Parameter	SGO High	SGO Mid	SGO Low	SGO Lowest
Arm length (meters)	5×10^9	1×10^9	1×10^9	2×10^9
Constellation	Triangle	Triangle	Triangle (60-deg Vee)	In-line: Folded SyZyGy
Orbit	22° heliocentric, earth-trailing	9° heliocentric, earth drift-away	9° heliocentric, earth drift-away	≤9° heliocentric, earth drift-away
Trajectory	Direct injection to escape, 14 months	Direct injection to escape, 17 months	Direct injection to escape, 17 months	Direct injection to escape, 18 months
Interferometer configuration	3 arms, 6 links	3 arms, 6 links	2 arms, 4 links	2 unequal arms, 4 links
Launch vehicle	Medium EELV (e.g., Falcon Heavy shared launch)	Medium EELV (e.g., Falcon 9 Block 3)	Medium EELV (e.g., Falcon 9 Heavy shared launch)	Medium EELV (e.g., Falcon 9 Block 2)
Baseline/Extended Mission Duration (years)	5/3.5	2/2	2/2	2/0
Telescope Diameter (cm)	40	25	25	25
Laser power out of telescope end of life (W)	1.2	0.7	0.7	0.7
Measurement system modifications	Baseline/Reference (Same as LISA Concept)	In-field guiding, UV-LEDs, no pointing	4 identical spacecraft with one telescope each, In-field guiding, free space backlink, UV-LEDs, arm locking	3 spacecraft with one telescope each, episodic thrusting, in-field guiding, next gen micronewton thrusters, no prop module
Motivation:	LISA performance with all known economies	lowest cost 6 links	Lowest cost with viable science return	Lowest Cost
Estimated Cost ($B)	1.66	1.40	1.41	1.19