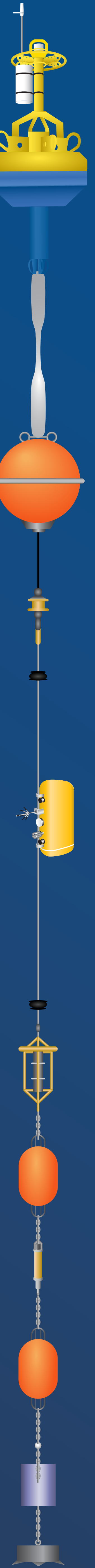


By the numbers



RIGHT: This is an example of a platform, which typically consists of instrument-equipped moorings and autonomous underwater vehicles.



EQUIPMENT WORKING AT DEPTH

Water temps low as **1.7**°C and up to **350**°C

AVERAGE WINDS UP TO **72** kmph ALONG THE IRMINGER SEA

SWELLS AS LARGE AS **15** METERS

EXPEDITIONS & EXPERTS

62 Missions 

77 scientists, engineers, data experts, and staff 

REGIONAL CABLED ARRAY

1.75 Gigabytes of data sent per second

924 SUBMARINE CABLE INSTALLED enough cable to stretch to the International Space Station and back
KILOMETERS

FIFTEEN MILLION meters (15,000 kilometers) that profilers have traveled along moorings

GLIDERS


351 glider deployments 

477,331 KILOMETERS COVERED

- Global: 171,562 km
- Pioneer: 141,372 km
- Endurance: 164,397 km

THE EQUIVALENT DISTANCE OF **TWELVE** times around the globe

HARSH ENVIRONMENT

Some arrays are deliberately set in the middle of some of the harshest seas on Earth. That's where the ocean has some interesting things to tell us. 

DATA

119 billion ROWS OF DATA STORED 

90 TERABYTES of data provided

287 MILLION DOWNLOAD REQUESTS

eight Years of data (and growing) 

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INSTRUMENTS

FORTY-FIVE different types of instruments

80 PLATFORMS

800 Total instruments

200 different parameters of the ocean being measured

1,682,880 Pounds of equipment moved for just one (Pioneer) array!
That's the weight of **20** humpback whales 

Numbers are as of 8/15/2022