

Appendix B

TELESCOPE INSTRUMENTATION

The INT and JKT are equipped with a restricted set of instruments that match the capabilities of the telescopes whilst satisfying the requirements of a large percentage of users. The number of instrument changes on these telescopes is kept to a minimum in order to reduce costs and increase reliability. The design of the WHT allows much greater flexibility, since it is straightforward to switch between the Cassegrain and the two Nasmyth focal stations, and a much greater variety of instruments may be left on the telescope. A broad functional division between the WHT, INT and JKT during 2000 and 2001 was as follows:

William Herschel Telescope	Spectroscopy and spectropolarimetry over a wide range of resolving powers Multi-object spectroscopy Areal spectroscopy CCD and infrared imaging High-resolution imaging and other projects in a laboratory environment
Isaac Newton Telescope	Intermediate- and low-dispersion spectroscopy CCD imaging
Jacobus Kapteyn Telescope	CCD imaging

The following table summarises the common-user instruments which were available during 2000 and 2001.

Focus	Instrument	Detector
William Herschel Telescope		
Cassegrain	ISIS double spectrograph	Tektronix and EEV CCDs
	Acquisition and Guidance Unit Auxiliary Port Camera	Tektronix CCD
	Isaac Newton Group Red Imaging Device (INGRID)	Rockwell HgCdTI array
Nasmyth	Ground Based High Resolution Imaging Laboratory (GHRIL)	Tektronix and EEV CCDs
	Utrecht Echelle Spectrograph (UES)	SITe CCD
	INTEGRAL spectrograph	Tektronix CCD (WYFFOS at GHRIL)
Prime	Prime Focus Camera (PFC)	2 × EEV CCD
	Autofib Fibre Positioner (AUTOFIB-2)	Tektronix CCD (WYFFOS at GHRIL)
Isaac Newton Telescope		
Cassegrain	Intermediate Dispersion Spectrograph (IDS)	Tektronix and EEV CCDs
Prime	Wide Field Camera (WFC)	4 × EEV CCDs
Jacobus Kapteyn Telescope		
Cassegrain	CCD camera	SITe CCD