NITEOWL Optics Team November 1, 1996

Spectral coverage:	450 - 750 nm (blocking filter)
Absorbing species:	O_3, possibly NO_2 above 30 km
Scattering effects:	molecular (Rayleigh) scattering, aerosol (Mie) scattering
Refraction effects:	negligible
Spectral resolution:	5 nm per pixel on CCD; 2.5 nm per pixel (?) on intensifier
Auroral emissions:	Notch filters an option if necessary, but not a clean solution
Optics:	40º field of view (horizontal and vertical)
Wavelength Dispersion:	Low-resolution transmission grating
Layout:	Side-viewing, no mirrors (see diagram)
Focusing lens:	TBD