

FLOTADOR PERFILADOR AUTONOMOUS PROFILING FLOAT

AUTÓNOMO PROFILADO



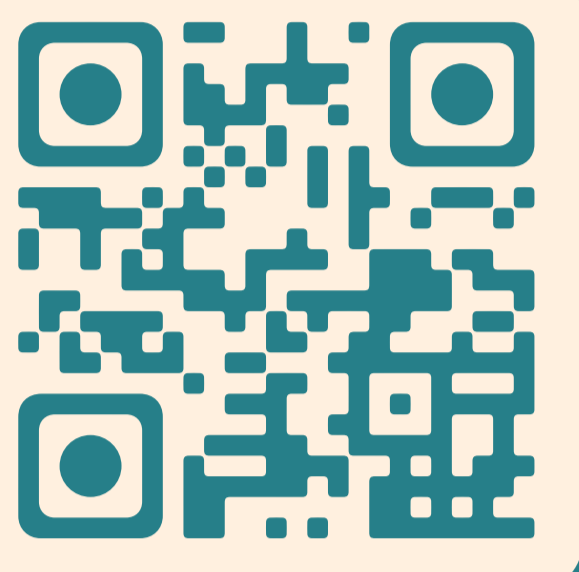
GPS Y ANTENA DE IRIDIO
(POSICIONAMIENTO Y
COMUNICACIÓN SATELITAL)
GPS & IRIIDIUM ANTENNA
(POSITIONING & COMMUNICATION
WITH SATELLITE)



