

FLOTADOR PERFILADOR AUTONOMOUS PROFILING FLOAT

AUTÓNOMO PROFILING FLOAT



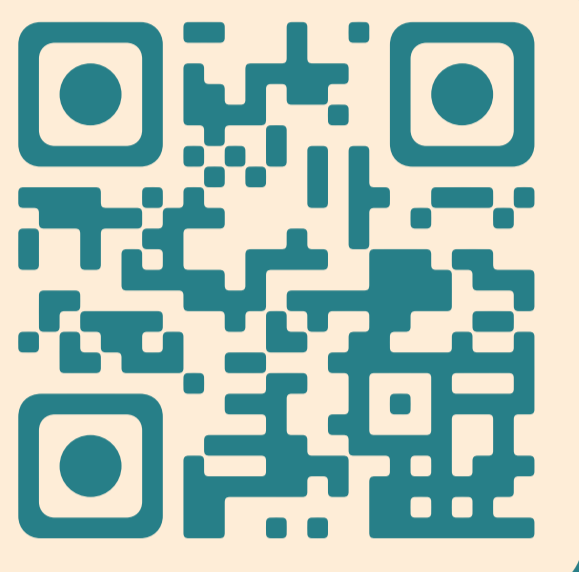
GPS Y ANTENA DE IRIDIO
(POSICIONAMIENTO Y
COMUNICACIÓN SATELITAL)
GPS & IRIIDIUM ANTENNA
(POSITIONING & COMMUNICATION
WITH SATELLITE)



