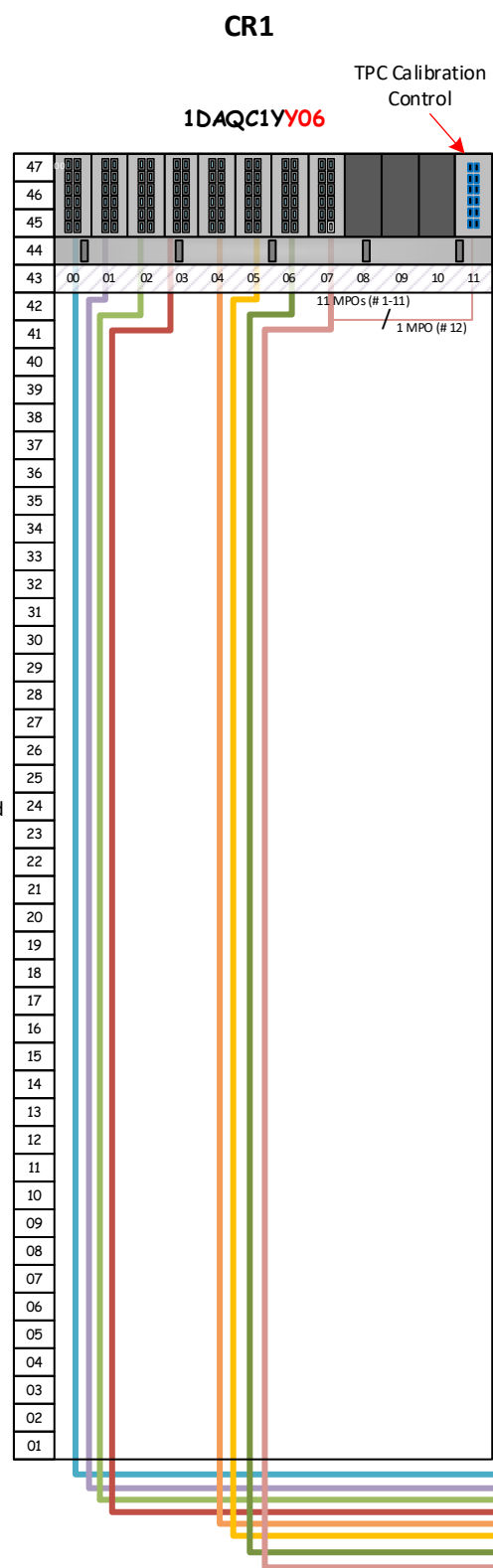
Detector: **TPC A-side (sec. 13, 14, 15)**



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

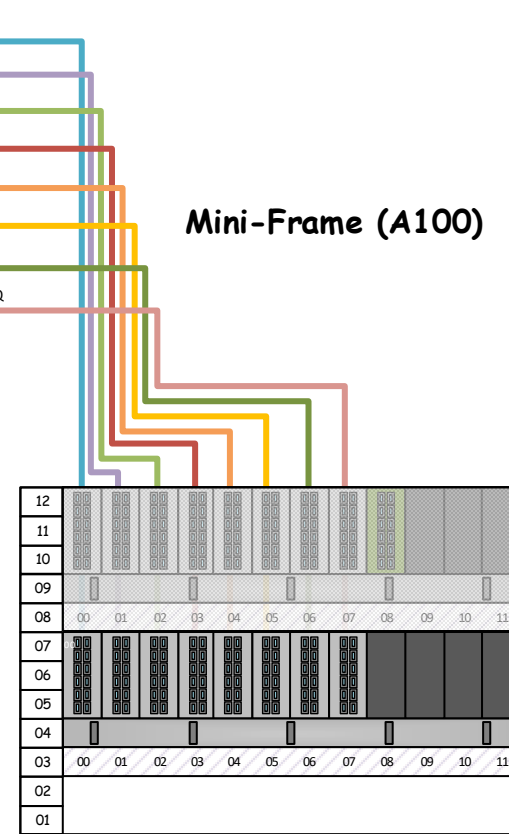
Path: I-side from Mini-Frame through rack A19 (A-side)





Giuseppe Simonetti

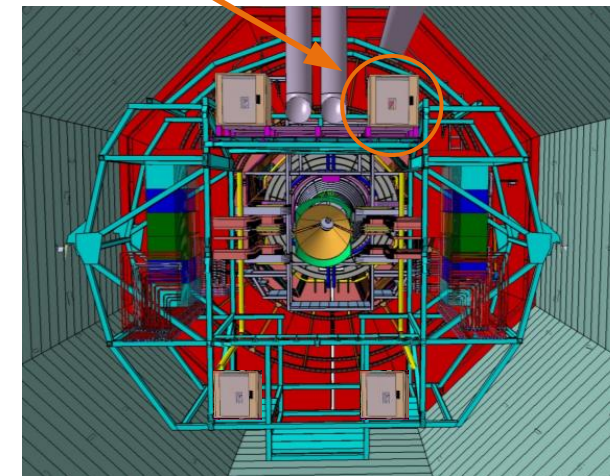
-  Terminal plate OM3
3U 12xMPO-MPO
-  Terminal plate OM3
3U 12xMPO-MPO (Spare)
-  Blind plate 3U
-  Terminal module MM
3U 1MPO-12xLC/PC
-  MPO OM3 plug not terminated
-  MPO OM3 plug terminated



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

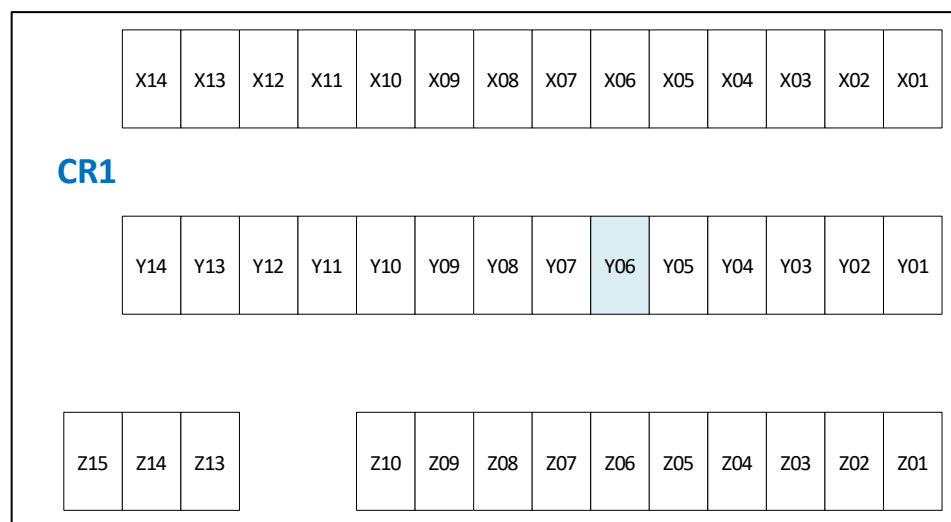


-  Terminal plate OM3
3U 12xMPO-MPO
-  Terminal plate OM3
3U 12xMPO-MPO (Spare)
-  Blind plate 3U
-  MPO OM3 plug terminated



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	26
UX2(A19)/CR1(Y06)/B: s.n. D-96457	27
UX2(A19)/CR1(Y06)/C: s.n. D-96482	28
UX2(A19)/CR1(Y06)/D: s.n. D-96479	29
UX2(A19)/CR1(Y06)/E: s.n. D-96488	30
UX2(A19)/CR1(Y06)/F: s.n. D-96463	31
UX2(A19)/CR1(Y06)/G: s.n. D-96489	32
UX2(A19)/CR1(Y06)/H: s.n. D-96464	33



