

Present: Bob Laxdal, Jens Dilling, Pat Walden, Gerald Morris, Greg Hackman, Peter Harmer, Marco Marchetto, Barry Davids, Doug Preddy, Colin Morton, Reiner Kruecken, Gordon Ball

Agenda:

- DESCANT
- GPS

Notes:

DESCANT (Gordon Ball, Bob Laxdal):

- GCB reviewed the space, storage, etc. requirements noting that the detectors are filled with scintillator-doped benzene. The Fire Marshall has okayed the storage of the DESCANT detectors as stored containers. Fireproof cabinets for the storage of individual detectors will need to be mounted to an interior wall for temperature stability.
- The detectors will normally be stored in the array frames. Assembly/storage stands for the frames have been designed to be stable in earthquakes, etc. The stands will be stored in the ISAC-II hall. JD asked about temperature stability in the hall; based on a quick discussion, it appears to range between $\sim 10^{\circ}\text{C}$ and $\sim 30^{\circ}\text{C}$.
- GCB showed a proposed location for the storage cabinets on the north half of the hall's east wall and a location for the assembly/storage stand under the cable trays supplying the TIGRESS shack. REL asked if there might be space available west of EMMA; that space is currently being used by TIGRESS and EMMA. MM asked if the vault could be used; access would have to be more carefully coordinated. It was noted that locating the storage stand under the cable tray would enforce a no-fly zone over them. After discussion, no better location was identified.
- GCB then showed the space requested for SCRF and cryomodules. The existing SCRF space in the northwest corner will still be needed, as will a comparably sized assembly area for accelerator (e-linac) cryomodules in the northeast corner. The space initially requested for an injector cryomodule will not be needed. REL noted

- that there is old equipment in that corner (magnets, neutron detectors, etc.) that could be removed to make space. It appears there is enough for DESCANT, SCRF and ACM assembly to co-exist.
- The DESCANT timeline has fire cabinets arriving in November and the assembly stand being delivered in January. There appears to be space to get started now. It was proposed to move the old equipment that is present into the ISAC-II vault.

GPS (Gordon Ball):

- GCB showed a potential location for a relocated GPS off ILE1 one periodic section beyond the 8π beamline (ILE1A). There is already a bender at that location (to the old GP2 location) but it would have to be reversed. If this is acceptable, GCB will talk to Rick Baartman to confirm the optics before proceeding further. No objections were noted.

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