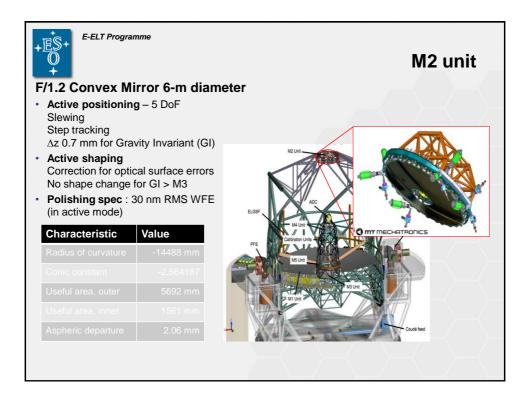
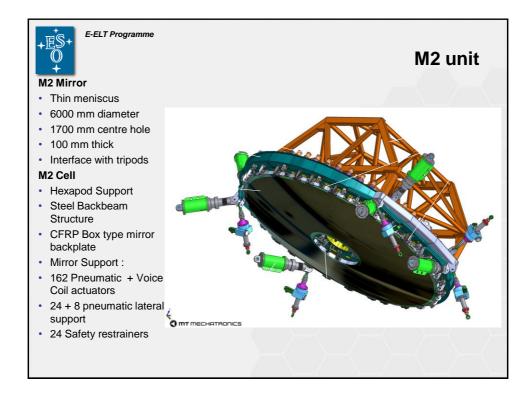
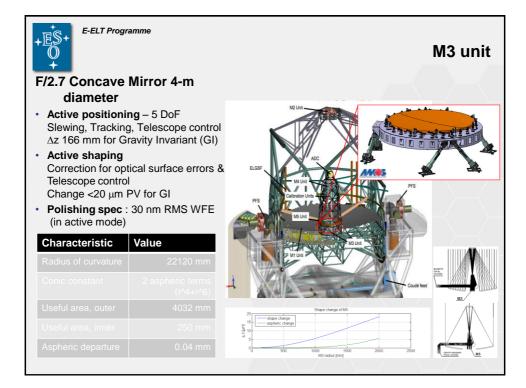


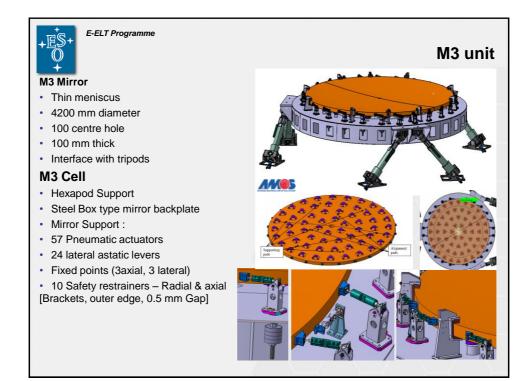


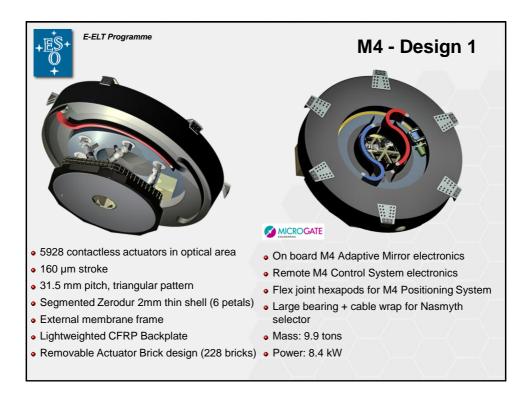
+ES+ O Edge Senso			M1 E					
6 Emitters + 6 Receivers per Segment								
Inductive sensing technology :								
Emitter & receiver Silver-palladium coils embedded in ceramic (Boron Nitride) • Mechanics : casted low CTE Boron Nitride ceramic (metal free)								
detection and dig	• • • •	front-end electronics for Piston	Gap & Shear	ESAT ESSR ESST				
	Catching range							
Linearity			1 ±1 % (over ≤1 mm)	Emitter				
		≤ 1 nm/√(Hz) [goal 0.2]		Emitter Receiver Front -end				
Drift				Peopler unt Toweniter unt  Toweniter unt Toweniter unt				
				India Charles and a second and a				
Humidity sensitivity	-							
				Electronice Baseline Goundants				

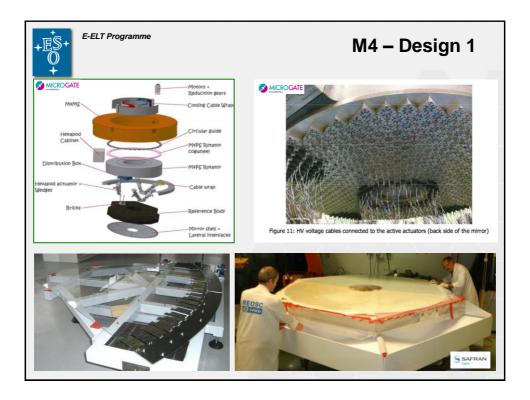


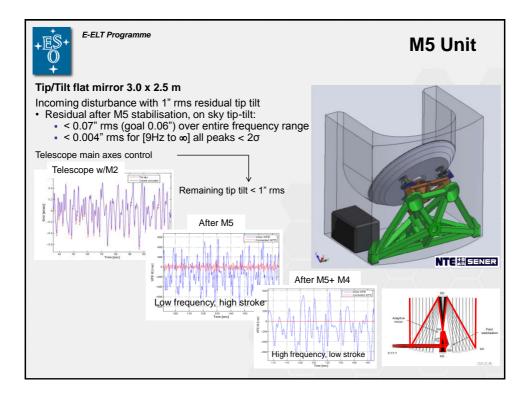


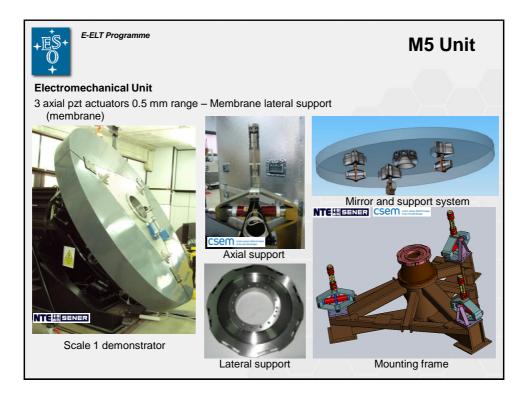












+ES+ 0	me	M5 Unit		
Mirror Monolithic - Ultra light	Hz	CORNING	Closed-back ULE® Mirror with Abrasive Water Jet (AWJ)	
Requirement	Specified value			Lightweight Square Core – Low temperature
Mech	anical			fusion
Dimensions (clear ap.)	2388 x 2978 mm			/
Central hole (clear ap.)	151 x 183 mm		SAFRAN	ANY9 12.0
Thickness	300 mm (TBC wrt design)			Y
Areal density	90 kg/m <sup>2</sup> , 60 kg/m <sup>2</sup> goal	SiC brazed petals with		32
First Eigenfrequency	~ 300 Hz	CVD SiC layer		S. B.
Optica	I (WFE)			A VANA TATA
Optical quality (scale > 40 mm)	< 1 µm P-V		BOOSTEC	,
Static mode distortion (scale > 40 mm) (Additional : thermal, gravity)	< 500 nm RMS	6		Ultralightweight
Obs. mode distortion (scale > 40 mm)	< 200 nm RMS			machined Zerodur ® Substrate
Optical quality (scale < 40 mm)	<15 nm RMS		SCHOTT	$\langle \rangle - \langle \rangle$