Detector: **TPC A-side (sec. 16, 17, 00)**

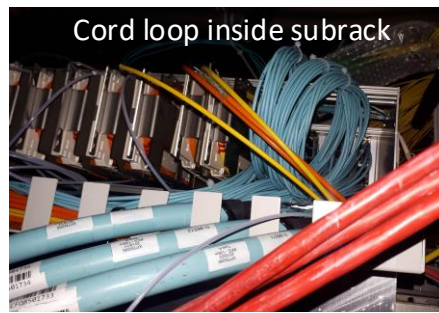
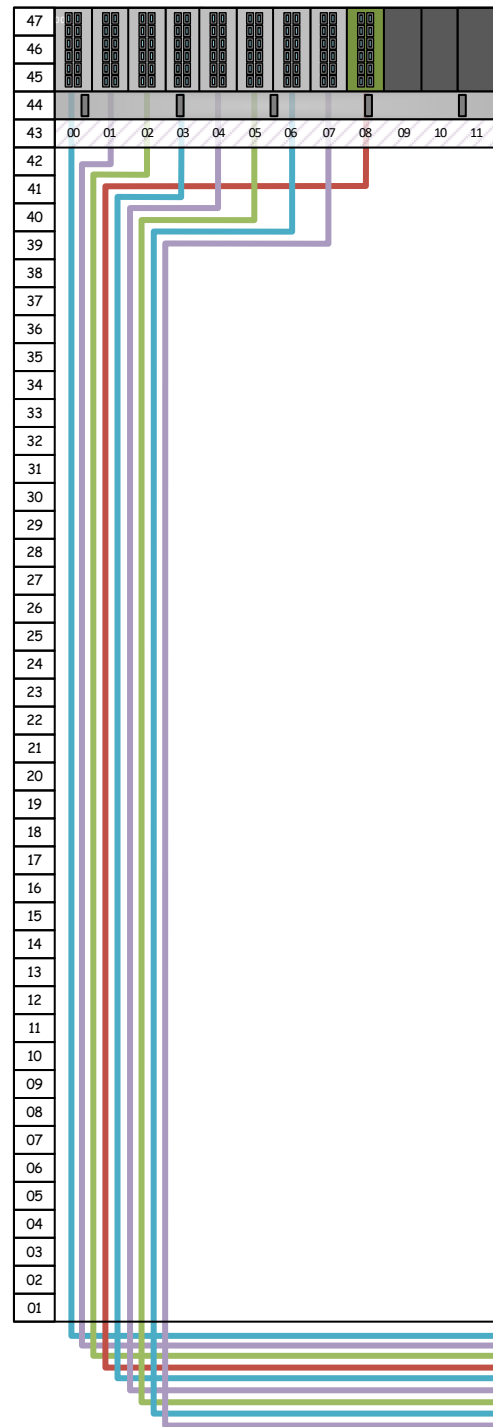
Fiber cables:
8 trunk cables OM3 MPO-MPO (144F)

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

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CR1

1DAQC1Y07



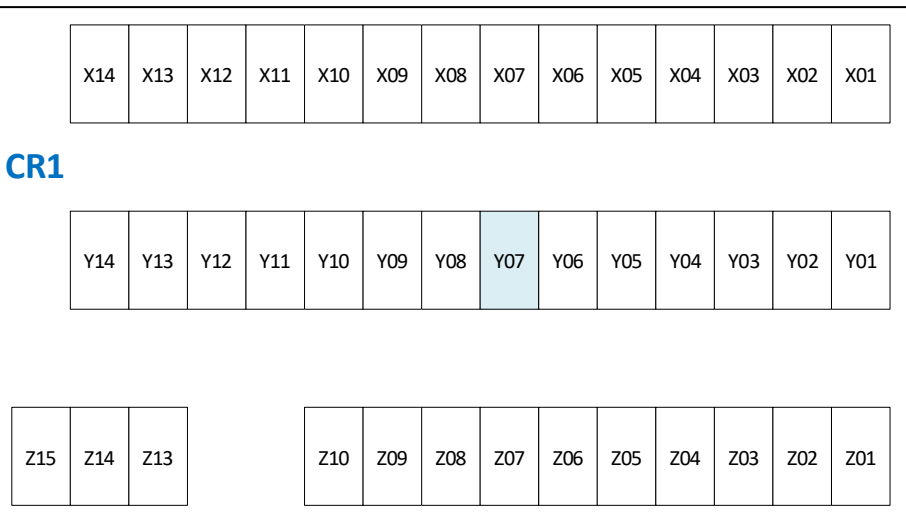
Cord loop inside subrack

UX2(C100)/CR1(Y07)/A
144 Fibers OM3
UX2(C100)/CR1(Y07)/B
144 Fibers OM3
UX2(C100)/CR1(Y07)/C
144 Fibers OM3
UX2(C100)/CR1(Y07)/D
144 Fibers OM3

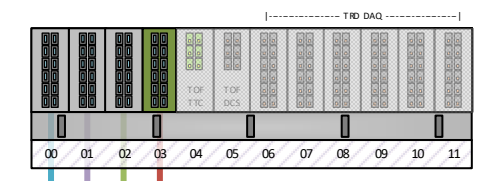
126 m

UX2(C101)/CR1(Y07)/A
144 Fibers OM3
UX2(C101)/CR1(Y07)/B
144 Fibers OM3
UX2(C101)/CR1(Y07)/C
144 Fibers OM3

UX2(C102)/CR1(Y07)/A
144 Fibers OM3
UX2(C102)/CR1(Y07)/B
144 Fibers OM3

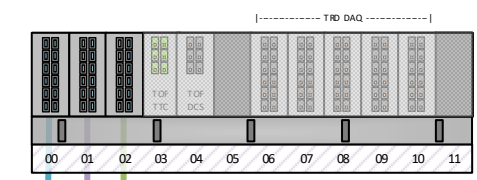


CR1



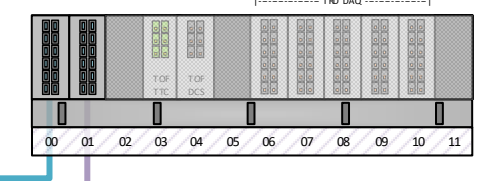
TPC C00

1TPCU2Y**C100**



TPC C01

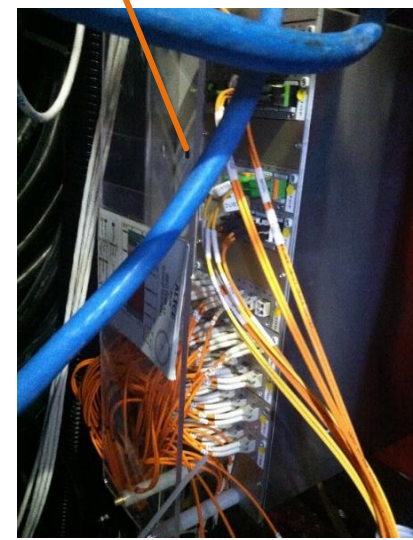
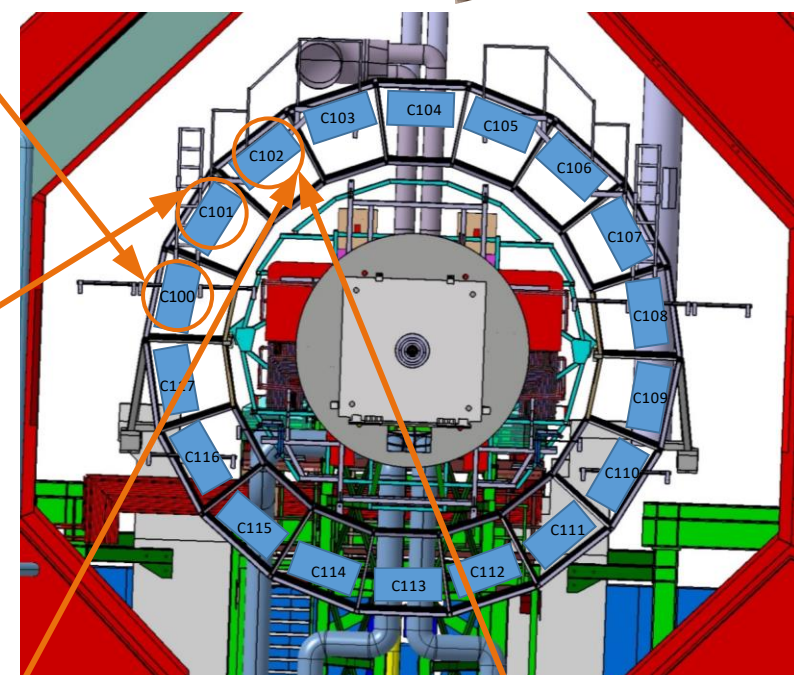
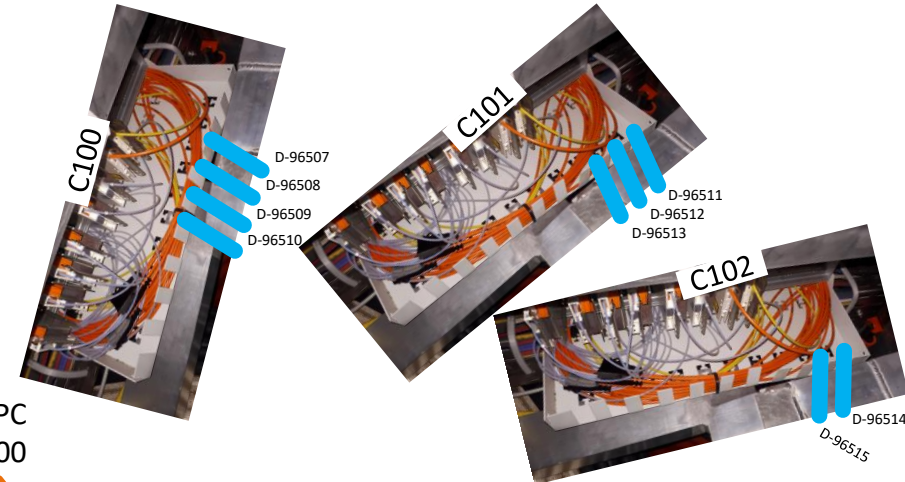
1TPCU2Y**C101**



