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 is as follows:

WHT	Spectroscopy and spectropolarimetry over a wide range of resolving powers
	Multi-object spectroscopy
	Areal spectroscopy
	CCD imaging
	Infrared imaging
	High-resolution imaging and other projects in a laboratory environment
	Fabry-Perot imaging spectroscopy
INT	Intermediate- and low-dispersion spectroscopy
	CCD imaging
JKT	CCD imaging

The following table summarises the common-user instruments which were available during 1999.

Focus	Instrument	Detector
William Herschel Telescope		
Cassegrain	ISIS double spectrograph	Tektronix and EEV CCDs
	TAURUS Fabry-Perot imager	Tektronix and EEV CCDs
	Low Dispersion Survey Spectrograph (LDSS-2)	SITe CCD
	CCD imager (Acquisition and Guidance Unit Auxiliary Port)	Tektronix CCD
	TAURUS CCD imager (f/2 or f/4)	Tektronix and EEV CCDs
Nasmyth	Ground Based High Resolution Imaging Laboratory (GHRIL)	Tektronix and EEV CCDs
	Utrecht Echelle Spectrograph (UES)	SITe CCD
	INTEGRAL	Tektronix CCD (WYFFOS at GHRIL)
Prime	Prime Focus Camera	Tektronix and EEV CCDs
	Autofib Fibre Positioner (AUTOFIB-2)	Tektronix CCD (WYFFOS at GHRIL)
Isaac Newton Telescope		
Cassegrain	Intermediate Dispersion Spectrograph (IDS)	Tektronix and EEV CCDs
	Faint Object Spectrograph (FOS-1)	Loral CCD
Prime	Wide Field Camera	4 × EEV CCDs
Jacobus Kapteyn Telescope		
Cassegrain	CCD camera	Tektronix and SITe CCDs