

Ukraine claims underwater drone hits sub

Ukraine asserts it hit and disabled a Russian submarine docked at a Black Sea naval base using underwater sea drones for the first time. Moscow denies the strike caused any damage

Novorossiysk: Russian *Kilo-class* submarine attacked with “*Sub Sea Baby*” drones while docked at port

Kyiv
UKRAINE

RUSSIA

200km
125 miles

Sevastopol
CRIMEA
BLACK SEA

Russian-controlled territory

KILO-CLASS 636 SUBMARINE

Length: **73.8m** Beam: **9.9m**

Displacement: **2,350 tonnes**

Speed: **20 knots**

Endurance: **45 days**

Crew: **52** Cost: **\$400m**

Armament: Includes four *Kalibr*-type cruise missiles



Diesel engine

Mast featuring electro-optical camera

UNCREWED UNDERWATER VEHICLES (UUV)

Details about *Sub Sea Baby* are not disclosed, but attack appears to be culmination of Ukraine's recent developments with underwater drones, including *Toloka* family of UUVs

TOLOKA TLK-150

Length: **2.5m**

Propulsion: **Electric thruster** Range: **100km** Payload: **50kg**

TOLOKA TLK-1000 Length: **12m** Diameter: **1.5m**

Hybrid propulsion:

Four electric motors + internal combustion engine

Guidance: **AI, thermal/optical sensors**

Range: **2,000km**

Payload: **5,000kg**

Operating depth: **300m**

Endurance: **60 days**