

Science Support Infrastructure Requests (collected by contractor)

IT Infrastructure requested:

- 1) Year-round data capabilities - in the Dry Valleys (LTER and other,) at Moore's Bay (Steve Barwick for ARIANNA,) other locations (ANDRILL, etc.)
- 2) More through-put to the regional field data network infrastructure
- 3) Larger UPS capabilities for NASA (requested by NASA)

Field Facilities Infrastructure requested:

- 1) Dry Valley Camps:
 - Need to completely relocate/rebuild the Lake Bonney and Lake Fryxell Dry Valley camps.
 - An additional building is required at F-6 to separate lab and living spaces.
 - Lake Hoare will probably soon require the relocation of the old camp to higher ground.
 - New buildings at New Harbor since that is also an aging Jamesway camp.
- 2) Camp Crozier:
 - Need to build two new camp buildings at Cape Crozier and remove the old hut which has developed mold problems.
- 3) Mt. Erebus:
 - Need to build a berthing building and/or Rac-Tent at the LEH camp.
 - Safety shelter requested by the PI for parties working at Cones
- 4) Arrival Heights:
 - Need to build a new lab at Arrival Heights that has appropriate space and ventilation, and move COSRAY experiment electronics into it when it is completed.
 - Provide additional unheated space for the COSRAY detectors

Staging and Storage Space Infrastructure requested:

- 1) Additional BFC/Science Cargo cages - either a separate (but nearby) building is needed, and/or a complete re-build of the BFC/Science Cargo facilities designed to be much larger than what is currently shown in the future plans for these building replacements.
- 2) More indoor staging space with power, internet capability, and with drive in/out loading space
- 3) A more permanent space for support group like UNAVCO, PASSCAL, PGC, CRREL

KBA aircraft bubble window and/or belly port - for aerial photos from the Twin Otter and Basler.