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Proposal for the Straw Tube Readout Channels and cables numbering scheme

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1 Readout Channels and cables numbering scheme

Each cable/channel is identified by a code DDTTWWWW, where:

- DD (A-Z) Detector code;
- TT (A-Z) Module type of detector DD;
- WWWW number of either type: XYYY with X=1:9 and YYY=1:999, or XXYY with XX=1:99 and YY=1:99 identifying respectivly the cable number and the channel number in the cable.

For example, the Straw tube detector DD=ST has the numbering scheme shown in table (tab.1). This is a general numbering scheme followed by all the detectors [1].

Table 1: Numbering scheme for readout channels and cables for the Straw Tubes detector.

description	(DDTTWWWW)	comment
straw tube	STSTXYYY	layer X=1 $\div$ 6, tube YYY=001 $\div$ 404
from straw to Patch Panel	STSPXYYY	*same*
from Patch Panel to Disc	STPDX0YY	layer X=1 $\div$ 6, cable YY=01 $\div$ 14
from Disc to TDC	STDTX0YY	*same*
High Voltage to Patch Panel	STHPX0YY	*same*
Low Voltage to Patch Panel	STLPX0YY	*same*
Test Pulse cable	STTPX0YY	*same*
gas cable	STGAX0YZ	layer X=1 $\div$ 6, Y=1(input), 2(output), distributor Z=1 $\div$ 7

References

[1] S.Bianco, A. Cecchetti, Finuda Note 34/lnf/opr/96