SENSOR DE OXÍGENO
OXYGEN SENSOR

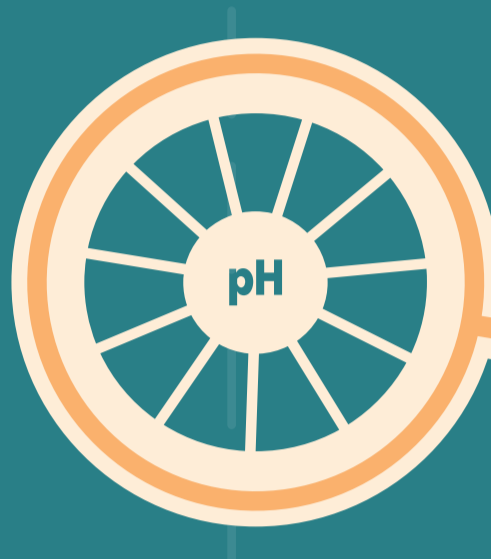


**SENSOR DE SALINIDAD,
TEMPERATURA, Y PRESIÓN**
*SALINITY + TEMPERATURE
+ PRESSURE SENSOR*



argo-dome.org

SENSOR DE pH
pH SENSOR



SENSOR DE IRRADIANCIA
IRRADIANCE SENSOR

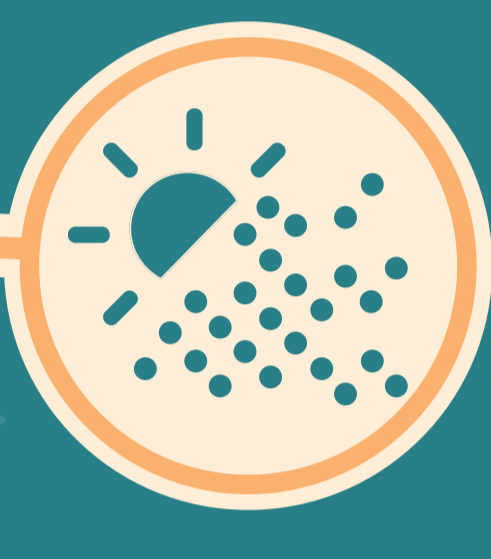


IN PROJECT

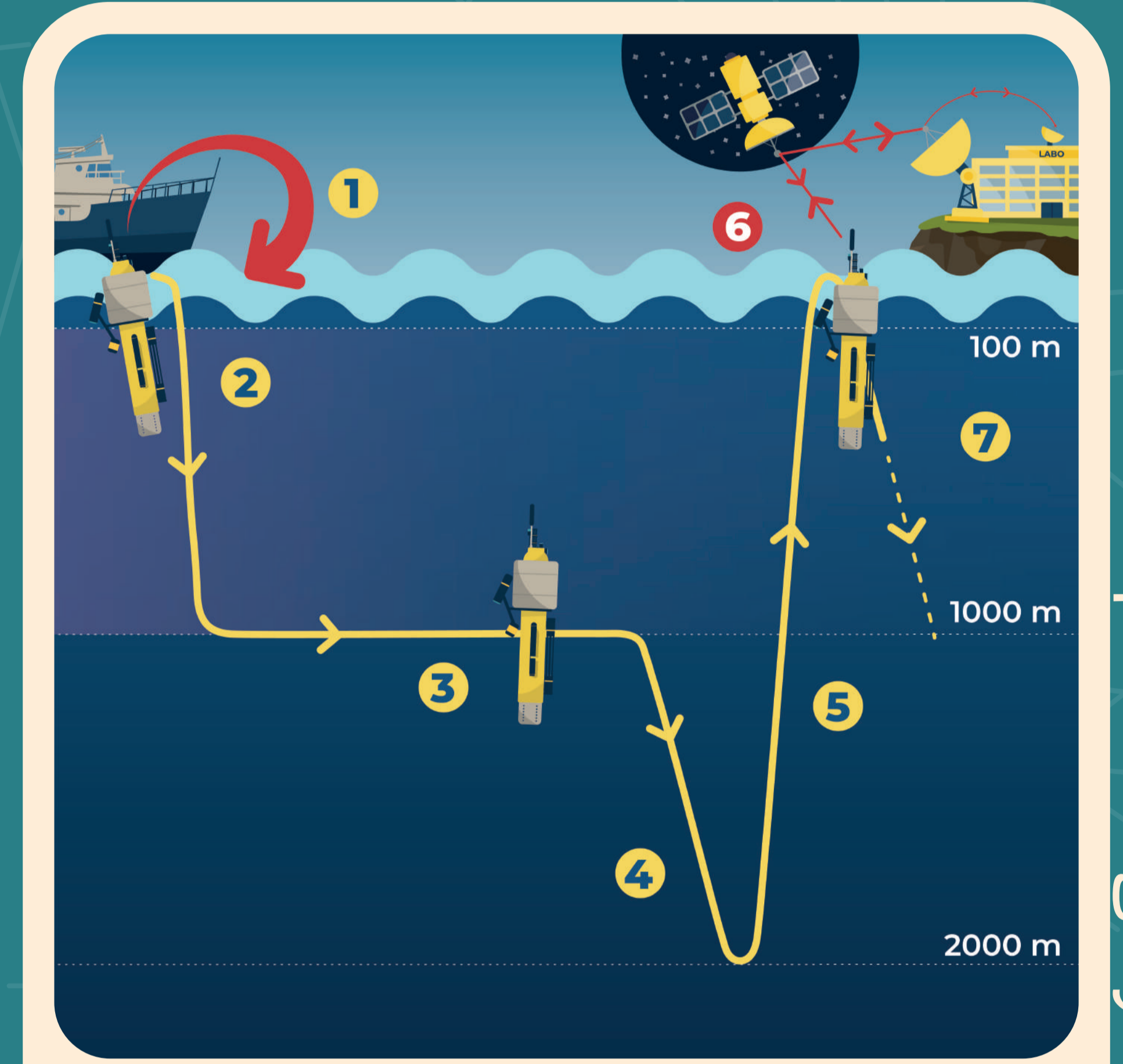
SENSOR DE ECOSONDA
ECHO-SOUNDER SENSOR



SENSOR BIOGEOQUÍMICO
CLOROFILA-a, CDOM
RETRODISPERSIÓN DE LAS PARTÍCULAS
BIOGEOCHEMICAL SENSOR
CHLOROPHYLL a + CDOM +
BACKSCATTERING



CÁMARA SUBMARINA
UNDERWATER CAMERA



1. Deployment from a ship
2. Descent to 1000 m
3. Drifting at 1000 m for 9 days and sound recording
4. Descent to 2000 m
5. Ascent to the surface and activation of sensors for data collection: the stage when sensors measure the different properties
6. Data transmission to shore through satellite
7. The cycle begins again

operating cycle of a profiling float

ESPUMA DE FLOTABILIDAD
BUOYANCY FOAM



VEJIGA INTERNA DEL SISTEMA HIDRÁULICO
(MOTOR DE FLOTABILIDAD)
INTERNAL BLADDER OF THE HYDRAULIC SYSTEM
(BUOYANCY ENGINE)



TABLERO DE CONTROL ELECTRÓNICO
CONTROL ELECTRONIC BOARD



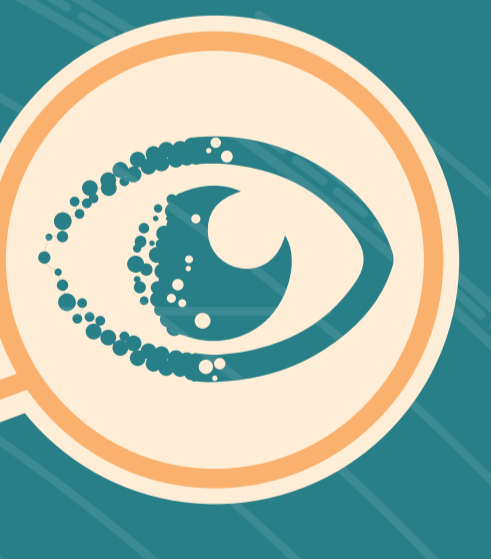
IN PROJECT
HIDRÓFONO
HYDROPHONE



SENSOR DE NITRATO
NITRATE SENSOR



MEDIDOR DE TRANSMISIÓN
TRANSMISSOMETER



BATERÍA DE LITIO
LITHIUM BATTERY



SENSOR DE RADIANCIA
RADIANCE SENSOR



VEJIGA EXTERNA DEL SISTEMA HIDRÁULICO
(MOTOR DE FLOTABILIDAD)
EXTERNAL BLADDER OF THE HYDRAULIC SYSTEM
(BUOYANCY ENGINE)



COMPONENTES EXTERNOS
EXTERNAL COMPONENTS

COMPONENTES INTERNOS
INTERNAL COMPONENTS

TAMAÑO SIZE
2.55_m

TIEMPO DE VIDA LIFE SPAN
5-7 AÑOS

75 PESO WEIGHT
kg

-2000_m
PROFUNDIDAD MÁXIMA
MAX. DEPTH

