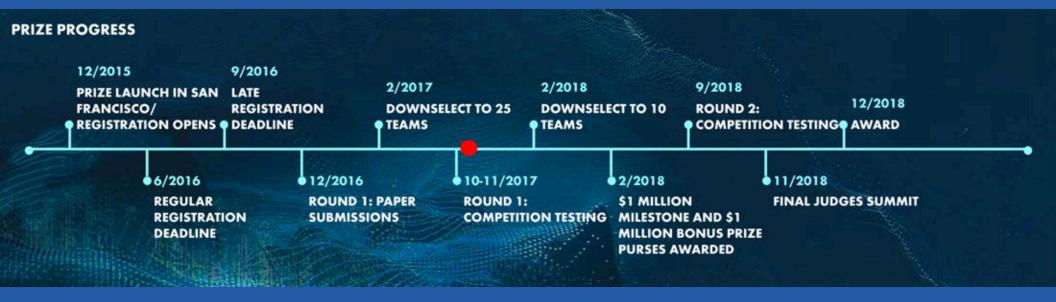


Ocean Discovery XPRIZE Timeline



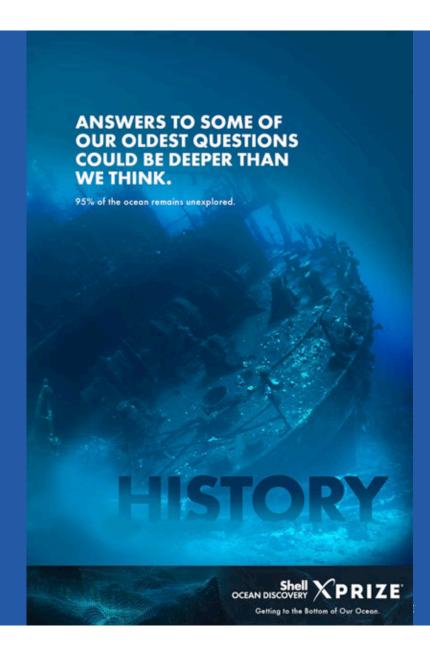
PRIZE OVERVIEW

- \$6 Million Prize
- \$1 Million NOAA Bonus Prize
- 3 year competition
- Deploy from shore
- Autonomy, speed, and depth
 necessary to gather critical information



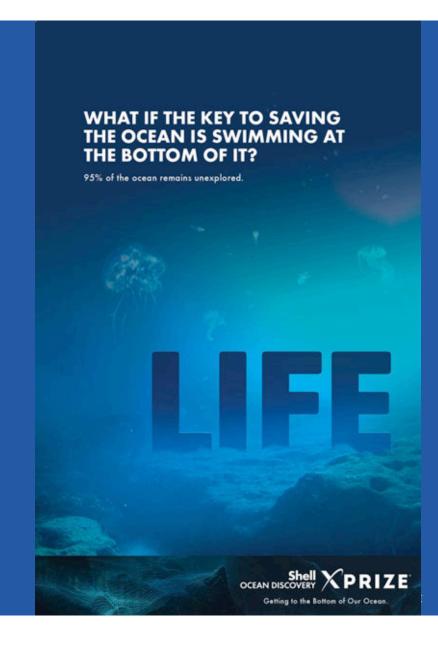
TEAMS WILL...

- Produce and deliver a bathymetric map
- High-definition imagery of a specified item
- High-definition images of archeological, biological, and/or geological features



NOAA BONUS PRIZE

An additional \$1 million NOAA Bonus Prize, where the winning teams will detect and track a chemical or biological signal autonomously



