

Horizons



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Gas technology and markets



Shaping cyber shipping



Focus on Greece

Shaping the future,
delivering solutions today



The rising popularity of recreational submarines

LR has recently signed a contract with DeepFlight to provide certification services for their personal submarines in accordance with our Rules for the Construction and Classification of Submersibles and Diving Systems

Submersibles have been used for scientific research for decades. However conventional submersibles are so large, heavy and complex to operate that only a handful of research institutions own them.

Recently, DeepFlight has pioneered submarines that are lighter, smaller and so intuitive to use that private individuals now own and operate their

personal submarines from yacht or shore bases.

DeepFlight has completely re-designed the concept of a personal submarine for underwater adventure and exploration through its innovative use of composite materials, and by applying the dynamics of underwater flight. Their submarines are lighter and faster with a longer range than

others on the market, and they also offer the extraordinary experience of underwater flight.

The company has also optimised its submarines for resort operations, and has a submarine in constant tourism operation at Laucala Island Resort in Fiji (pictured below), with more locations to come.

Photo courtesy of Laucala Island Resort



Photos courtesy of David Bush for DeepFlight



DeepFlight Dragon specifications

(pictured left)

Length: 5.0 m (16 ft 5 in)
Width: 1.9 m (6 ft 3 in)
Height: 1.1 m (3 ft 7 in)
Weight: 1,800 Kg (4,000 lbs)
Operating Depth: 120 m (400 ft)
Payload: 250 Kg (550 lbs)



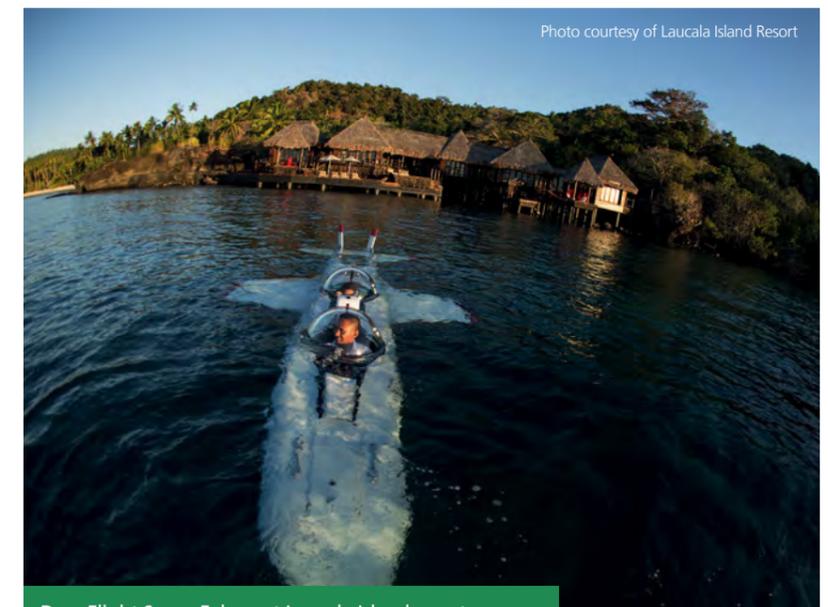
DeepFlight Super Falcon specifications

(pictured left)

Length: 5.9 m (19 ft 4 in)
Width: 1.9 m (6 ft 3 in) wings deployed, 1.4 m (4 ft 7 in) wings folded
Height: 1.6 m (5 ft 3 in)
Weight: 1,800 Kg (4000 lbs)
Operating Depth: 120 m (400 ft)
Payload: 250 Kg (550 lbs)

Adam Wright, CEO of DeepFlight said: "We are delighted to be working with Lloyd's Register to class our DeepFlight submarines. This partnership validates our efforts to join the automobile, aviation and other industries, in using composite materials to make safer craft. We see our work with LR as a great leap forward in allowing us to innovate submarines to open the oceans for personal exploration."

Photo courtesy of Laucala Island Resort



DeepFlight Super Falcon at Laucala Island resort