

3D scan of bottlenose dolphin, *Tursiops truncatus*, skull
Dauphin Island Sea Lab's Alabama Marine Mammal Stranding Network



Identification number: 05DISL020919

Nickname: “Joey”

Stranding date: 09 February 2019

Stranding location: Orange Beach, AL

Sex: Male

Age class: Subadult

Length: 186 cm

Weight: 173 kg

About the 3D scans:

This is a 3D scanned skull and mandible of a bottlenose dolphin, *Tursiops truncatus*, that stranded in Orange Beach, AL in February 2019. The team from Dauphin Island Sea Lab's Alabama Marine Mammal Stranding Network (ALMMSN) responded and recovered the deceased dolphin. To help determine the cause of death, a full body computed tomography (CT) scan was completed at the Auburn College of Veterinary Medicine (CVM) in Auburn, AL. 3D printing files (.stl) were created by Dr. Ray Wilhite at the Auburn CVM.

About the Alabama Marine Mammal Stranding Network:

The ALMMSN was formed at the Dauphin Island Sea Lab in 2011. ALMMSN operates under a Stranding Agreement with the National Oceanic and Atmospheric Administration's National Marine Fisheries Service to respond to all cetacean (whales and dolphins) strandings in Alabama. The ALMMSN also responds to manatee strandings under a permit with the US Fish and Wildlife Service in both Alabama and Mississippi. To report a stranded marine mammal to ALMMSN call 1-877-WHALE-HELP.