

## Canada to employ Leonardo Osprey radar in environmental protection role

- **Transport Canada's National Aerial Surveillance Program (NASP) will use the multi-domain Osprey radar as it conducts operations along Canada's coastline**
- **Supporting environmental protection activities, Osprey has the ability to identify oil spills and rogue polluters at very long range, day or night**
- **ST Airborne Systems will integrate the Osprey radar, as one of the key sensors in their MSS 7000 system, onto one of NASP's iconic red Dash-8 aircraft**

**Rome, 1st September 2021** – Transport Canada's National Aerial Surveillance Program (NASP) is set to benefit from the advanced surveillance capabilities of Leonardo's Osprey radar. Crews conducting missions to help Canada stay safe will benefit from the radar's powerful oil-spill detection and vessel tracking capabilities.

Osprey is Leonardo's latest-generation E-scan (electronically-scanning) surveillance radar which employs a digital beam to almost-instantaneously detect, track and classify hundreds of maritime contacts, in 360 degrees around the aircraft.

ST Airborne Systems will integrate the Osprey radar onto one of NASP's iconic red Dash-8 aircraft, based in Ottawa. The multi-domain nature of Osprey makes it ideally suited to supporting NASP's environmental protection mission in mixed environment operations along Canada's coastline.

One of the key goals of Transport Canada's NASP is to prevent pollution in Canadian waters, protecting the maritime environment and endangered marine life. The Osprey radar will be a powerful new tool in the delivery of this mission, with the ability to identify oil spills and rogue polluters at very long range, day or night.

Transport Canada also flies into action to save lives during search and rescue incidents for which Osprey is uniquely suited. The radar comes equipped with Leonardo's patented small target detection capability, allowing it to locate shipwrecked individuals in the water at long range, even in the most difficult environmental conditions and sea states.

The radar's portfolio of modes will also be able to contribute to national security events, police investigations, humanitarian efforts, and civil emergencies.

Customers in 30 countries have selected Leonardo's E-scan radars including the Seaspray and Osprey families. The UK Maritime and Coastguard Agency (MCA) is upgrading to the Osprey radar and the US Navy has procured the Osprey 30 radar for its Fire Scout unmanned helicopter programme.

---

**Leonardo**, a global high-technology company, is among the top world players in Aerospace, Defence and Security and Italy's main industrial company. Organized into five business divisions, Leonardo has a significant industrial presence in Italy, the United Kingdom, Poland and the USA, where it also operates through subsidiaries that include Leonardo DRS (defense electronics), and joint ventures and partnerships: ATR, MBDA, Telespazio, Thales Alenia Space and Avio. Leonardo competes in the most important international markets by leveraging its areas of technological and product leadership (Helicopters, Aircraft, Aerostructures, Electronics, Cyber Security and Space). Listed on the Milan Stock Exchange (LDO), in 2020 Leonardo recorded consolidated revenues of €13.4 billion and invested €1.6 billion in Research and Development. The company has been part of the Dow Jones Sustainability Index (DJSI) since 2010 and has been named as sustainability global leader in the Aerospace & Defence sector for the second year in a row of DJSI in 2020.