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SCHIEBEL CAMCOPTER® S-100 AND NORDIC UNMANNED MONITOR SHIP EMISSIONS FOR EMSA IN FRANCE

Vienna, 28 September 2020 – Schiebel, together with partners Nordic Unmanned and the NORCE Research Institute AS, is operating the CAMCOPTER® S-100 to monitor ship emissions for French Maritime Authorities.

The service providers for this French deployment cover ship sulphur emission monitoring in one of the world's busiest shipping lanes in the strait of Pas-de-Calais. The operation started on 23 September and will run for three months.

The Unmanned Air System (UAS) CAMCOPTER® S-100 specifically measures the ships' sulphur emissions to check compliance with the EU rules governing the sulphur content of marine fuels. Measurements are transmitted in real time through the EMSA RPAS Data Centre to the relevant authorities.

The Remotely Piloted Aircraft System (RPAS) service is offered by the European Maritime Safety Agency (EMSA). As part of this contract, Schiebel provides various maritime surveillance services for EMSA to several EU member states and EU bodies. Currently, the CAMCOPTER® S-100 is also operational in Denmark for emission monitoring purposes, as well as in Finland supporting coast guard functions.

In addition to the EMSA contract, the S-100 is being operated by the French Navy to conduct maritime surveillance.

The S-100 has a flight endurance of more than six hours and operates day and night. It is equipped with an Explicit mini sniffer sensor system, an Electro-Optical / Infra-Red (EO/IR) camera gimbal and an Automatic Identification System (AIS) receiver.

Hans Georg Schiebel, Chairman of the Schiebel Group, said: "Due to its multi-payload capacity, the applications for the S-100 are limitless. The sulphur sniffing capability is one of the latest innovations and we are very proud to play such an important role in enforcing marine fuel sulphur content regulations."

About Schiebel:

Founded in 1951, the Vienna-based Schiebel Group focuses on the development, testing and production of state-of-the-art mine detection equipment and the revolutionary CAMCOPTER® S-100 Unmanned Air System (UAS). Certified to meet AS/EN 9100 standards, Schiebel has built an international reputation for producing quality defence and humanitarian products, which are backed by

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exceptional after-sales service and support. With headquarters in Vienna (Austria), Schiebel now maintains production facilities in Wiener Neustadt (Austria) and Abu Dhabi (UAE), as well as offices in Washington, DC (USA) and Shoalhaven (Australia).

About the CAMCOPTER® S-100:

Schiebel's CAMCOPTER® S-100 Unmanned Air System (UAS) is an operationally proven capability for military and civilian applications. The Vertical Takeoff and Landing (VTOL) UAS requires no prepared area or supporting equipment to enable launch and recovery. It operates by day and by night, under adverse weather conditions, with a beyond line-of-sight capability out to 200 km / 108 nm, over land and sea. Its carbon fiber and titanium fuselage provides capacity for a wide range of payload/endurance combinations up to a service ceiling of 5,500 m / 18,000 ft. In a typical configuration, the CAMCOPTER® S-100 carries a 34-kg / 75-lbs payload up to 10 hours and is powered with AVGas or JP-5 heavy fuel. High-definition payload imagery is transmitted to the control station in real time. In addition to its standard GPS waypoint or manual navigation, the S-100 can successfully operate in environments where GPS is not available, with missions planned and controlled via a simple point-and-click graphical user interface. The high-tech unmanned helicopter is backed by Schiebel's excellent customer support and training services.

About Nordic Unmanned

Nordic Unmanned delivers comprehensive data solutions through industry leading expertise, to assist both public and private customers in the transition to unmanned technology. The focus is to support demanding clients by collecting time-critical data with the use of UAV. Founded in 2014, the company has offices in Stavanger, Oslo, and Frankfurt, and has quickly become one of Europe's leading UAV operators with operations across the continent. The company is ISO 9001-2015 certified by DNV-GL as a UAV and sensor operator. For more information visit nordicunmanned.com

EMSA's press release about the operation: <http://emsa.europa.eu/news-a-press-centre/press-releases/item/4033-sniffer-drone-deployed-in-the-strait-of-pas-de-calais-to-monitor-ship-emissions.html>

For further information, please contact us:

Tel: +43 (1) 546 26-44
Email: helen.nassey@schiebel.net
www.schiebel.net