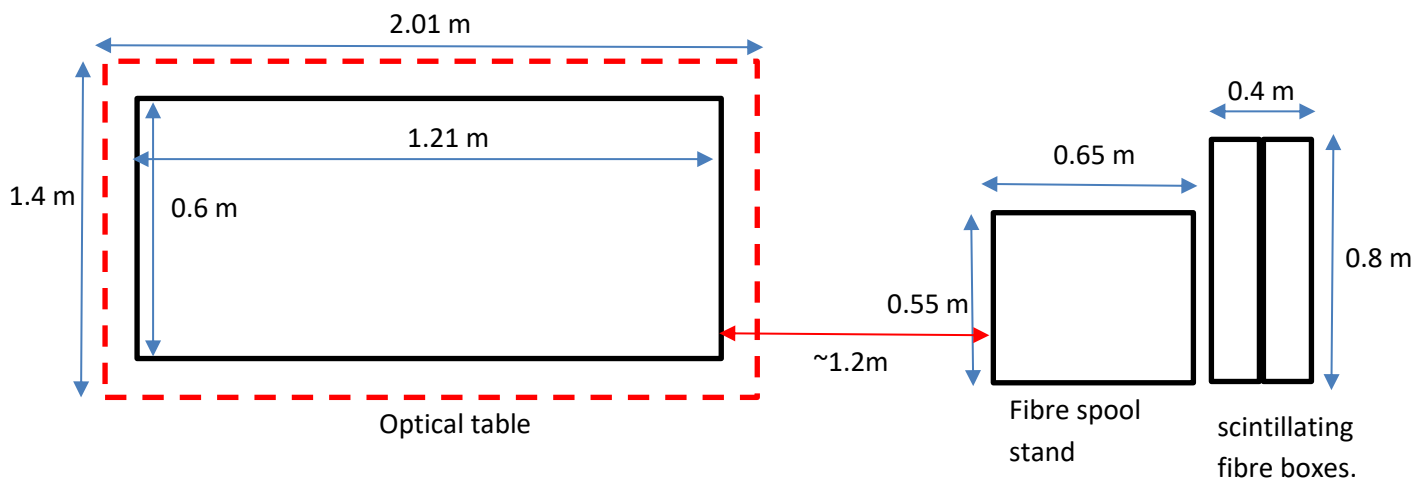


Protocol Covering the Move of the Scintillating Fibre Detector Development from Room 514 to 527

Items to be moved are

- Optical table and stand and the radiation source test rig.
- Scintillating fibre boxes.
- Fibre spool stand.
- Carboard box with miscellaneous equipment.

Footprint needed for the SciWire equipment:



Around the optical table is marked a clearance area. This is ideally 0.4m wide all the way round the table. The distance marked between the fibre spool stand and the optical table is used to allow the fibre to slacken when winding. This is ideally 1-1.5m and can be in the direction marked or perpendicular to the table.

527 needs to be prepared for the scintillating fibre winding work. This involves covering all light sources (windows, fluorescent lights, etc.) with the UV and yellow light filters. The doorway should be curtained off to allow access in and out of the lab when the fibres are exposed.

Optical table and the radiation source test rig

The optical table measures 0.6x1.21m and sits on a stand. The table is not fixed to the stand, so care needs to be taken when moving it. Fixed to the table are the radiation test rig and the fibre winding jigs. The fibre winding spool bolted to the optical table overhangs the table by 3cm so care should be taken when handling the table in this region. The cables coming out of the radiation rig should be secured before moving. There is no radiation source in the rig, so no radiation protection precautions are needed. Care should be taken when lifting as the table is heavy and requires more than one person to lift it safely.

Scintillating fibre boxes

Two cardboard boxes of scintillating fibre need to be moved. Care should be taken not to squash the boxes or open them as the contents are fragile and sensitive to light.

Fibre spool stand

No special precautions other than care when lifting.

Cardboard box

No special precautions other than care when lifting. The box can be placed under the optical table after moving to 527.