

## PRESS RELEASE

### **SEA PUFFIN 1 DEMONSTRATES SUCCESSFUL PUSH-ON TRIALS IN SIGNIFICANT WAVE HEIGHT (Hs) OF 1.5 meters**



Photo: ESNA



Photo: WindPartner

Kristiansand, 20<sup>TH</sup> of August 2018.

**WindPartner AS, owner and manager of Sea Puffin 1, and ESNA AS, the designer of Sea Puffin 1, are pleased to announce that Sea Puffin 1 recently conducted successful transit and push-on trials at the Horns Rev 1 wind farm off Denmark with a significant wave height of 1.5 m and has demonstrated record low fuel consumption (< 100 ltr/hr !), all in accordance with expectations.**

The world's first daughter craft based on surface-effect-ship (SES) technology, supported by the Carbon Trust's Offshore Wind Accelerator, has kicked off two months of sea trials at Vattenfall's Horns Rev 1 and Ørsted's Horns Rev 2 wind farms.

"We are very satisfied with the current results from the test of Sea Puffin and proud to announce that the vessel performs according to our specifications and expectations" says CEO in WindPartner, Mr. Morten Møllerud. "The performance was verified with in-situ wave buoy measurements".

Dan Kyle Spearman, Manager of Offshore Wind Access Systems, the Carbon Trust, commented, " I was onboard the vessel during testing and was impressed with the step up in performance for a daughter craft."

Trygve H. Espeland, Naval Architect and co-founder of ESNA added, "We are very proud and satisfied to see that the vessel has performed according to our expectations, and especially the clear demonstration of a significant reduction in fuel oil consumption compared to standard CTVs".

WindPartner is currently testing Sea Puffin 1 at Ørsted's Horns Rev 2 and has a clear intention to continue to test in severe weather conditions and even up significant wave height (Hs) of 1.8 meters. The test at Horns Rev 2 will be completed 16<sup>th</sup> of September 2018 and from the same date Sea Puffin 1 is fully ready to take on commercial operations and contracts.

WindPartner and ESNA have a long-term cooperation agreement with the ambition to build a series of this vessel type over the next few years.

The **Sea Puffin** SES daughter craft is an air cushion catamaran designed to be launched and deployed by a standard davit from a mother ship. She uses an air cushion to offer operational wave height similar to larger Crew Transfer catamarans, and uses significantly less fuel oil during all operational phases.

**The realization and development of first vessel has been support by OWA, ENOVA, Innovation Norway, RFFAgder and Skattefunn.**



#### Notes to editors:

#### About WindPartner:

WindPartner AS is an independent service and package solutions provider to the offshore wind industry with main business idea to build, own and operate new and right-performance DC/CTV by use of SES technology with optimum efficiency and workability compared to both existing standard DC's and CTV's. All combined with extremely low environmental footprint and with flexible business models ranging from lease/timecharter (preferred) , purchase/sale and combinations of these.

Offices are in Kristiansand, Norway (main office) and Esbjerg, Denmark.

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#### About ESNA:

ESNA is an independent ship design company for high-performance vessels. We specialize on air cushioned catamaran/Surface Effect Ships (SES), where we have unique world-leading competence.

ESNA's strategy is to complement yards with design packages and the special air cushion systems and equipment, allowing any yard to build safe, cost efficient and reliable Surface Effect Ships.

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