

## **SCHIEBEL CAMCOPTER® S-100 AND NORDIC UNMANNED MONITOR SHIP EMISSIONS FOR EMSA IN DENMARK**

**Vienna, 16 July 2020 – Schiebel, together with partner Nordic Unmanned, is supporting the Danish Maritime Authority (DMA) and the Danish Environmental Protection Agency (DEPA) by using the CAMCOPTER® S-100 to monitor ship emissions in Danish waters. The Remotely Piloted Aircraft System (RPAS) service is offered by the European Maritime Safety Agency (EMSA).**

The 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 to the EMSA RPAS Data Centre and to THETIS EU in Portugal, which creates alerts to be followed up by authorities.

The service providers for this Danish deployment covering the Great Belt are Nordic Unmanned, NORCE Research Institute AS and Schiebel. The Schiebel CAMCOPTER® 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 L3 Wescam Electro-Optical / Infra-Red (EO/IR) camera gimbal and an Automatic Identification System (AIS) receiver.

Schiebel provides various maritime surveillance services for EMSA to several EU member states and EU bodies. Currently, the CAMCOPTER® S-100 is also operational for the Republic of Croatia as well as Finland.

Hans Georg Schiebel, Chairman of the Schiebel Group, said: "After our successful sulphur sniffing demonstration in January, we're proud to be EMSA's chosen UAS for these important and complex operations. It goes to show, that the maritime experience and pedigree of the CAMCOPTER® S-100 is second to none."

Knut Roar Wiig, CEO of Nordic Unmanned AS, said: "It's great to be back in Denmark supporting Danish authorities in the prevention of marine air pollution. We are very impressed by the performance of the CAMCOPTER® S-100 and its small and effective logistical footprint, in addition to the support from the Schiebel Group. Based on our team's experience and track record, the BVLOS flight permit for this deployment in Denmark was secured in only a week's time."

### **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

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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 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](http://nordicunmanned.com)

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