TPC C02

1TPCU2Y**C102**

- Terminal plate OM3 3U 12xMPO-MPO
- Terminal plate OM3 3U 12xMPO-MPO (Spare)
- Blind plate 3U
- MPO OM3 plug terminated
- 6xE2000/APC SM (spliced)
- 6xE2000 OM2 (spliced)
- 12xE2000 OM2 (spliced)
- E2000 OM2 plug spliced
- E2000/APC SM plug spliced



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

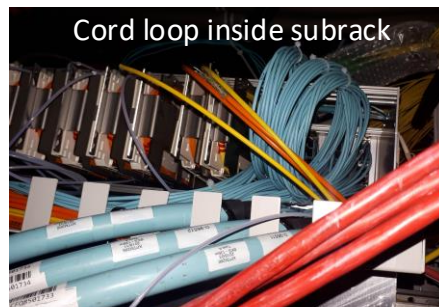
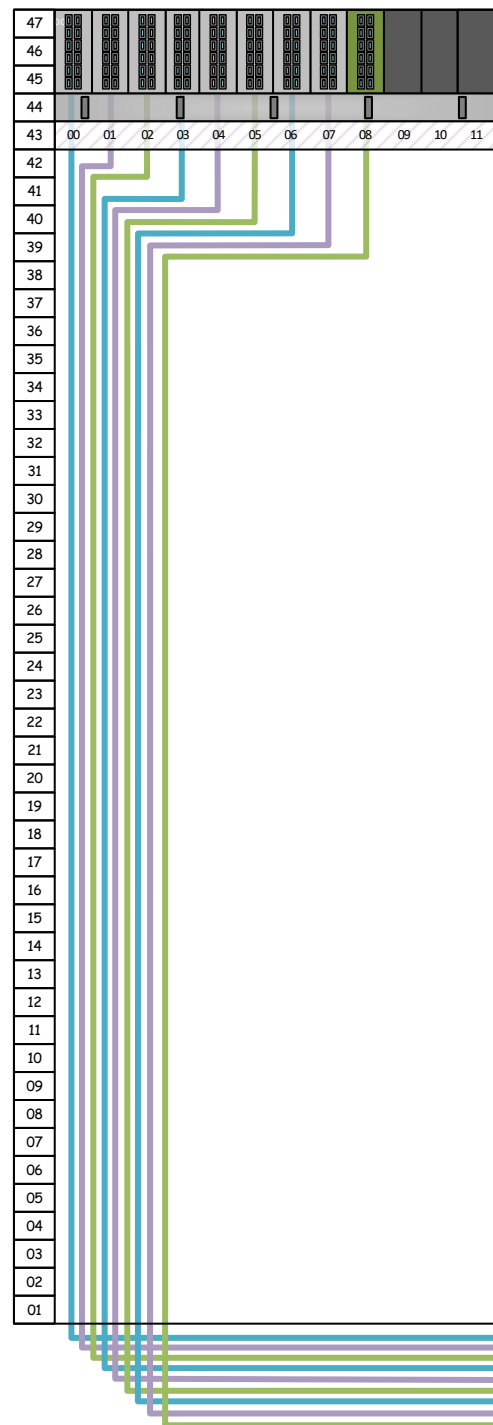
Detector: **TPC C-side (sec. 00, 01, 02)**

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

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

CR1

1DAQC1Y08



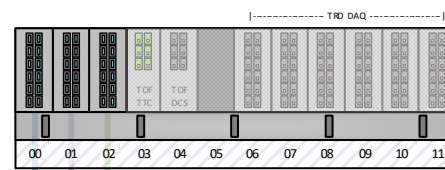
Cord loop inside subrack

UX2(C103)/CR1(Y08)/A
144 Fibers OM3
UX2(C103)/CR1(Y08)/B
144 Fibers OM3
UX2(C103)/CR1(Y08)/C
144 Fibers OM3

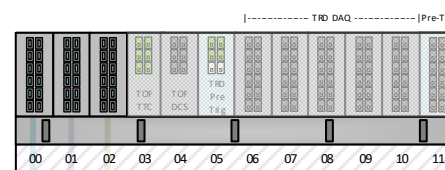
UX2(C104)/CR1(Y08)/A
144 Fibers OM3
UX2(C104)/CR1(Y08)/B
144 Fibers OM3
UX2(C104)/CR1(Y08)/C
144 Fibers OM3

UX2(C105)/CR1(Y08)/A
144 Fibers OM3
UX2(C105)/CR1(Y08)/B
144 Fibers OM3
UX2(C105)/CR1(Y08)/C
144 Fibers OM3

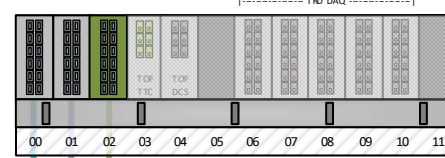
126 m



1TPCU2Y C103



1TPCU2Y C104

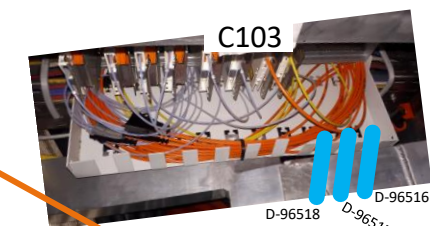


1TPCU2Y C105

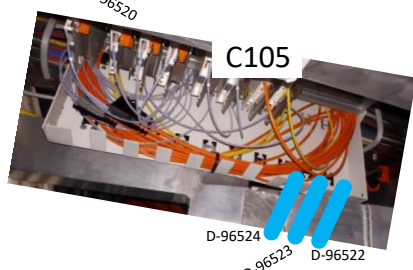
- Terminal plate OM3 3U 12xMPO-MPO
- Terminal plate OM3 3U 12xMPO-MPO (Spare)
- Blind plate 3U
- MPO OM3 plug terminated



