ALTRO FEC RCU/DCS DRORC readout status 20081210

Currently two systems are setup and running in Lund with different versions of everything:
HAVE1: debug system for the AIM
HAVE2: current FEC test setup
AIM: first aim is to merge the two.

	HAVE1	HAVE2	AIM
OS	SLC4.6	SLC4.4	SLC4.6
ALICE DATE	6.29	6.01	6.29
ilcDAQ version	2.5	4.0	4.1
DRORCs	1	1	1
DRORCversion	4 (100Mhz)	3 (66MHz)	4(100Mhz)
DCS version	2.6	2.8	2.8
RCUs	1	1	2
RCU firmware	1(10 Mhz)	2(20Mhz sampling)	2(40Mhz sampling)
FECs	1	3	>5
DBOX emulator	-	not tested	yes
local run control	yes	yes	yes
local monitor	yes	yes	yes
data format	2.5(raw)	4.0(raw)	4.1(raw)
standalone programs	some	some	cleaned up

The local run control is only meant for local running (e.g. pedestal runs/test runs) and perhaps doing the setup before data taking.

The local monitor is not meant to be a test beam monitor, for FEC tests only.

To reach the AIM:
Need software and programmer to upgrade the DCS from 2.6 to 2.8 in HAVE1.
Need new firmware from Luciano with 40MHz, to be installed on both RCUs.