

ING Optical Bench Layout in GHRIL.

Issued by Kevin Dee. 10/12/2009

Introduction.

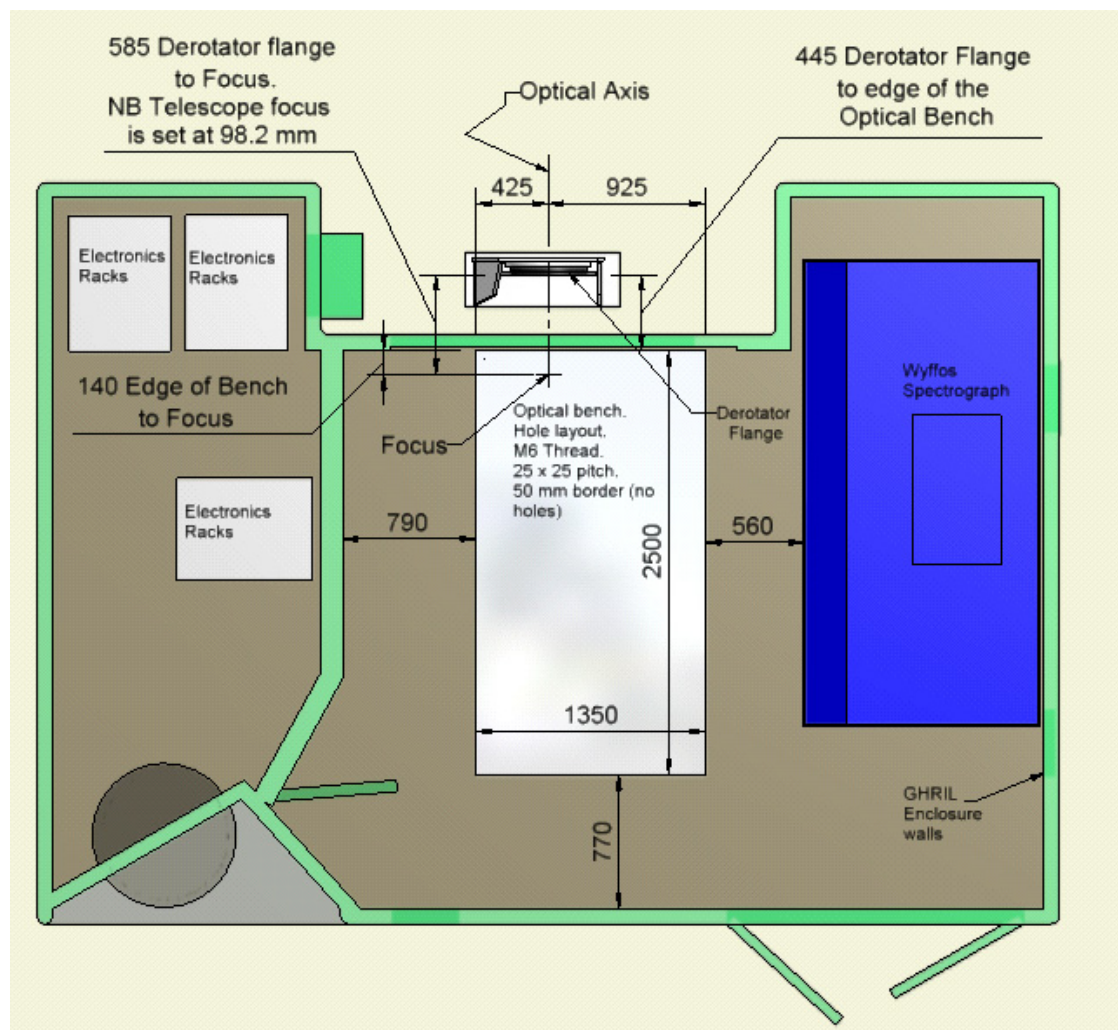
The inside wall of GHRIL Optics area has been moved towards the electronics room to accommodate a new test instrument called CANARY.

The default ING optical bench has been moved by 125 mm to the left away from the optical axis to improve access around the bench and give more flexibility for equipment setup. All other positional dimensions remain unchanged.

For the record the original position (Technical Note 81. 14th Aug 1991) of the ING bench WRT to the derotator flange is stated as 445 mm from flange to edge of bench, 595 mm from flange to focus and 300 mm from left of bench to optical path.

The focus is now defined (input from Tibor) as 585 mm from the derotator flange using a telescope focus of 98.2 mm. The optical path is 150 mm above the optical table

A plan view of the ING optical bench setup showing layout and dimensions is shown below.



All dimensions millimetres