

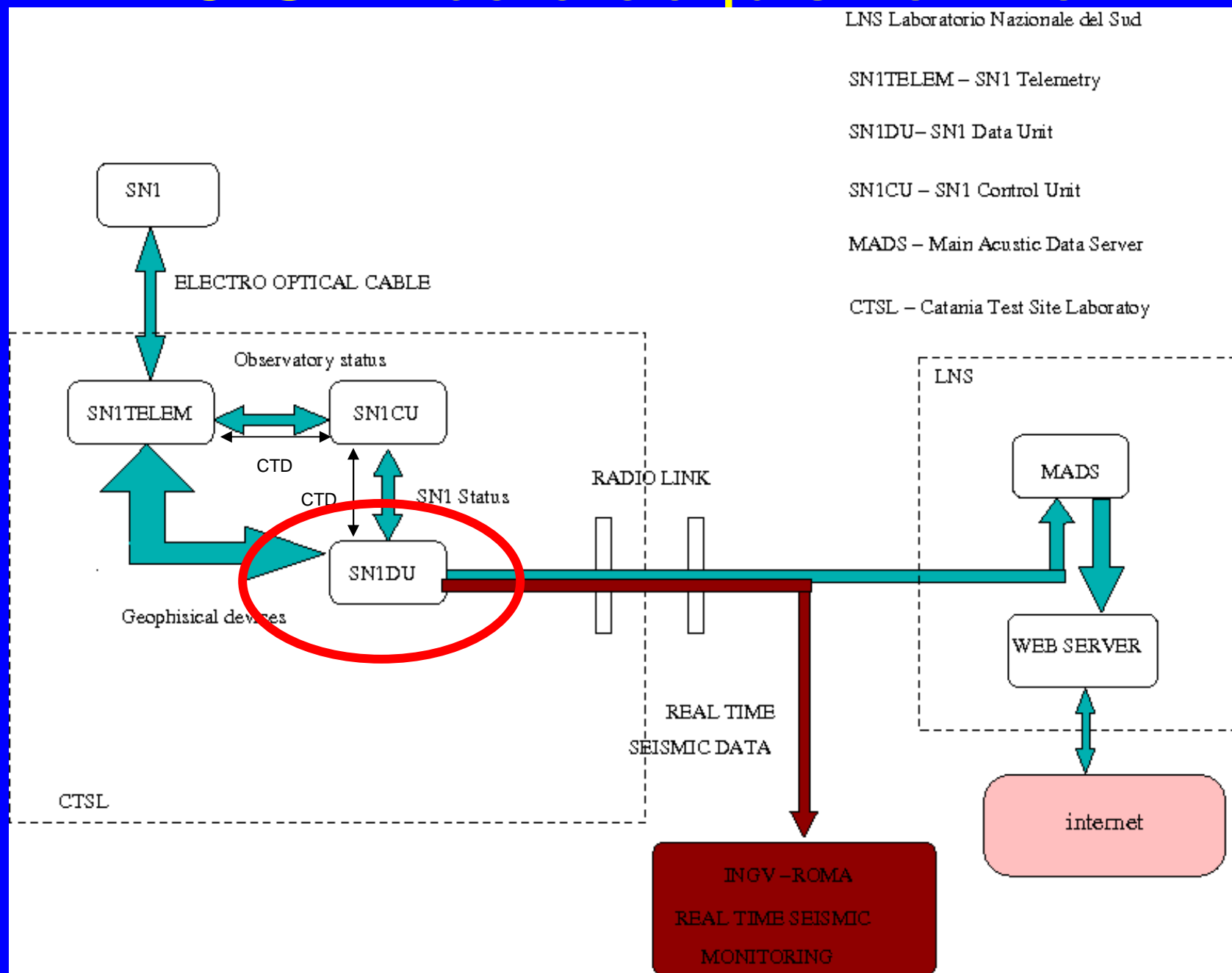


# SN1 LIDO

## INGV data management

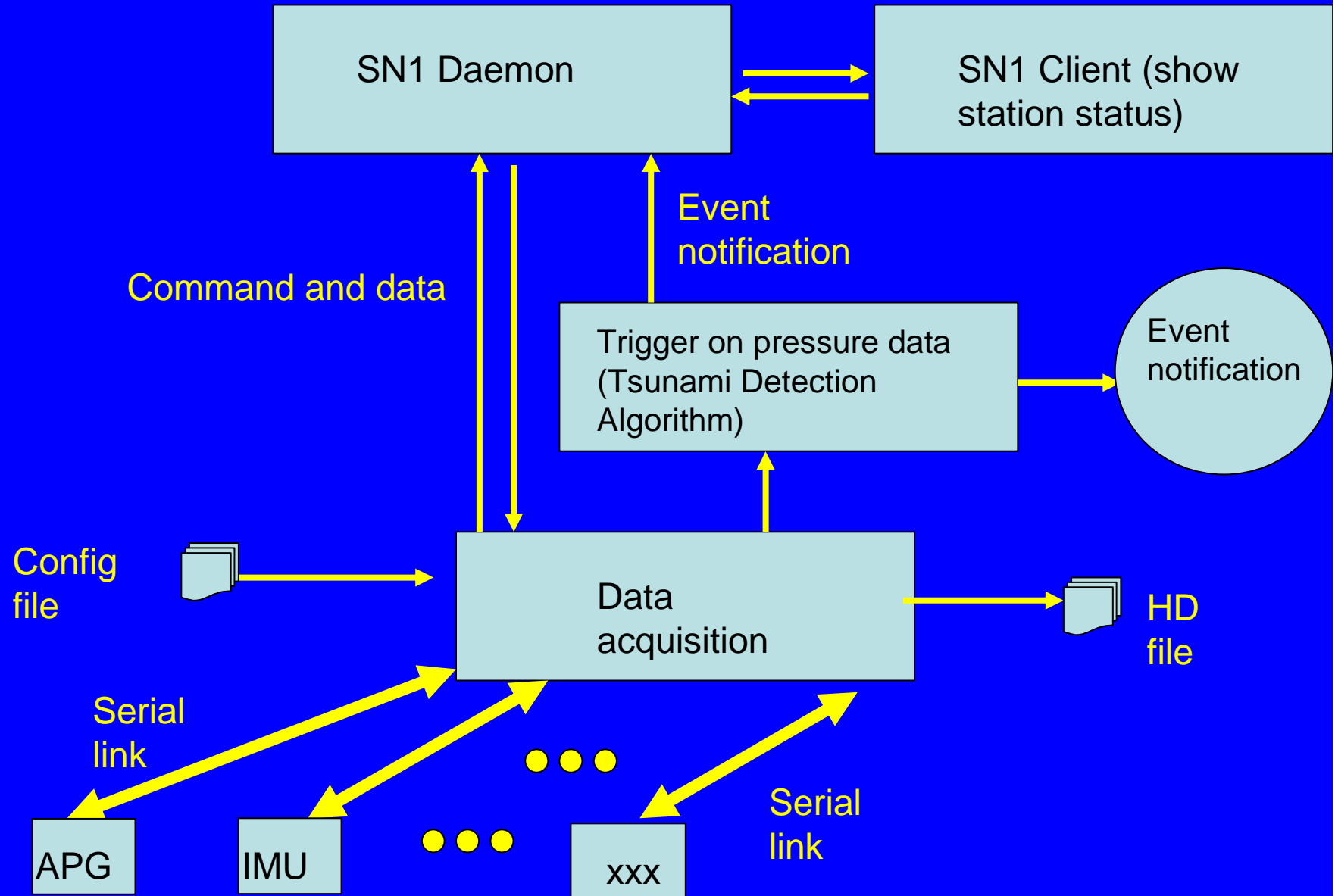
- Geophysical Scientific payload
- Data acquisition scheme

# LIDO SN1 data acquisition flow



Sensor	rate	acquisition	File closing
Seismometer	100Hz	GURALP SCREAM	hourly
DPG	100Hz		hourly
Hyd (OAS)	100Hz		hourly
Hyd (SMID)	2000Hz	SN1 SOFTWARE	hourly
IMU	200Hz		hourly
Currentmeter	5Hz		Hourly
Gravity meter	1Hz		daily/hourly
Scalar magnetometer	1Hz		daily/hourly
FluxGate	1Hz		daily/hourly
ADCP	1profile/hour		daily
CTD+Turb.	1smp/hour		daily
APG	15sec		daily

# Acquisition software server



# SN1DU remote management

- Guralp “Scream” software can manage seismometer and digitizer for maintenance. A Scream client running on a remote PC (i.e. at Rome) can manage scream running on SN1DU (to be verified)
- The station SN1DU can be managed by “human user” via remote SSH access (connection tested in June ‘09)

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