

C1,C2,S4,Sh  
dispatch to trigger, Logical OR for  
veto,Scalersmodules

Trigger  
config  
module

logical  
OR unit  
for veto  
cables

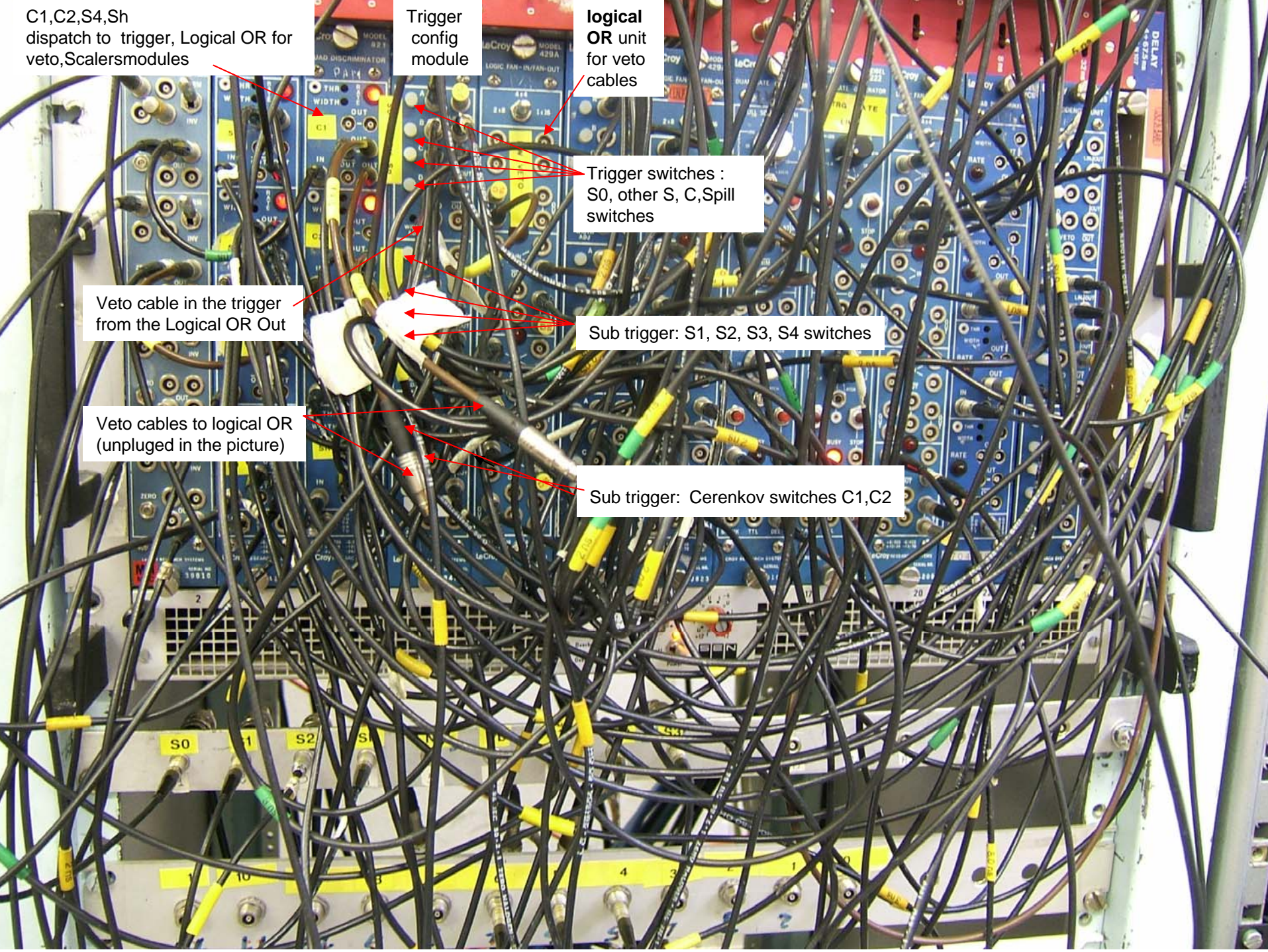
Trigger switches :  
S0, other S, C,Spill  
switches

Veto cable in the trigger  
from the Logical OR Out

Sub trigger: S1, S2, S3, S4 switches

Veto cables to logical OR  
(unplugged in the picture)

