

**Present assignments
at the
Mechanical Engineering Division**

P.U. Kamath

IIA In-House Scientific Meeting, April 12-13, 2007

Re Engineering of 30 inch/75cm Telescope.

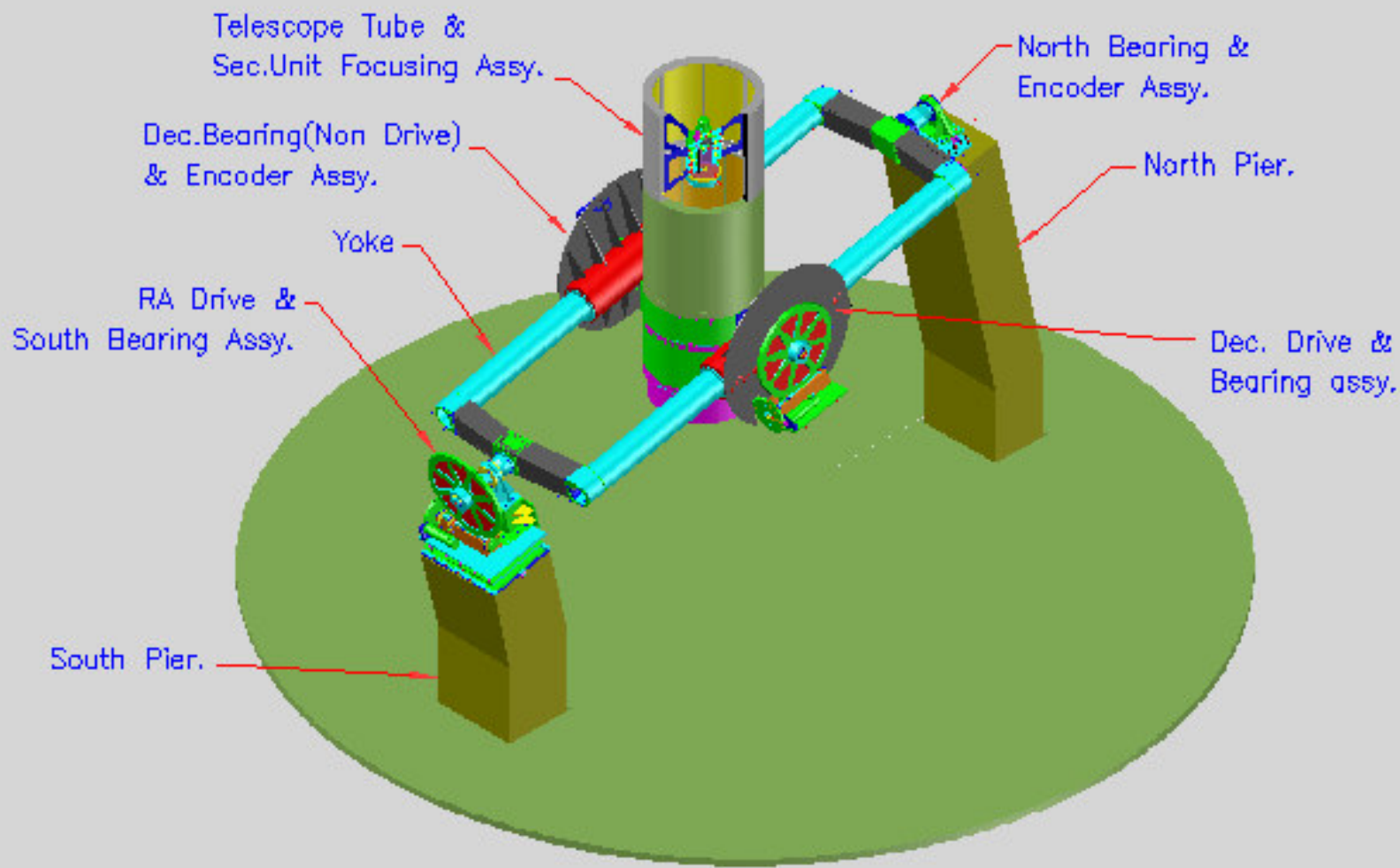
Design, analysis and detail engineering has been completed.

Order for the realization of the project has been placed on

M/s.SPM Pvt Ltd, Bangalore.

Work progress is satisfactorily.

Telescope is expected to be ready for shop testing by early July 2007.



| | | | | | |
|--|-------------------|---------------|----------|----------|--|
| Project | 30 Inch Telescope | TITLE | | | TELESCOPE GENERAL ASSLY ISOMETRIC VIEW. |
| All Dimensions are in "mm" unless otherwise specified | DR'N | 1982/08/08/08 | R/9/2008 | Scale | |
| | CHD | P.L.Kamath | | | |
| Indian Institute of Astrophysics BANGALORE 560 034 | | | | DRG. No- | 30-01-00 |
| | | | | Rev. RD | Sh: 1/2 |

High Altitude Gamma Ray telescope (HAGAR)

Installation of 7 units has been completed.