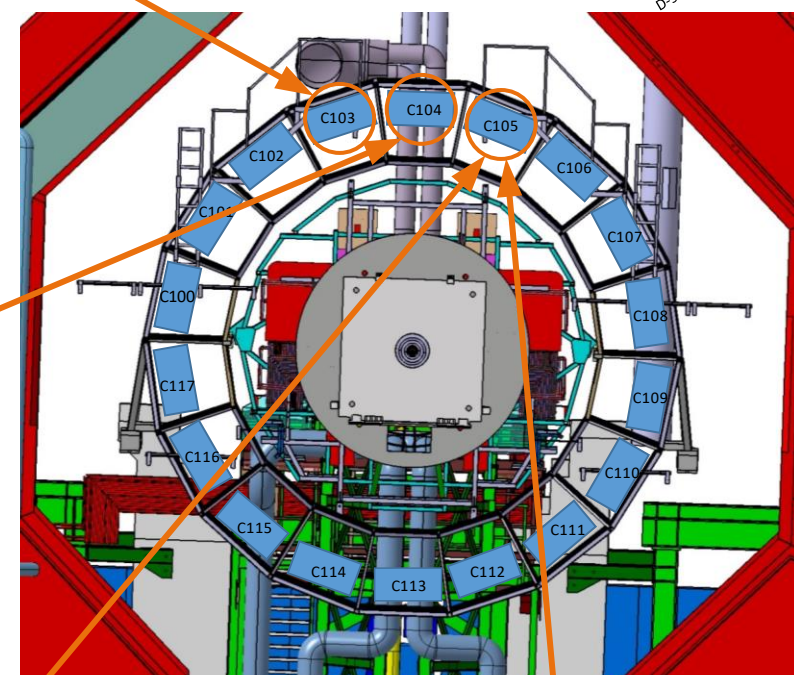
C104
D-96521 D-96519
D-96520



C103
D-96518 D-96517



C105
D-96524 D-96523
D-96522

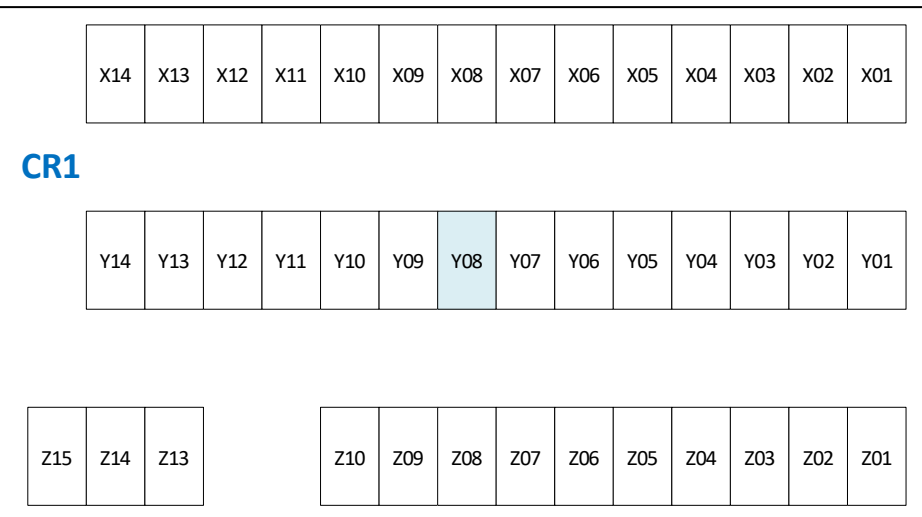
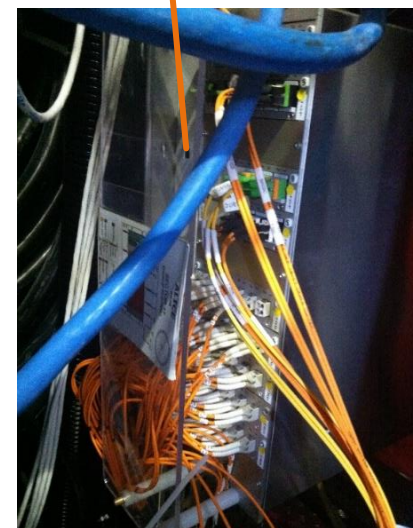


TPC C03

TPC C04

TPC C05

- 6xE2000/APC SM (spliced)
- 6xE2000 OM2 (spliced)
- 12xE2000 OM2 (spliced)
- E2000 OM2 plug spliced
- E2000/APC SM plug spliced
- E2000/APC SM plug not spliced



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

Detector: TPC C-side (sec. 03, 04, 05)

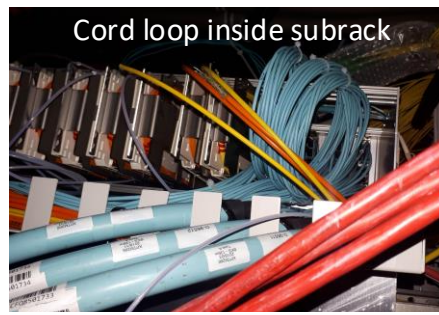
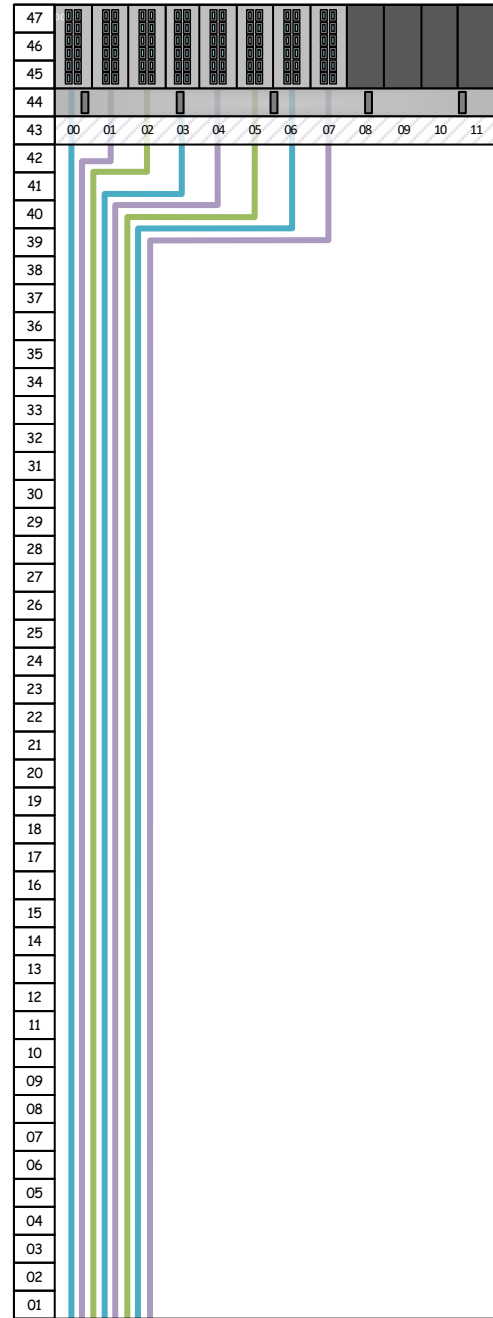
Fiber cables:
9 trunk cables OM3 MPO-MPO (144F)

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

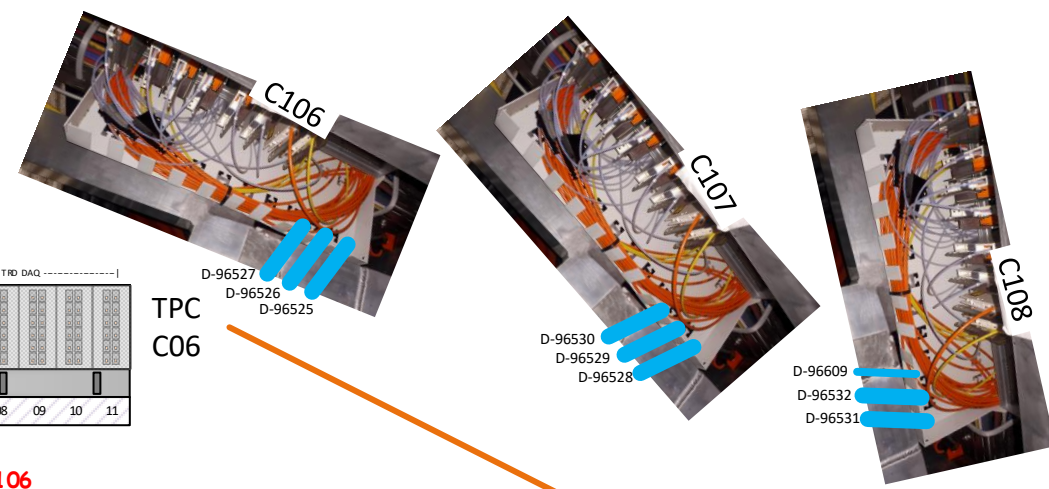
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CR1