Sub trigger: Cerenkov switches C1,C2





INFNIM1

CAEN

54 NaI-F NaI-B

Ch1 900

Vm 907

FUNCTION

CHANNELS PRIORITY

RST HV ON

ALARM

KILL

VSE

CH1 U2

OFF

OV

OV

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INFN PISA

DUAL TIMER

mod 2255A

START

STOP

RESET

END MARKER

OUT

OUT

OUT

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LaCroy

MODEL 429A

LOGIC TRIG - IN/OUT

4x4

1x16

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LaCroy

MODEL 623B

OCTAL DISCRIMINATOR

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MULTISCALER

8 CHANNEL 100 MHz

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TIME

ELLE 170 MHz

53421907

658226

Counts

Triggers

Seconds

989

OPEN

OVFL

1

2

3

4

RESET

GATED

RESET

RESET

RESET

RESET

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RESET

RESET

RESET

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RESET

INFN PISA

DUAL TIMER

mod 2255A

START

STOP

RESET

END MARKER

OUT

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LaCroy

MODEL 429A

LOGIC TRIG - IN/OUT

4x4

1x16

IN

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Neg HV  
Section

Neg HV  
Section

Signal  
converter  
module

Scaler module

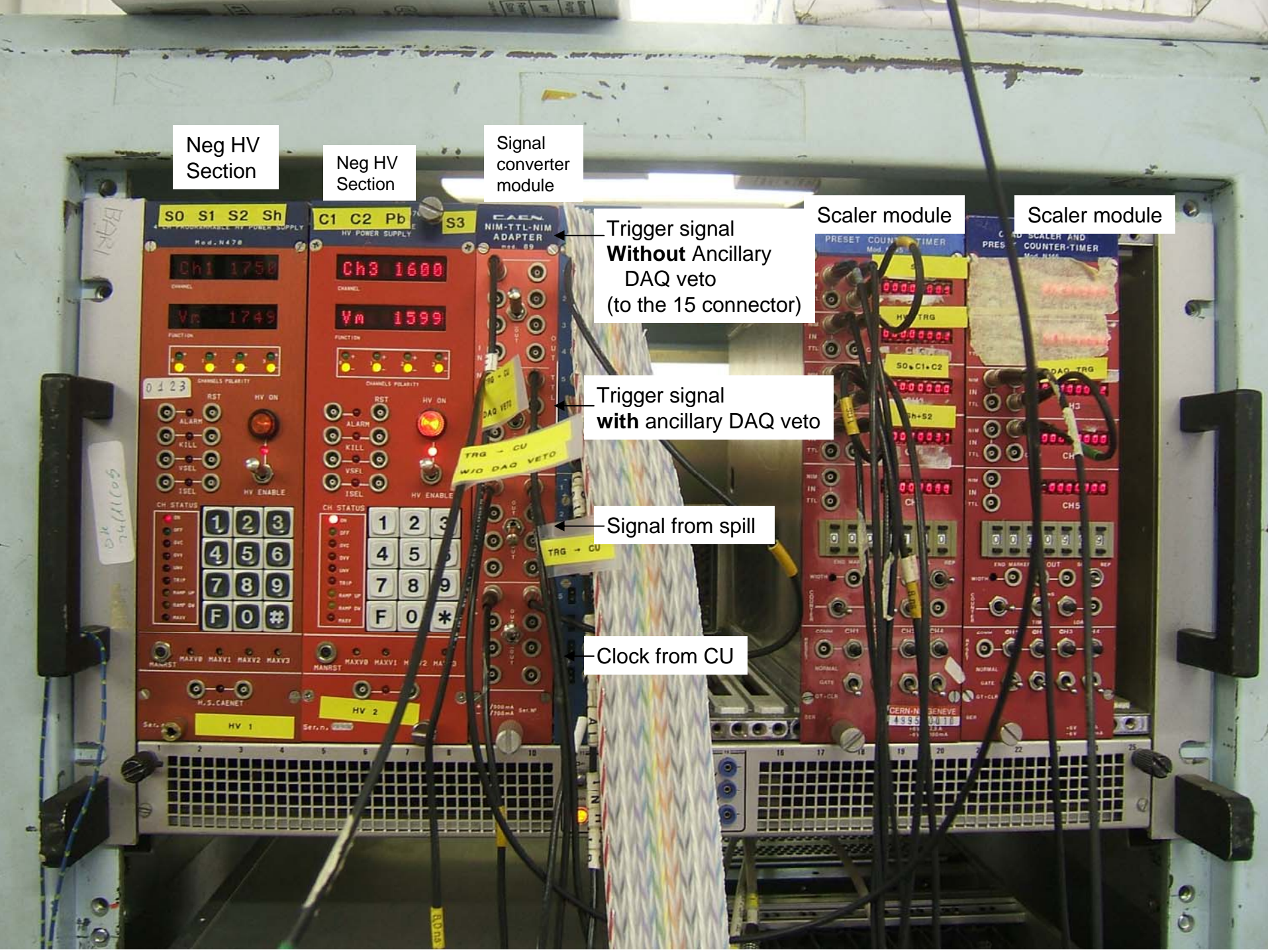
Scaler module

Trigger signal  
**Without** Ancillary  
DAQ veto  
(to the 15 connector)

