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PRESS RELEASE

Leonardo grows its footprint in Africa with new air traffic control systems and technology upgrades

- **Somalia and Sudan will receive new systems that will improve the efficiency and safety of their air traffic control capabilities**
- **Leonardo has developed, manufactured and installed more than 300 air traffic management and control centres around the world**
- **The company's 50 years of experience in the domain includes the provision of complete air traffic control systems and the supply of primary and secondary surveillance radars, weather radars and operator stations**

Accra, 24 October 2017- Leonardo has made further gains in the African Air Traffic Control (ATC) domain, announcing at African Air Show 2017 today that the company has signed two contracts to provide ATC systems for Somalia and Sudan.

The first contract was signed in Montreal with the International Civil Aviation Organisation (ICAO) on behalf of the Federal Government of Somalia. Leonardo, with the support of its local subsidiary Selex ES Technologies Limited (SETL, based in Kenya), will provide a national Area Control Centre (ACC) as well as three tower control centres for three major airports, for a total of 16 operator control positions, along with a VHF radio system and satellite network. The systems will be operational by mid-2018 and will guarantee the total management and control of the Somali air traffic. The national area control centre will integrate a wide range of products and tools to comply with various operational requirements and Air Traffic Management environments, ranging from large, nation-wide, en-route area control centres to small approach and tower control units.

Leonardo will also provide the Sudan Civil Aviation Authority (SCAA) with a nation-wide ADS-B network and will upgrade four secondary radar systems, which SCAA acquired in 2009 from Leonardo and are currently operational in Khartoum, Port Sudan, Dongola and El Obeid. The Automatic Dependent Surveillance-Broadcast (ADS-B) is a surveillance technology in which an aircraft determines its position via satellite navigation and periodically broadcasts it, enabling it to be tracked. Leonardo ground stations receive information about altitude, airspeed, and location derived through GPS from an equipped aircraft. This allows air traffic controllers use the information to "see" participating aircraft in real time, improving traffic management. The secondary radars will be upgraded to the SIR-S/I model to guarantee unambiguous aircraft identification, improved situational awareness and safety enhancements, with embedded ADS-B functionality in a smaller system that is easier to maintain. The systems and the upgrade will be commissioned starting mid-2018

Leonardo's ATC systems are very well known in the African continent having the company supplied radar and systems for Air Trafic management in Ethiopia, Morocco, Senegal, Kenia. With over 50 years of experience, Leonardo has developed, manufactured and installed more than 300 air traffic management and control centres. The company has also provided more than 80 simulators, delivering advanced air traffic control training worldwide. More than 700 primary or secondary surveillance radars (including Mode-S) have been sold, as have more than 2000 operator stations and 1000 navigation

systems. Helping manage the effect of weather on flights, Leonardo has provided more than 160 weather radars and more than 40 automated weather observation systems.

Third generation radio stations provided by the company offer customers a multimode communications capability that can transmit both voice and data simultaneously. Leonardo communications systems are present at over 600 airports around the world.