1DAQC1Y09



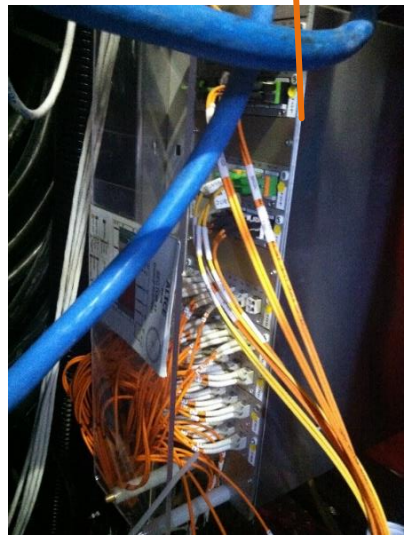
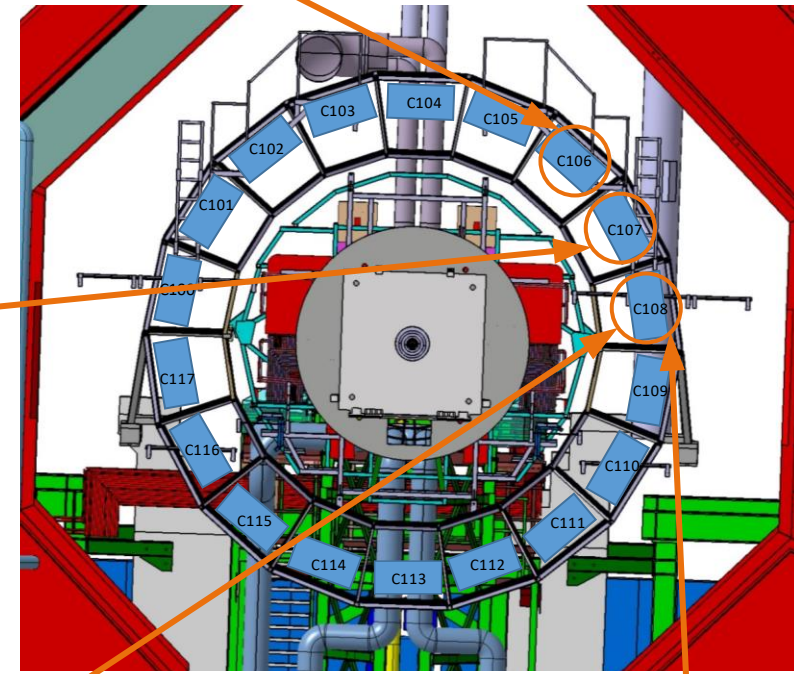
Cord loop inside subrack



TPC C06

TPC C07

TPC C08



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

126 m

UX2(C106)/CR1(Y09)/A
144 Fibers OM3

UX2(C106)/CR1(Y09)/B
144 Fibers OM3

UX2(C106)/CR1(Y09)/C
144 Fibers OM3

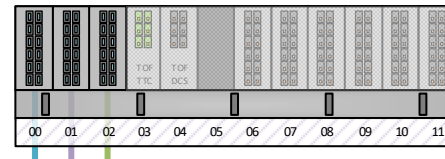
UX2(C107)/CR1(Y09)/A
144 Fibers OM3

UX2(C107)/CR1(Y09)/B
144 Fibers OM3

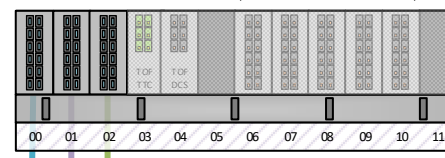
UX2(C107)/CR1(Y09)/C
144 Fibers OM3

UX2(C108)/CR1(Y09)/A
144 Fibers OM3

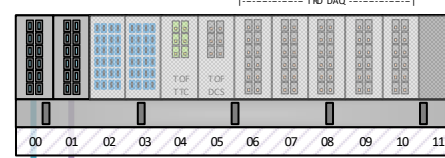
UX2(C108)/CR1(Y09)/B
144 Fibers OM3



1TPCU2Y C106



1TPCU2Y C107



1TPCU2Y C108

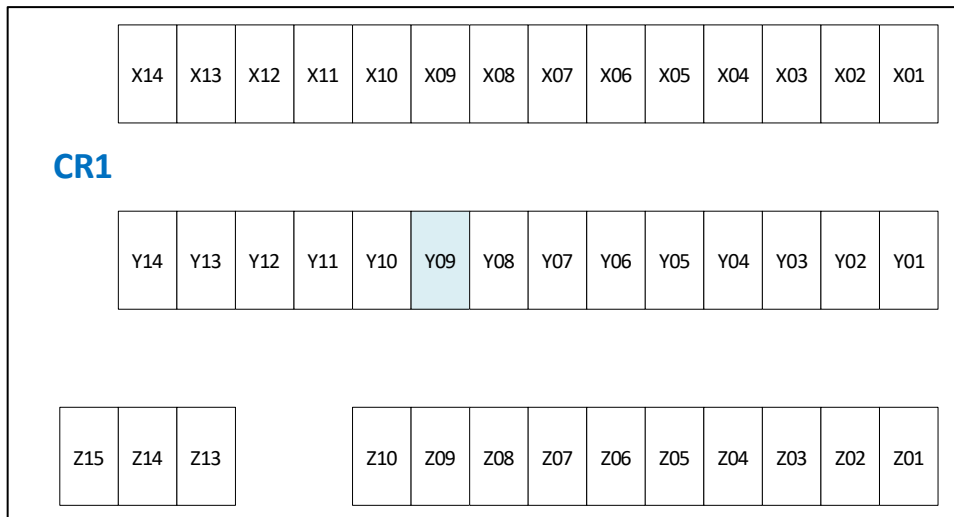
- Terminal plate OM3 3U 2xMPO-24xLC/PC
- LC/PC plug terminated

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

- 6xE2000/APC SM (spliced)
- 6xE2000 OM2 (spliced)
- 12xE2000 OM2 (spliced)

- E2000 OM2 plug spliced
- E2000/APC SM plug spliced

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)**

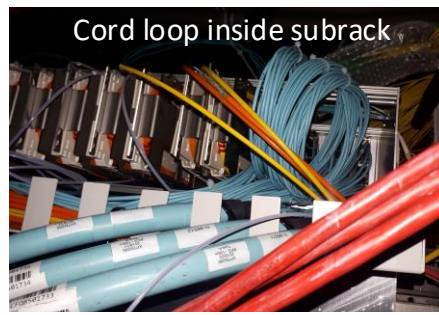
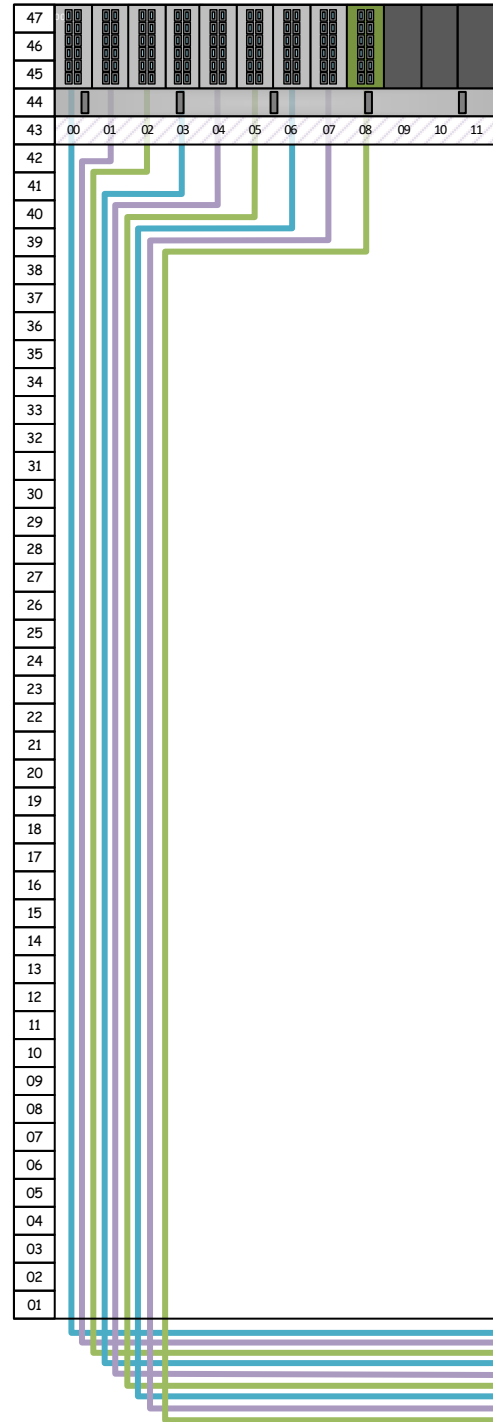
Fiber cables:
8 trunk cables OM3 MPO-MPO (144F)

