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## **SCHIEBEL IMPRESSES AT SEARCH AND RESCUE TRIALS IN EXTREME ENVIRONMENTAL CONDITIONS IN THE ARCTIC**

**Vienna, 25 November 2021 – Schiebel, together with Andøya Space Defence, successfully demonstrated the capabilities of the CAMCOPTER® S-100 on board the coastguard vessel KV Nordkapp in Norwegian waters.**

The purpose of the trials was to demonstrate the embarked Search and Rescue (SAR) and maritime surveillance capabilities of the CAMCOPTER® S-100 in the environmental conditions of the Arctic in latitudes above 75 degrees north.

The week-long trial was made possible through “Arctic 2030”, a Norwegian Ministry of Foreign Affairs programme, which aims to sustain Norwegian interests in the far north. The aim was to demonstrate that Unmanned Air Systems (UAS) ideally supplement manned helicopters, greatly enhancing SAR efforts in this remote part of the world. The CAMCOPTER® S-100 proved that it can operate in adverse weather conditions, where manned helicopters can be at higher risk.

The UAS was equipped with a Trakka TC-300 EO/IR sensor, an Overwatch Imaging PT-8N Oceanwatch, a Radionor antenna as additional data link for video feed transmission as well as an Automatic Identification System (AIS) receiver.

Hans Georg Schiebel, Chairman of the Schiebel Group, said: “The CAMCOPTER® S-100 is perfect for maritime operations, including in the Arctic or Antarctic. It has proven several times that it can operate in temperatures down to -40 degrees Celsius and under harsh weather conditions. We’re proud to have been able to successfully demonstrate these remarkable capabilities to the Norwegian Coastguard and Navy.”

### **About Schiebel:**

Founded in 1951 in Vienna, the globally operating Schiebel Group focuses on the development, design and production of the revolutionary CAMCOPTER® S-100 Unmanned Air System (UAS). Certified to meet AS/EN 9100 standards, Schiebel has built an international reputation for producing high-tech military, commercial and humanitarian products, which are backed by exceptional after-sales service and support. Schiebel has facilities in Vienna and Wiener Neustadt (Austria), Manassas, VA (USA), Abu Dhabi (UAE), 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

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adverse weather conditions, with a beyond line-of-sight capability out to 200 km / 108 nm, over land and sea. Its carbon fibre 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.

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