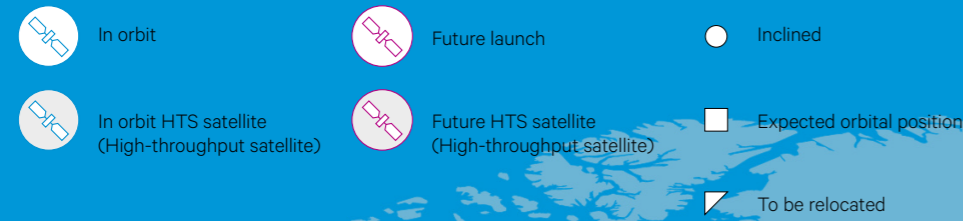


**SES SATELLITE FLEET**



**SES NETWORK**



**Additionally, we have nine satellites flying secondary missions:**

ASTRA 1D, ASTRA 1F, ASTRA 1G, ASTRA 1H, ASTRA 2A, ASTRA 2B, ASTRA 2C, ASTRA 2D, ASTRA 3A.

MEO satellites orbit at 8000km above the Earth's surface; they rotate faster than the Earth and, therefore, hand-off their service as they orbit.

Fleet configuration is based on current planning and is subject to change. SES holds a 70% interest in Ciel Satellite Limited Partnership and a 100% ownership interest in QuetzSat. Yahsat 1A's Ku-band payload is owned by YahLive, where SES holds a 35% ownership interest. MonacoSAT is a partner satellite with transponders onboard TurkmenAlem at 52°E. SES-17 expected to launch in 2021.

- \* Procured by LuxGovSat
- \*\* SES-9 at 108.2E vicinity
- \*\*\* MEO standard service area extended to +50 degrees post launch & integration of the next four O3b satellites (exp. June '18)