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

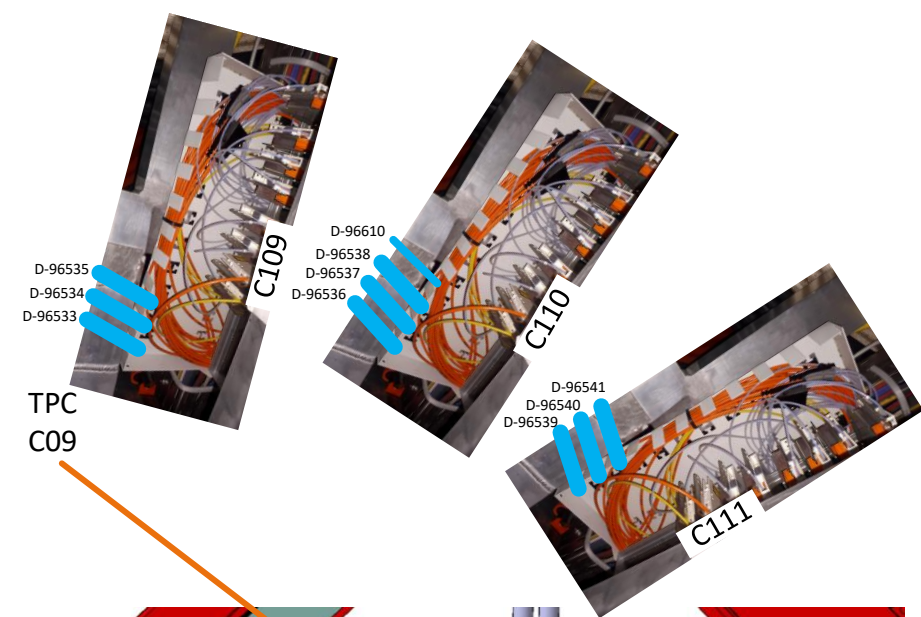
Giuseppe Simonetti

CR1

1DAQC1Y10



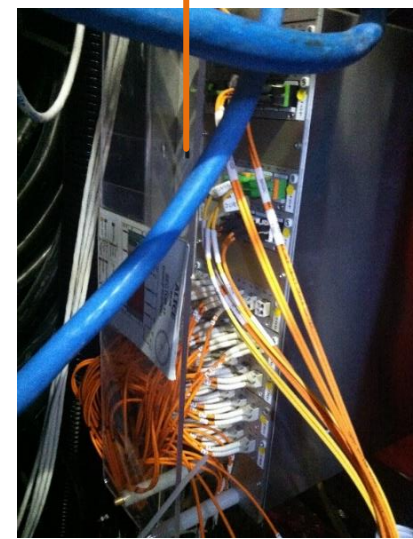
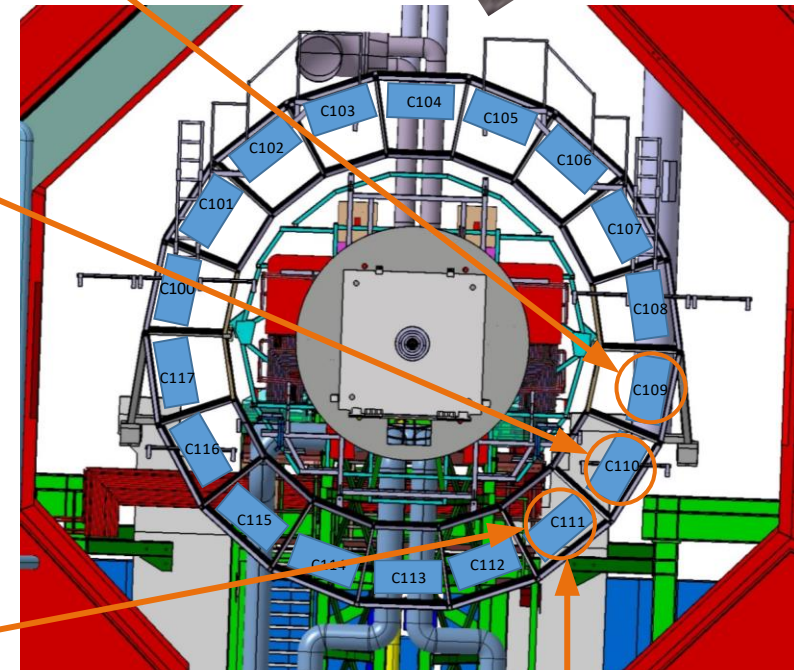
Cord loop inside subrack



TPC C09

TPC C10

TPC C11

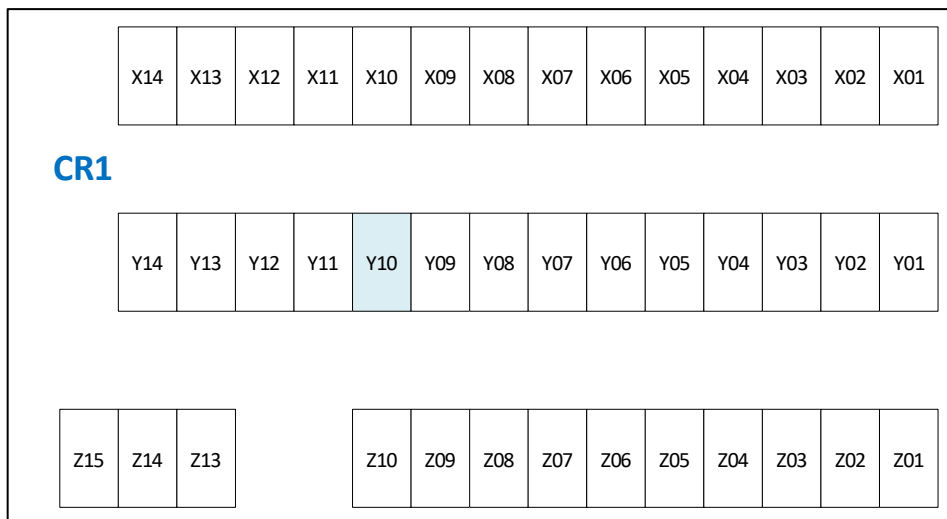


- Terminal plate OM3 3U 12xMPO-MPO
- Terminal plate OM3 3U 12xMPO-MPO (Spare)
- Blind plate 3U
- MPO OM3 plug terminated

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

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

- 6xE2000/APC SM (spliced)
- 6xE2000 OM2 (spliced)
- 12xE2000 OM2 (spliced)
- E2000 OM2 plug spliced
- E2000/APC SM plug spliced



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

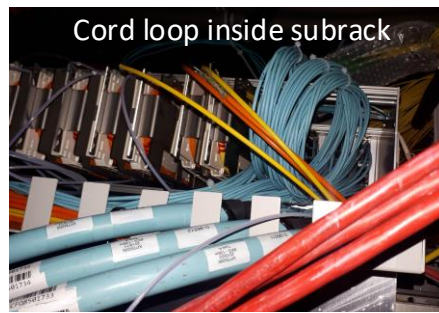
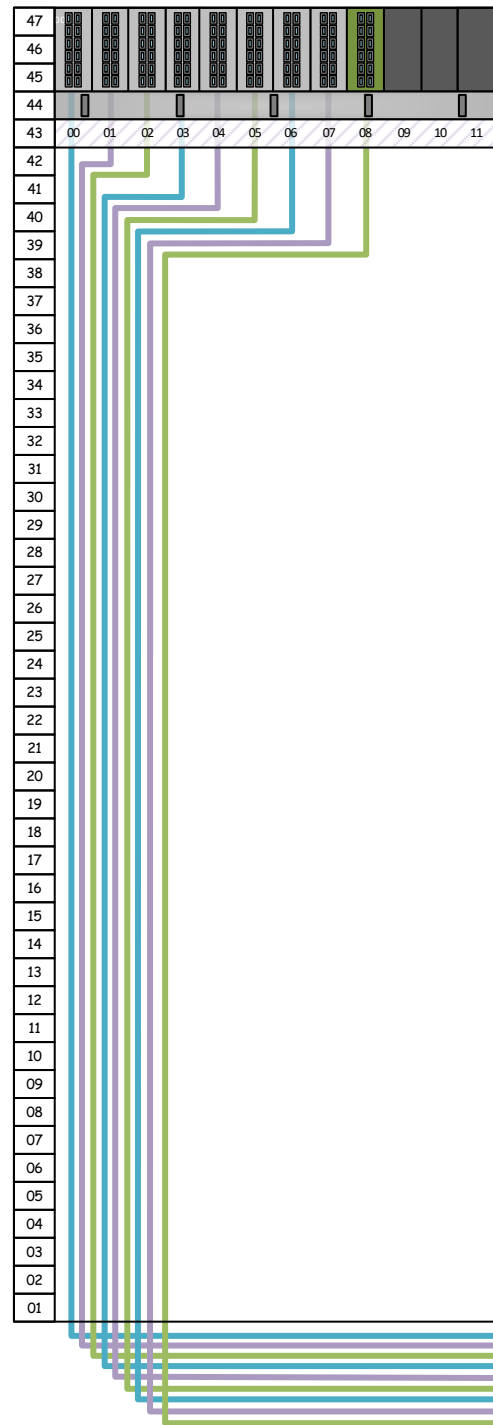
Detector: **TPC C-side (sec. 09, 10, 11)**

