ARMS Assembly → ARMS Deployment → ARMS Recovery

ARMS Disassembly

ARMS Water: MOTILE ORGANISMS
- Sieving through 3 sieve sizes: 106µm - 500µm - 2mm
- 2mm
- 500-µm
- 106-µm
- Morphosorting to species
- Concentrate Bulk Motile Fractions through 40-µm Mesh
- Rinse with 90% EtOH
- Transfer in 50-mL Falcon tubes (up to 10-mL of matter per tube)
- Preserve in 90% EtOH
- DNA Barcoding
- Decantation

ARMS Plates: SESSILE ORGANISMS
- Photographing Plates
- Subsampling Sessile Colonies (optional step)
- Plate Scrapping
- Fraction Homogenization by blending
- Wash with filtered sea water through 40µm Mesh until fluid runs clear. Squeeze out water.
- Dry and weigh rest of fraction. Freeze
- 10-mL in 50-mL 90% EtOH falcon tubes (x3) AND 10-mL in 50-mL DMSO falcon tubes (x3)
- Metabarcoding

Record information
Photograph
Preservation 90% EtOH
DNA Barcoding
Metabarcoding