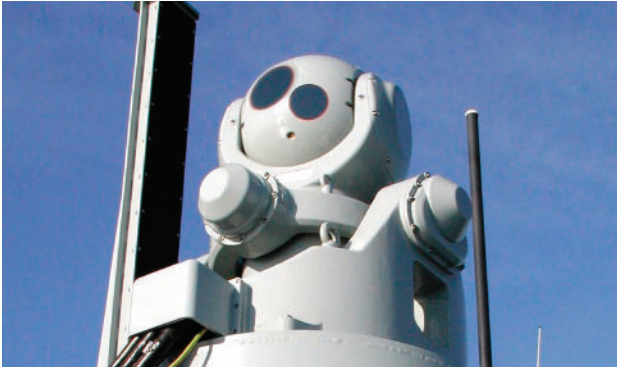


AT SEA

PROVIDING NAVIGATION, IMAGING AND SAFE LANDING CAPABILITY FOR SEA OPERATIONS.

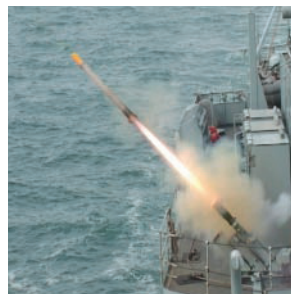


SELEX Galileo technologies in electronic warfare provide military and government naval forces with unrivalled detection, identification capability to both detect and defeat hostile actions.

Safe approach and landing, even in extreme conditions, is imperative for air crews of the Italian and UK air carriers Cavour, Royal Ark, Royal Illustrious. The selection of the SPN 720 confirms SELEX Galileo technological excellence with a worldwide track record in fixed and mobile PAR applications. SELEX Galileo electronic warfare sub system, SIREN, is an active radar decoy which electronically jams the guidance systems of incoming missiles.

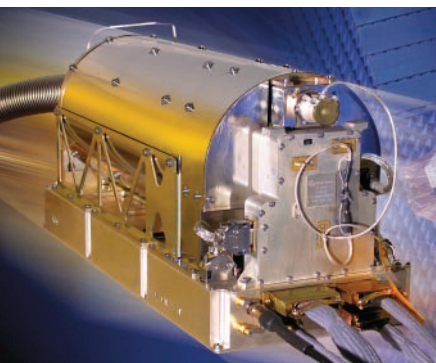
When silent mode is required, the infrared search and tracking technology performs tasks ranging from search and track of multiple threats and continuous visual panoramic or local surveillance around the ship by means of a real-time panoramic picture. This is possible through the Silent Acquisition and Surveillance System (SASS). The SPN-730, a Low Probability of Intercept (LPI) navigation radar completes the full detection capability combined with silent mode. SELEX Galileo's excellence in electro-optics is fully exploited for maritime requirements with the electro-optical aiming and anti-aircraft sight JANUS.

Our naval capability is readily networked and interoperable through the battlespace with civil and armed forces.



AT SEA, OUR SYSTEMS OFFER THE WORLD'S NAVIES AND COAST GUARDS BEST PROTECTION, DETECTION, SECURITY AND RESPONSE.

IN SPACE



With a presence in the European Space industry since its dawn in the sixties, SELEX Galileo leverages its unique expertise in the development and production of qualified optical payloads, RF equipment, photovoltaic assemblies, power conditioning and distribution units and robotic arms. SELEX Galileo has delivered

innovative space sensors and sub-systems to international customers including the European Space Agency (ESA), the Italian Space Agency (ASI), NASA.

SELEX Galileo's spectrometers are on board the main Earth Observation and monitoring programmes including METOP and GMES (Sentinel 3), as well as on the most challenging scientific missions for the study of the Universe like NASA/ASI mission 'DAWN' and NASA/ESA/ASI mission "Cassini/Huygens".

An extensive experience in optical technology sets SELEX Galileo at the leading edge of space attitude sensors: the family of multipurpose and fully autonomous star trackers are currently

on board LEO and GEO satellites as well as deep space probes like NASA's Pluto while the IRES-NE Infrared Earth sensor is the baseline attitude sensor for the Galileo navigation system.

The Galileo navigation precise positioning is based on the Passive Hydrogen MASER (PHM) developed by SELEX Galileo. The PHM atomic clock presents outstanding timing stability and will be the master clock of each of the 30 satellites composing the constellation.

SELEX Galileo's Photovoltaic Assembly and Power Regulation and Distribution units are on board the most important satellites and probes of ESA and ASI missions like Rosetta, Herschel/Planck, ADM-Aeolus, ATV, Cosmo/Skymed and Pleiades.

SELEX Galileo is involved in all the on-going European programs for planetary exploration and space robotics such as Rosetta, ExoMars, Aurora, with the responsibility for drilling and sample manipulation and distribution subsystem.