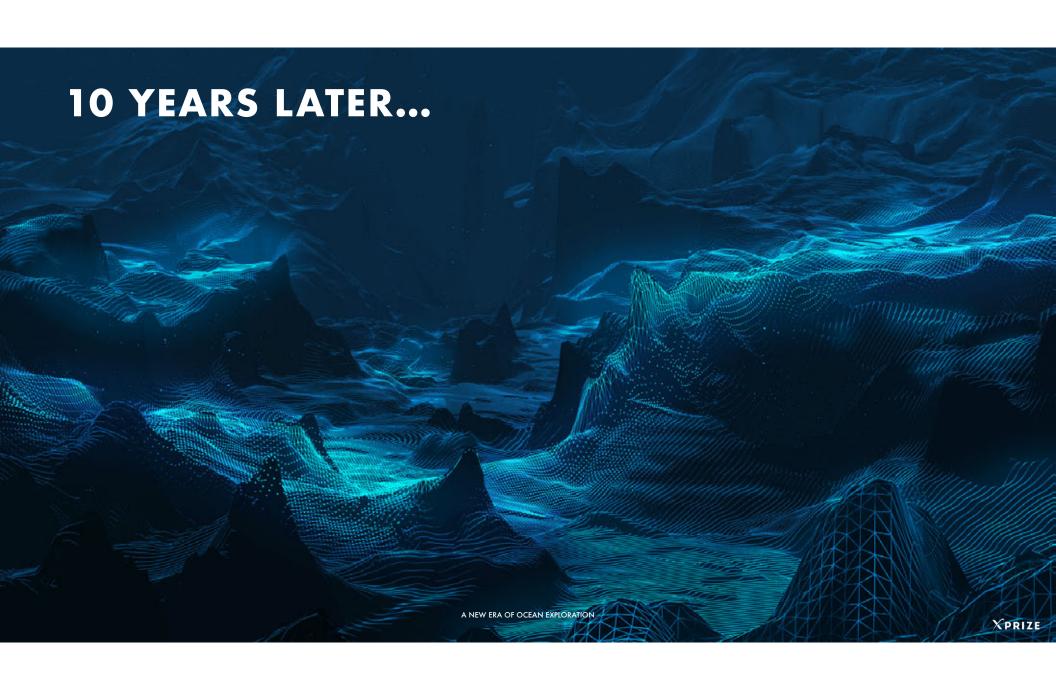
PRIZE DETAILS

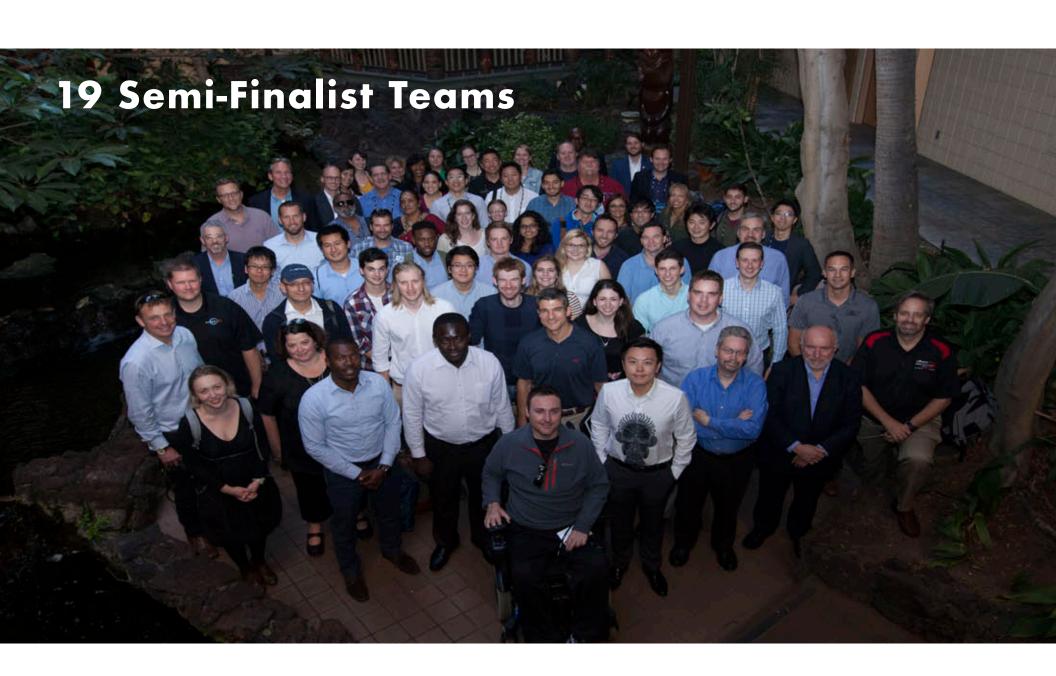
Judging Criteria	Percentage of Total Points	Round 1 Minimum Requirement	Percentage of Total Points	Round 2 Minimum Requirement
Area Mapped	50%	20% of Total Competition Area (100 km² of total 500 km²)	50%	50% of Total Competition Area (250 km² of total 500 km²)
Resolution	17%	5.0 m horizontal 0.5 m vertical	17%	5.0 m horizontal 0.5 m vertical
Bathymetric Map Accuracy		Pass/Fail vs Statistical Accuracy relative to Baseline Map	_	Pass/Fail vs Statistical Accuracy relative to Baseline Map
Depth		Find and image 1 specified object at 2,000 m depth	_	Find and image 1 specified object at 4,000 m depth
Additional Features	33%	Identify and image 5 archeological, biological, and/or geological features at any depth	33%	Identify and image 10 archeological, biological, and/or geological features at any depth
TOTAL	100%		100%	
Chemical or Biological Signal		_	_	Pass/Fail vs. Detection of Signal and Location of Known Feature

