

WG: Information required to determine DAQ requirement.
PMT: pulse height spectrum
SAS: Quantify degradation to reco due to time resolution. PMT: provide TTS
SAS: Impact of loss of linearity on reco quality. PMT: Impact of space charge?
SAS, Calibration: What is maximum event rate?
SAS: What is the longest duration event?
SAS: What is required absolute timing stability for reactor, SN, SNEWS?
SAS: What is double pulse resolution required by reconstruction?
SAS: What inter-channel timing precision is needed for reconstruction?
SAS: What is PMT charge distribution? How large are largest hits?
SITE: Provide operating temperature of 0-40C for electronics.
LOGISTICS, PRO-CUREMENT: Provide transportation of electronics minimizing mechanical shock and extreme temperatures.
SITE: Provide 40-60% humidity level for electronics.
SAS: Confirm that noise at 50% of SPE threshold will not impact reconstruction.
SITE: Provide mains power conditioning as specified by DAQ WG.
PMT: Provide HV rampdown time to minimize possible damage to PMTs
SITE: Provide this level of sustained power.
SITE: Provide this peak power level.
SITE: Provide GPS timestamp.
SITE, SAS: Once SAS specifies trigger threshold, data bandwidth to surface can be estimated.
DAQ S/W, SAS: The in-situ storage for built events must be sufficiently large to store one week's data. Storage required depends on SAS-specified trigger threshold.
SITE: Provide space for up to 10 racks of electronics in the mine.
SITE, SAFETY: Provide mechanical and electrical connections of racks to floor/ground.
CAL: Information: External calibration triggers will be supported by DAQ.
LOGISTICS: Provide a unique identifier system for various units in the DAQ system, like PCB cards, crates, racks, etc.
SITE, CLEANLINESS: Comment on use of cadmium, zinc, tin in electronics.
PROCUREMENT: Provide commercial parts that will not operate in excess of 80% of manufacturer's spec.
PROCUREMENT: Provide high-reliability parts.
PROCUREMENT: Do not select parts with overlong procurement lead times.
PROCUREMENT: Do not exceed per-channel cost of a fully commercial DAQ solution (e.g., from CAEN)
PROCUREMENT: Provide parts from suppliers meeting high standards.
PROCUREMENT: Provide sufficient spares to enable construction of double the number of channels predicted to fail.

SITE: Provide underground storage for hot spares

SITE: Provide an electronics repair facility on the surface.