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

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

CR1

1DAQC1Y11



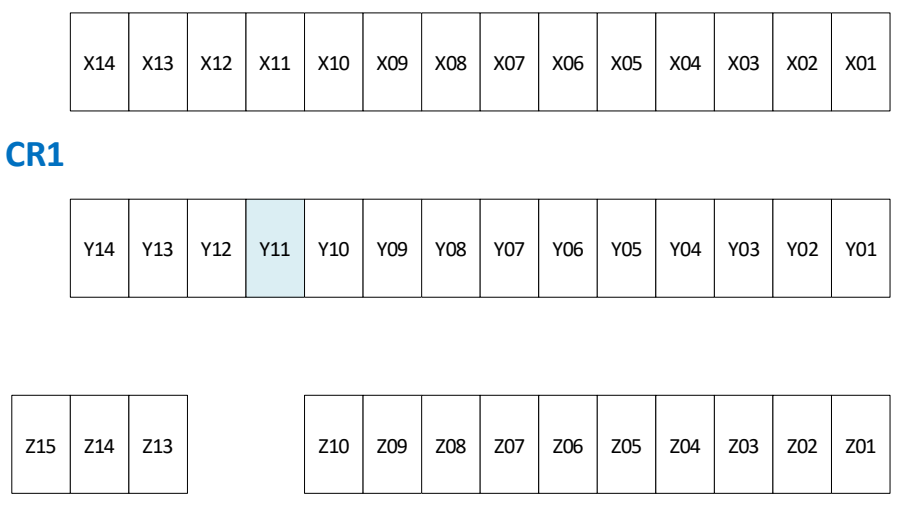
Cord loop inside subrack

UX2(C112)/CR1(Y11)/A
144 Fibers OM3
UX2(C112)/CR1(Y11)/B
144 Fibers OM3
UX2(C112)/CR1(Y11)/C
144 Fibers OM3

126 m

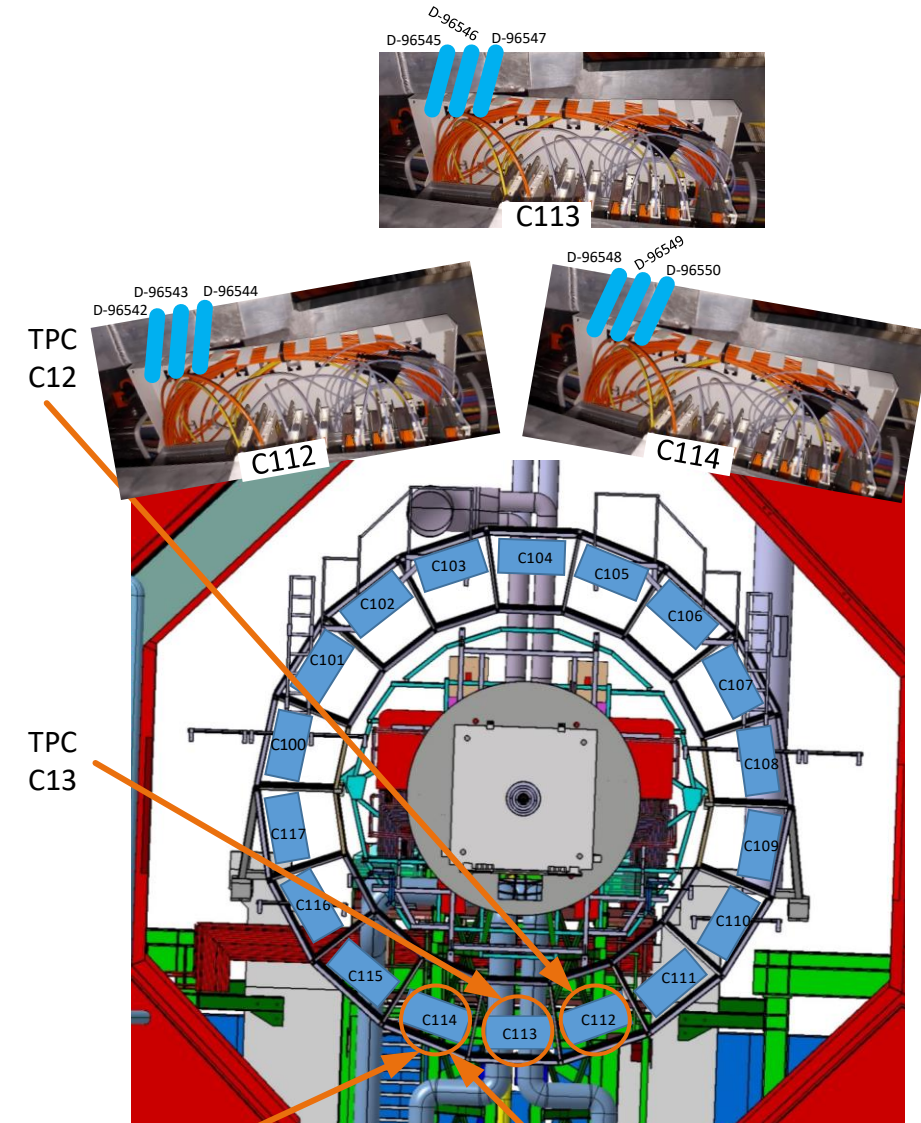
UX2(C113)/CR1(Y11)/A
144 Fibers OM3
UX2(C113)/CR1(Y11)/B
144 Fibers OM3
UX2(C113)/CR1(Y11)/C
144 Fibers OM3

UX2(C114)/CR1(Y11)/A
144 Fibers OM3
UX2(C114)/CR1(Y11)/B
144 Fibers OM3
UX2(C114)/CR1(Y11)/C
144 Fibers OM3



UX2(C112)/CR1(Y11)/A: s.n. D-96542	231
UX2(C112)/CR1(Y11)/B: s.n. D-96543	232
UX2(C112)/CR1(Y11)/C: s.n. D-96544	233
UX2(C113)/CR1(Y11)/A: s.n. D-96545	234
UX2(C113)/CR1(Y11)/B: s.n. D-96546	235
UX2(C113)/CR1(Y11)/C: s.n. D-96547	236
UX2(C114)/CR1(Y11)/A: s.n. D-96548	237
UX2(C114)/CR1(Y11)/B: s.n. D-96549	238
UX2(C114)/CR1(Y11)/C: s.n. D-96550	239

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



TPC C12
TPC C13
TPC C14

- 6xE2000/APC SM (spliced)
- 6xE2000 OM2 (spliced)
- 12xE2000 OM2 (spliced)
- E2000 OM2 plug spliced
- E2000/APC SM plug spliced
- E2000/APC SM plug not spliced

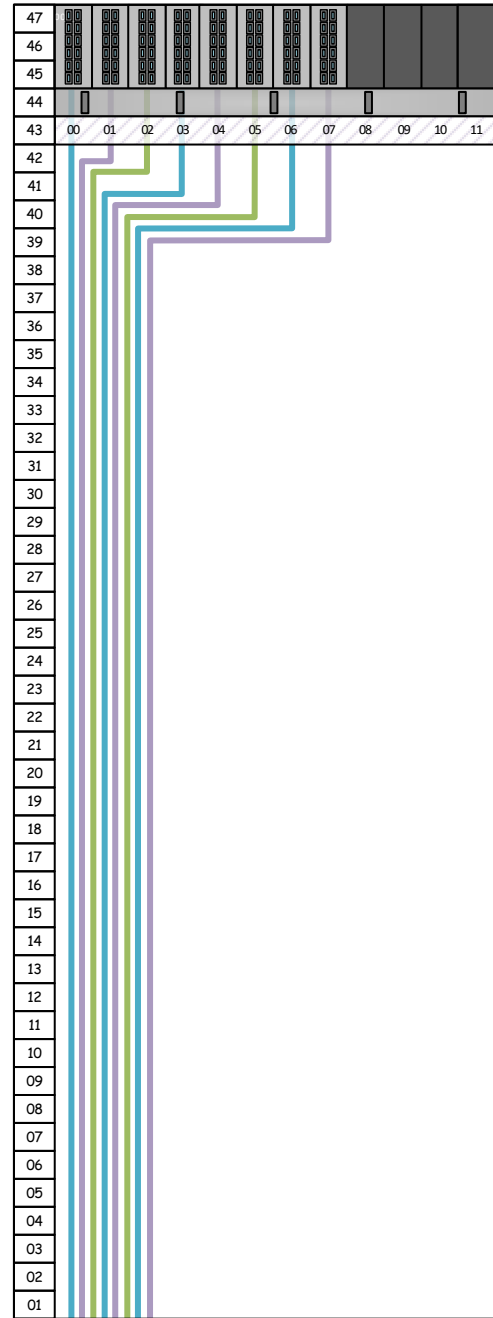
Detector: **TPC C-side (sec. 12, 13, 14)**

