

# HYPERSPECTRAL, MEDIUM-RESOLUTION\* SPACECRAFT

## Agricultural, Urban, Land, Coastal and Coral Reef Ecological Assessments

<u>SATELLITE</u>	<u>SPONSOR</u>	<u>OCEAN-RELATED SENSORS TECHNICAL DETAILS &amp; COMMENTS</u>	<u>LAUNCH</u>	<u>STATUS</u>
EO-1 (Earth Orbiter) (Hyperspectral)	NASA	MS/ALI (6 [LANDSAT/ETM+] & 3 bands) 30m resolution, 37km swath PAN/ALI, 10m resolution, 37km swath Hyperion/HS (0.4-2.5 $\mu$ m, 220 bands) 10m resolution, 7km swath width LAC/HS (0.9-1.6 $\mu$ m, 256 bands) 250m resolution, 185km swath width	April 13, 2000	Approved
NEMO (Navy Earth Map Observer) (Hyperspectral)	US Navy Space Systems Loral	HS (COIS, 210 bands), 30m resolution, 30km swath PAN, 5m resolution	June 2001 Russian Rocket Launch	Approved
ARIES-1 (Australian Resource Information & Environmental Satellite) (Hyperspectral)	AUSTRALIA (Auspace Ltd.)	HS (96 bands), 30m resolution, ~15km swath PAN, 10m resolution Sun sync. orbit	Early-2002+	Approved

\*Resolution is ~10-30m