SENSOR DE OXÍGENO
OXYGEN SENSOR

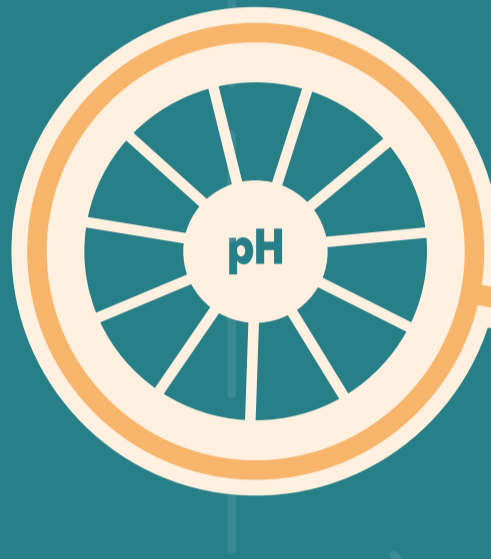


**SENSOR DE SALINIDAD,
TEMPERATURA, Y PRESIÓN**
*SALINITY + TEMPERATURE
+ PRESSURE SENSOR*



argo-dome.org

SENSOR DE pH
pH SENSOR



SENSOR DE IRRADIANCIA
IRRADIANCE SENSOR

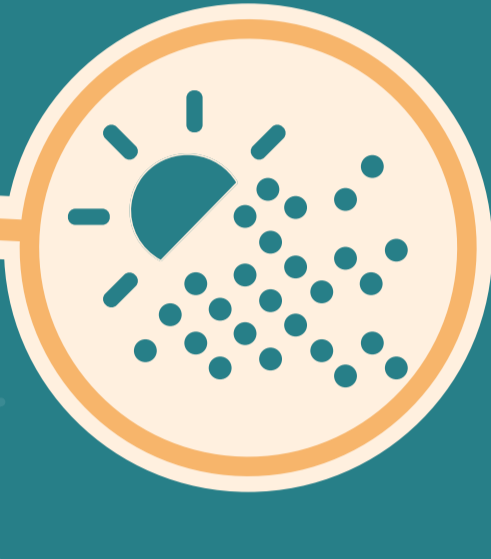


IN PROJECT

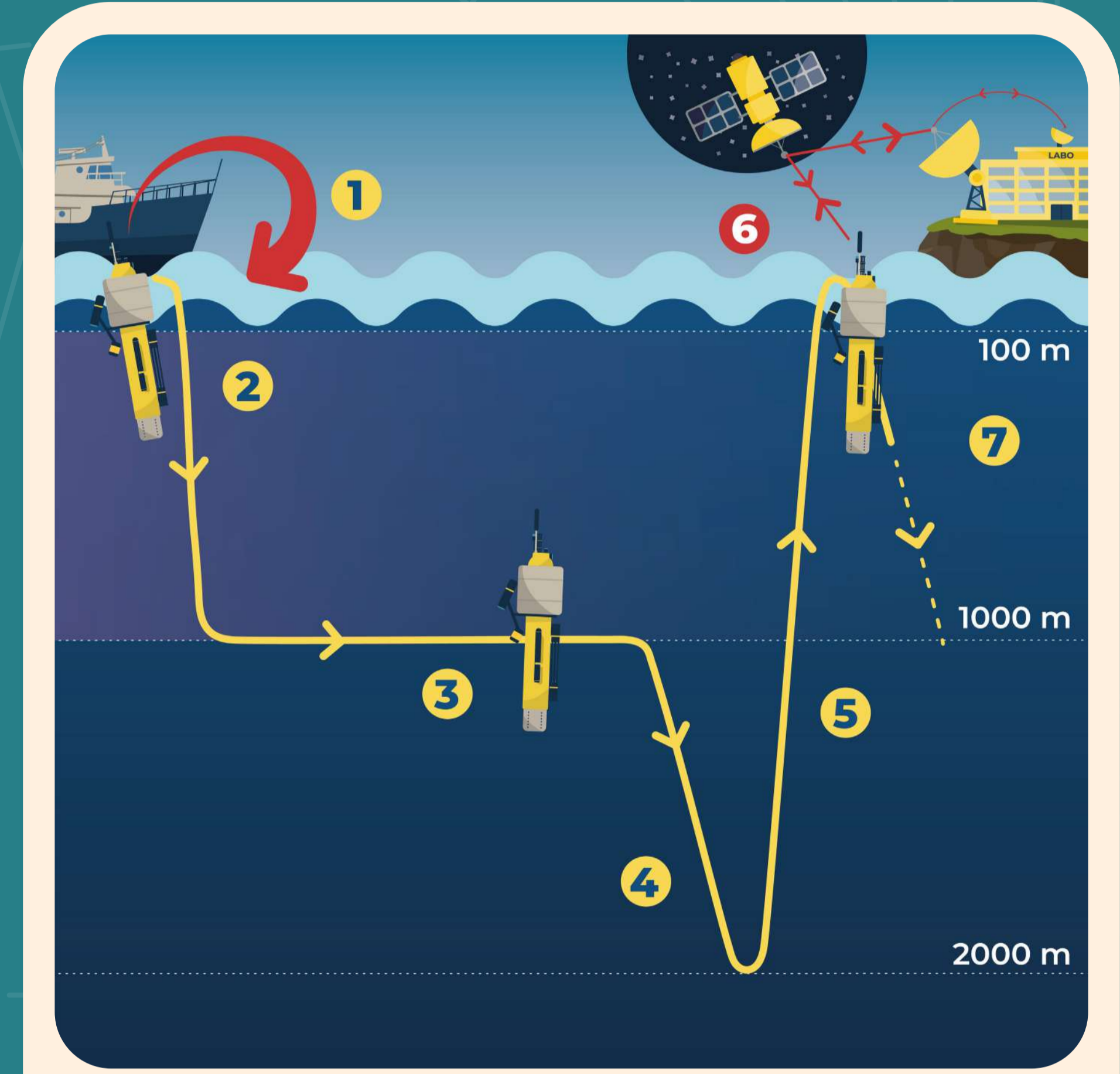
SENSOR DE ECOSONDA
ECHO-SOUNDER SENSOR



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



CÁMARA SUBMARINA
UNDERWATER CAMERA



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*



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

IN PROJECT
HIDRÓFONO
HYDROPHONE



SENSOR DE NITRATO
NITRATE SENSOR



**MEDIDOR DE
TRANSMISIÓN**
TRANSMISSOMETER



TAMAÑO
SIZE
2.55_m

TIEMPO DE VIDA
LIFE SPAN
**5-7
AÑOS**

75 PESO
WEIGHT

-2000_m
PROFUNDIDAD MÁXIMA
MAX. DEPTH

**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

