Recent work for DGS

- Observation at CLIO with RT system for detector characterization. Lock acquisition, calibration and some software for data analysis. 13 hours data including 2 hours continuous lock.

- A new larger room at Kamioka Hokubu-kaikan for 7 racks RT system

- Visiting LIGO to see km scale control system, estimating the total number of RT PCs, IO chassis, electronics etc.

Items for Real Time control

	Stand alone system FY2010-	Small network test FY2011	Large network test FY2012, 2013	Full system FY2014~
Real time PC	1	2	~7	~25
IO chassis	1	0	~7	~25
Servers	0	1	8	8
ADC	1	2	~10	~70
DAC	1	0	~10	~35
Binary Output	1	0	~10	~100
Long Reflective memory switch	0	1	3	3
Short Reflective memory switch	0	1	3	5
DAQ memory switch	0	1	4	4
Timing switch	0	1	3	3
IRIG-B switch	0	0	1	3
Data storage	1TB	2TB	~20TB	~500TB

Red: new items
Green: increments

Analog electronics made by AEL

- Timing injection ADC adapter x 20
- Timing injection DAC adapter x 20
- D-SUB – LEMO interface x 10
- D-SUB – BNC interface x 10
- 8ch AA/AI filter x 10
- 32ch Binary Output interface x 10
- RF PD for LSC x 10

Next target: Whitening filter