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

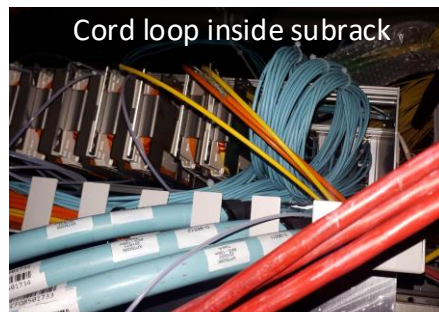
Path: O-side from FASS (C-side)

CR1

1DAQC1Y12

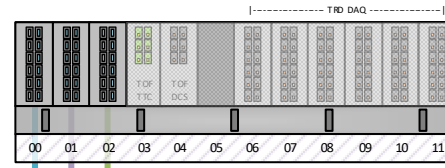


- Terminal plate OM3 3U 12xMPO-MPO
- Terminal plate OM3 3U 12xMPO-MPO (Spare)
- Blind plate 3U
- MPO OM3 plug terminated

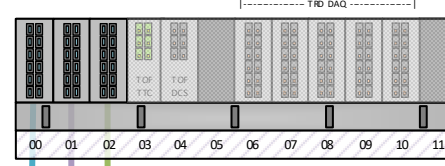


Cord loop inside subrack

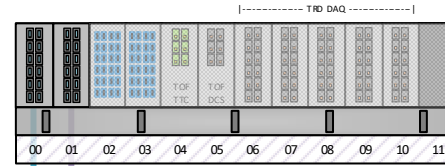
126 m



1TPCU2Y**C15**



1TPCU2Y**C16**

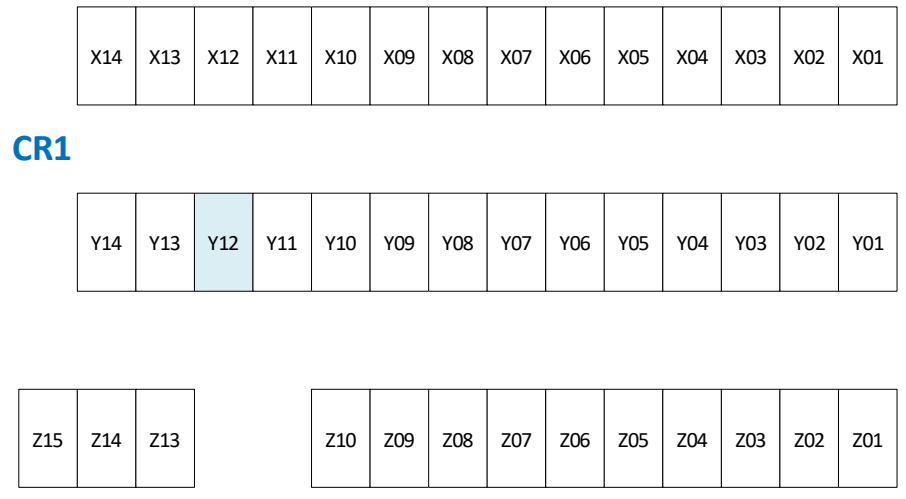
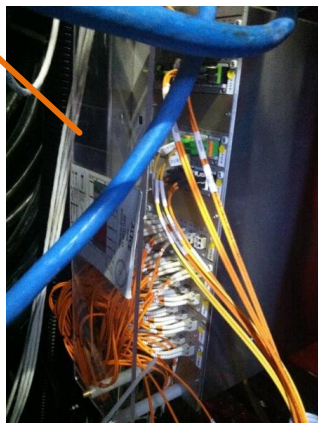
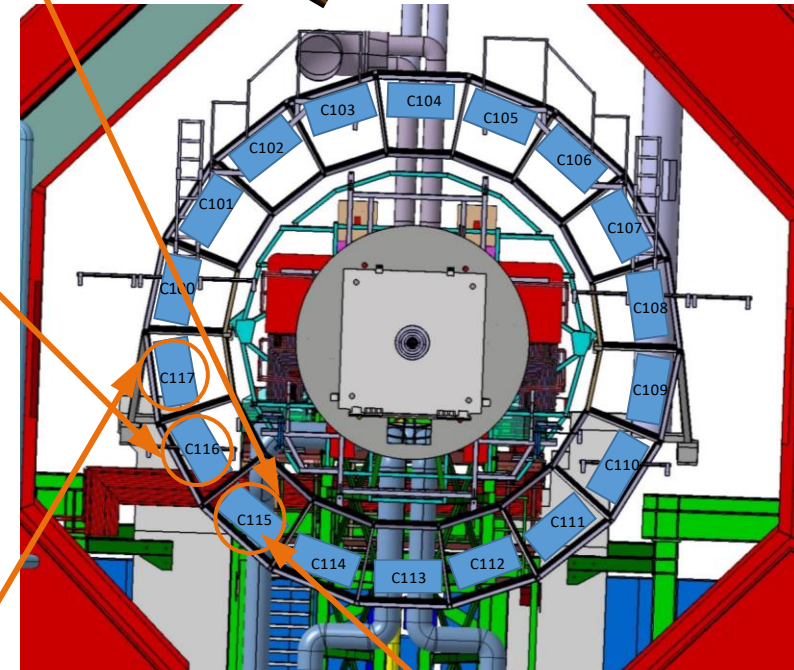
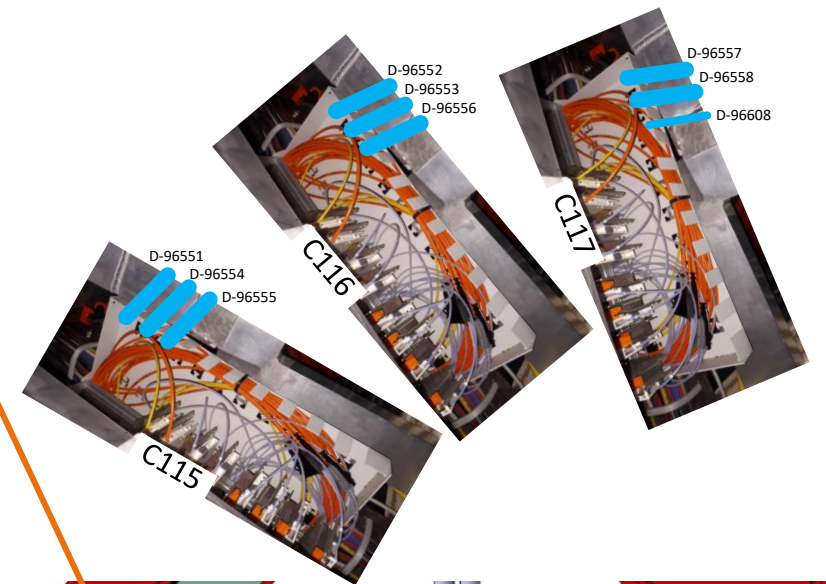


1TPCU2Y**C17**

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

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

- 6xE2000/APC SM (spliced)
- 6xE2000 OM2 (spliced)
- 12xE2000 OM2 (spliced)
- E2000 OM2 plug spliced
- E2000/APC SM plug spliced



UX2(C115)/CR1(Y12)/A: s.n. D-96551	240
UX2(C115)/CR1(Y12)/B: s.n. D-96554	243
UX2(C115)/CR1(Y12)/C: s.n. D-96555	244
UX2(C116)/CR1(Y12)/A: s.n. D-96552	241
UX2(C116)/CR1(Y12)/B: s.n. D-96553	242
UX2(C116)/CR1(Y12)/C: s.n. D-96556	245
UX2(C117)/CR1(Y12)/A: s.n. D-96557	246
UX2(C117)/CR1(Y12)/B: s.n. D-96558	247

Detector: **TPC C-side (sec. 15, 16, 17)**

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

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