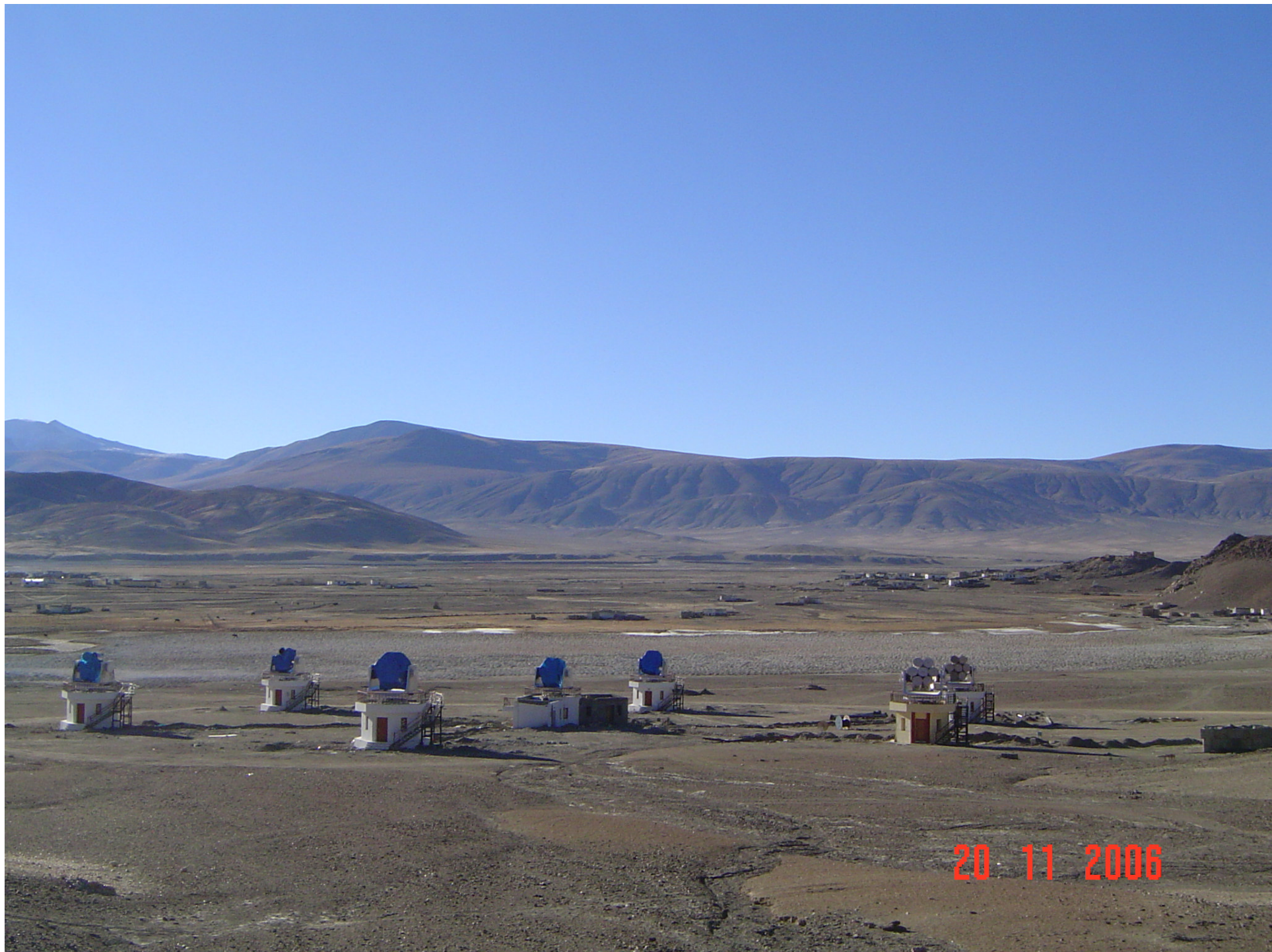
Testing and commissioning work is in progress.

Pending works will be completed in the coming season

Both Electrical/Electronics and Mechanical team will visit Hanle during early June07 to complete the pending works.



20 11 2006



20 11 2006

**Micro Thermal Tower for thermal studies.
NLST site characterization project.**

Design and Detail engineering has been completed.

Material procurement is in progress.

Fabrication will be carried out within the Institute.

3 Towers are expected to be ready by the end of May 07.

**Fabrication and Installation of Steel Tower required for
NLST site characterization project.**

Design is obtained from NSO.

**Feasibility study for the manufacture, supply and
installation has been completed.**

Tendering process is in progress.

Digitizer Equipment to digitize the data obtained at Kodaikanal Observatory.

Conceptual design/ report has been completed.

Shop survey for the design, manufacture and supply has been completed.

E tendering has been made.

Order for the same will be placed soon.

Digitizer Equipment is expected to be at site by early August 2007.

7" Coelostat system for White light Active Region Monitor.

Conceptual design/ report has been completed.

Shop survey for the design, manufacture and supply has been carried out.

Order for the same will be placed soon.

Coelostat system is expected to be ready by August 2007.