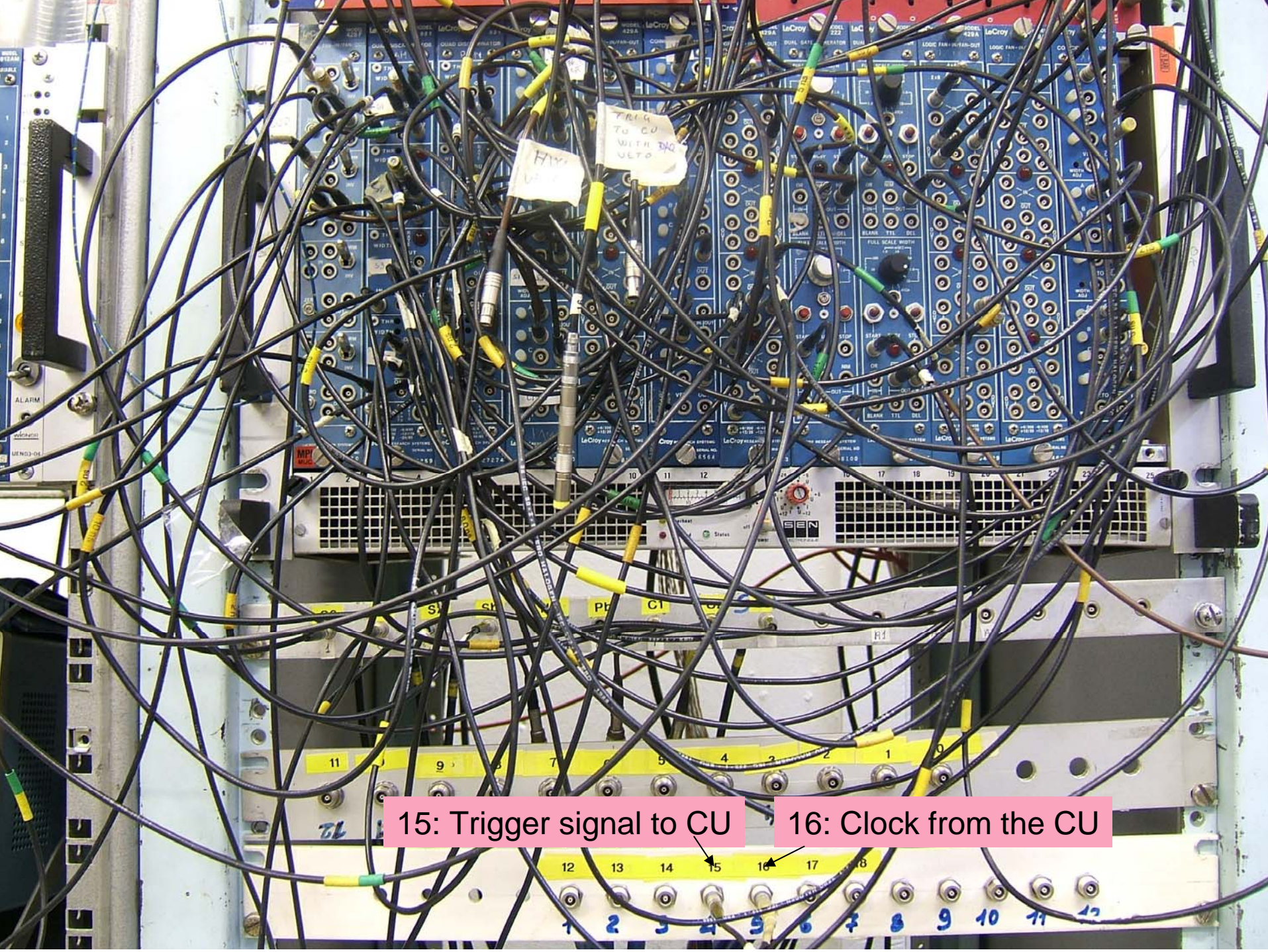
Trigger signal  
**with** ancillary DAQ veto

Signal from spill

Clock from CU







15: Trigger signal to CU

16: Clock from the CU