IMPACTS

- Accelerate Technology
- Catalyze New Markets
- Inspire the Public

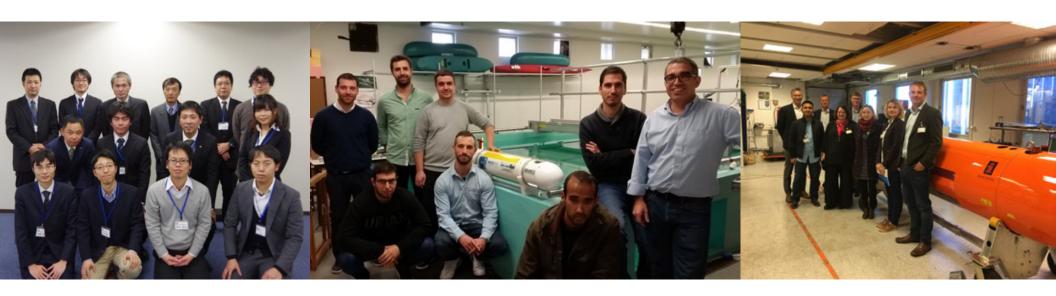






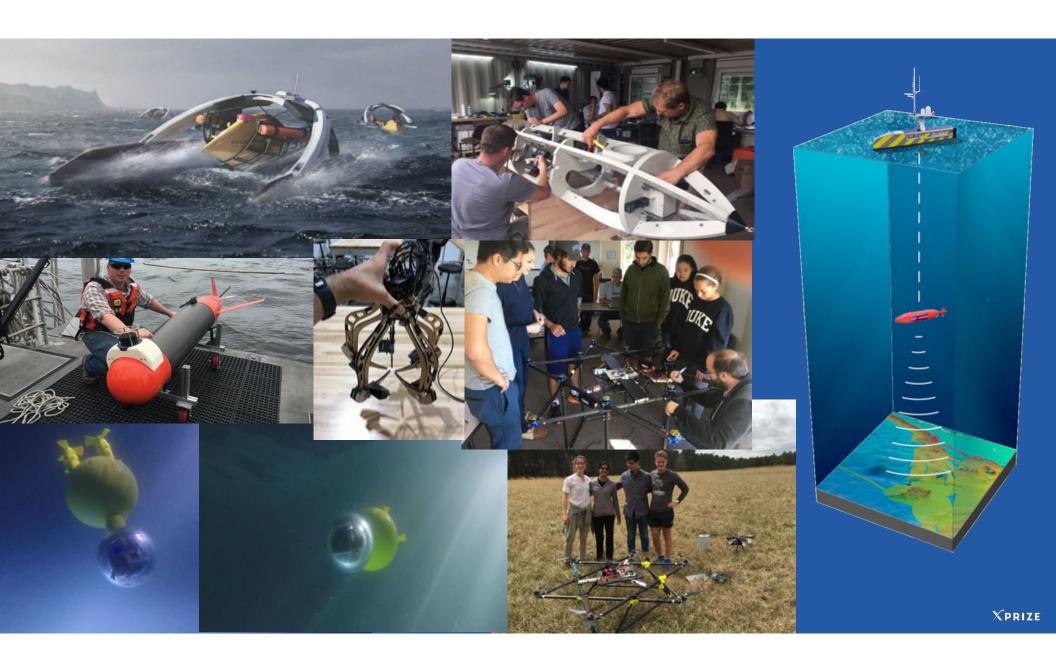


Team Members: 25 Countries, 349 individuals, 170 students









MULTI-VEHICLE







Envirodrone



GEBCO-NF



Team Kuroshio



Oceanzus



Ocean Quest



OD-Africa



Tampa Deep Sea
PLORERS
Tampa Deep-Sea X-plorers



Texas A&M University Ocean Engineering



X994



SWARMS











CFIS



Eauligo









Team Tao



Virginia DEEP-X



DRONES



Blue Devil Ocean Engineering

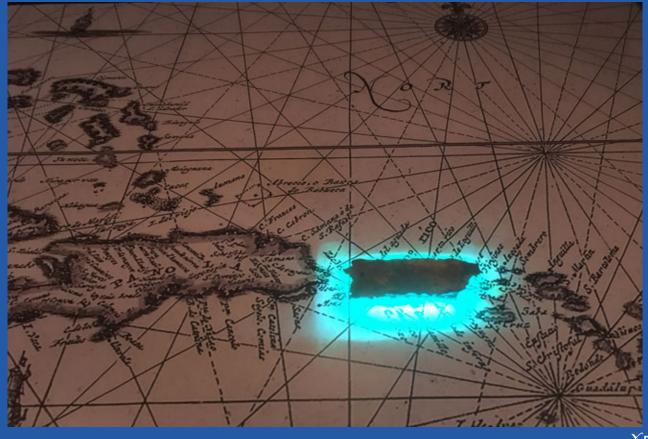






Round 1: September – December 2017





Revised Round 1 Technology Readiness Test Criteria

	Criteria	Score
A.	Autonomy	Pass/Fail
В.	Collision Avoidance	Pass/Fail
C.	Data Retrieval	Pass/Fail
D.	Depth Capability	Pass/Fail
E.	Endurance	Pass/Fail
F.	Imagery	Pass/Fail
G.	Mapping Resolution	Pass/Fail
H.	Navigation	Pass/Fail
I.	Seaworthiness	Pass/Fail
J.	Size and Weight	Pass/Fail
K.	Speed	Pass/Fail

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