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SCHIEBEL CAMCOPTER® S-100 IMPRESSES AT SULPHUR SNIFFER CAPABILITY TEST

Vienna, 2 March 2020 – Schiebel, together with partner Nordic Unmanned, successfully completed a two-day test of its sniffer capability on board the CAMCOPTER® S-100 UAS in the shipping lane outside Griben, Denmark.

Ships operating in Europe's busiest sea routes are permitted to emit exhaust fumes with a sulphur oxide content limited to no more than 0.1 percent. Amongst other solutions that were put in place to enforce this International Maritime Organisation (IMO) 2020 regulation, one option is to use Unmanned Air Systems (UAS), such as the CAMCOPTER® S-100, equipped with a sulphur sniffer. The UAS flies through the ship's exhaust plume to measure the sulphur emissions and uses its Automatic Identification System (AIS) to identify the ships.

The CAMCOPTER® S-100 performed two successful flights of about four hours during the trial and provided compliant measurements of sulphur emissions. The certified sniffer provides live readings of the sulphur level in the ship's exhaust plume.

In addition to the sulphur sniffer and the AIS, the CAMCOPTER® S-100 was equipped with an L3 Harris Wescam MX-10 real-time Electro-Optical/Infra-Red (EO/IR) camera.

Knut Roar Wiig, CEO at Nordic Unmanned said: "Due to the extensive operational experience in the maritime area as well as its endurance and ease of deployment, the CAMCOPTER® S-100 is the ideal aircraft to sniff out the polluters. The measurement test scored 10 out of 10 points and we demonstrated our capability as an operator and ability to quickly get the required authorisations to deploy and fly the service. We really look forward to helping maritime authorities in Europe and other parts of the world to enforce the IMO 2020 regulation by deploying our crew and the CAMCOPTER® S-100 to conduct sulphur emission monitoring. If a ship is not following the regulations, we will definitely sniff it out."

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 defense 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

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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:

Founded in 2014, the Norwegian based drone company has quickly become one of Europe's leading UAV operators. The focus is to support demanding governmental clients by collecting their needed high value time critical data with the use of UAV. The company is ISO 9001-2015 certified by DNV-GL as a UAV and sensor operator. The company has office in Stavanger, Oslo and Frankfurt.

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