



# OCEANXPERIENCE

## MISSION GUIDE

Sybil B. Harrington Gallery, Level 3



Never stop wondering.  
Never stop imagining.™

# OCEANXPERIENCE

OceanXperience puts visitors in the driver's seat of a personalized adventure. Climbing aboard an interactive replica of OceanXplorer, the most advanced research and filmmaking vessel in the world, visitors choose a mission tailored to their interests. As visitors explore the vessel and enjoy hands-on STEM-based research tasks, their journey is tracked and enhanced with RFID (Radio Frequency Identification) technology. The adventure culminates in an interactive facilitated HoloLab experience and powerful cinematic scenes in the 360-degree theater. Filled with soundscapes, touch, and visually dynamic media, the exhibition is sure to engage all the senses. When you enter the exhibit, you will be tasked with choosing a mission to complete.

## THE MISSION CHOICES ARE:

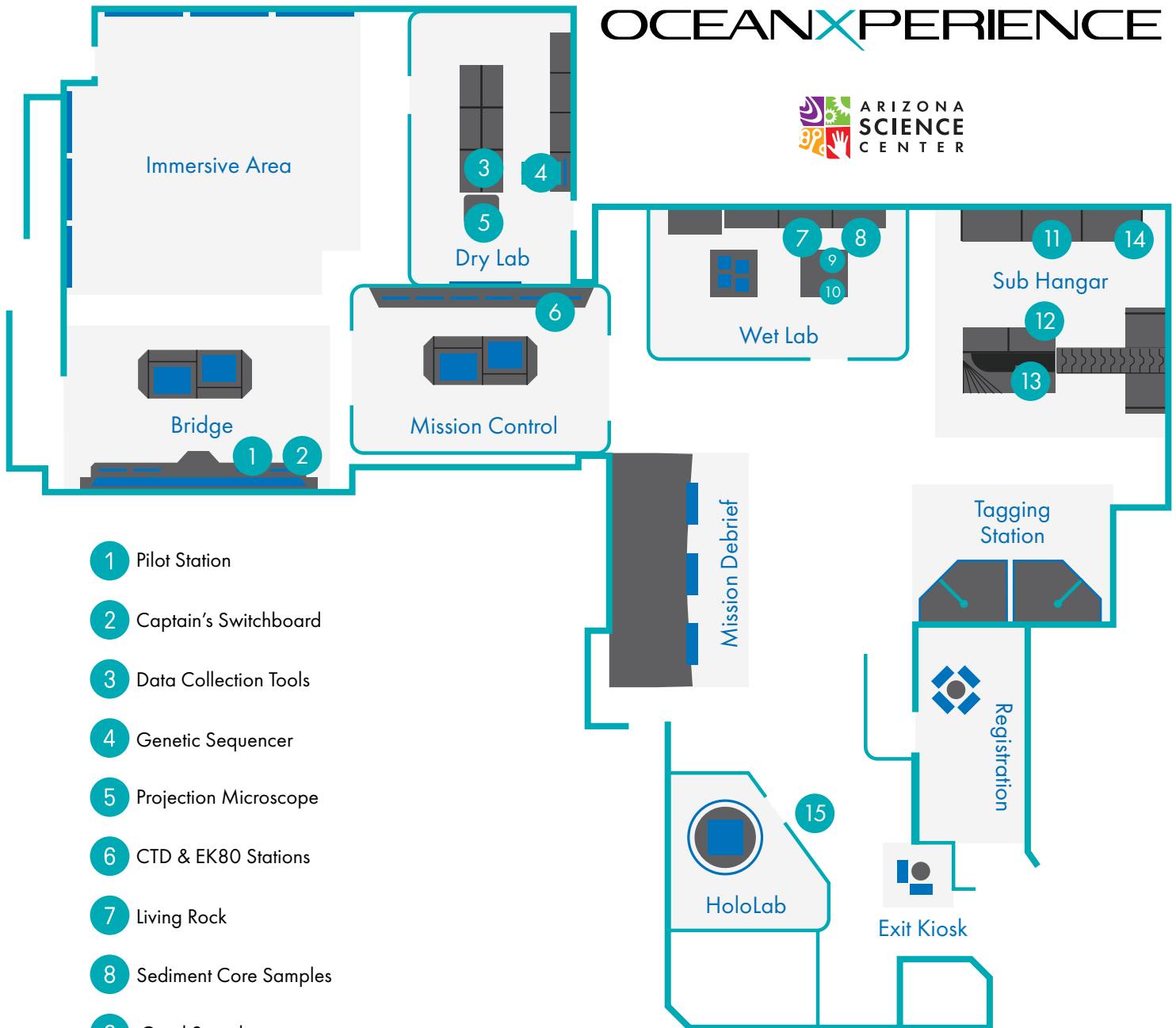
Humpback Whales	Orcas	Hammerhead Sharks
		

## QUESTIONING GUIDE

Use the questions below to guide your exploration.

Humpback Whales	<ul style="list-style-type: none"><li>• What similarities do you notice between the different types of whales in the exhibit?</li><li>• Can you find any patterns in the research data?</li><li>• What structure on the whale helps it to avoid predators?</li><li>• What are some reasons that humpback whales produce songs?</li></ul>
Orca Whale	<ul style="list-style-type: none"><li>• What structure on the Orca whale helps it to survive in a liquid environment?</li><li>• What structure on the whale helps it to prey on food?</li><li>• What is being done to protect Orcas?</li></ul>
Hammerhead Sharks	<ul style="list-style-type: none"><li>• What do hammerhead sharks like to eat?</li><li>• How does the shape of the hammerhead shark's head help it to survive?</li><li>• What are some threats that the hammerhead sharks face?</li></ul>

# OCEANXPERIENCE



- 1 Pilot Station
- 2 Captain's Switchboard
- 3 Data Collection Tools
- 4 Genetic Sequencer
- 5 Projection Microscope
- 6 CTD & EK80 Stations
- 7 Living Rock
- 8 Sediment Core Samples
- 9 Coral Samples
- 10 Mahi Mahi Dissection
- 11 Engineering Stations
- 12 OpenROV and Emergency Beacon
- 13 Triton Submersible Replica
- 14 Drone
- 15 HoloLab Live Feed

Exhibition produced by:

OCEANX



FLYING FISH

With additional support from:

NATIONAL GEOGRAPHIC

The exhibition, based on a forthcoming television series produced by BBC Studios Natural History Unit and OceanX in association with Earthship Productions for National Geographic, is created and toured internationally by Flying Fish.