



FIGURE 5

	GROUND-BASED		IN ORBIT			
	200" (MT. PALOMAR)	16"	18"	38"	60"	120"
EFFECTIVE RESOLUTION (MILES)						
MOON	.3	.3	.3	.14	.09	.05
MARS	50	50	50	20	13	7
DETECT STAR PLANETS	NO	NO	NO	NO	?	POSSIBLY
SPECTRAL RANGE	VISUAL		VISUAL PLUS INFRA-RED AND ULTRAVIOLET			
REQUIRED STABILIZATION (ARC-SEC)	±0.1-0.2	±0.2	±0.2	±0.1	±0.05	±0.025
APPROXIMATE WEIGHT OF TELESCOPE (LBS)	1,000,000		500	1000	4000	30,000

FIGURE 6