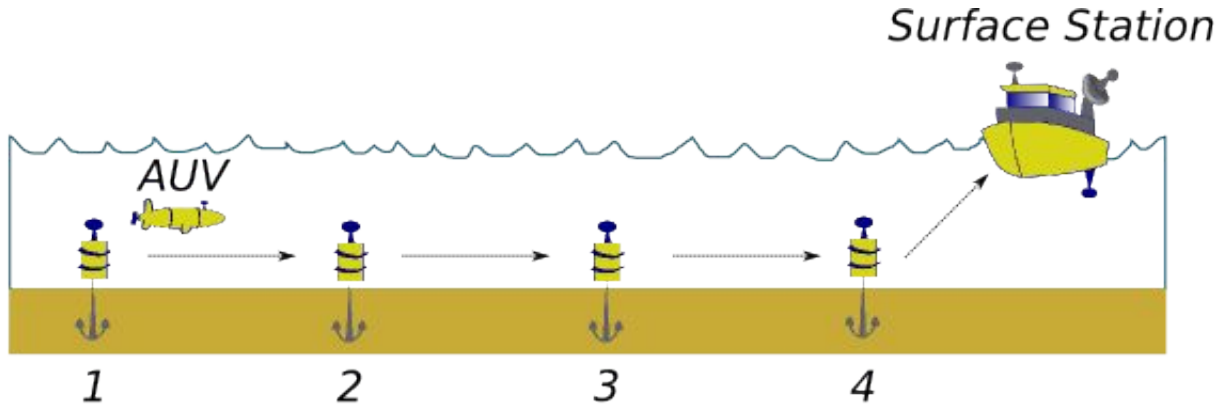
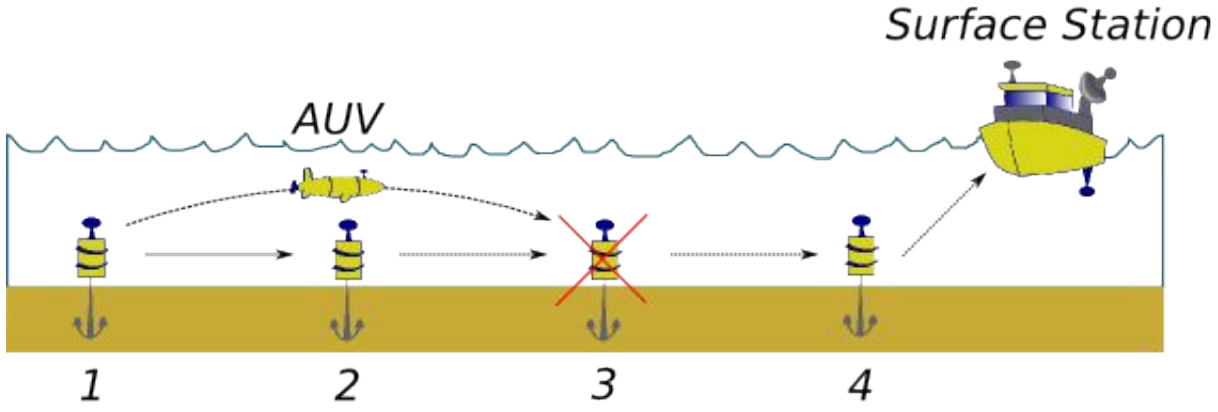
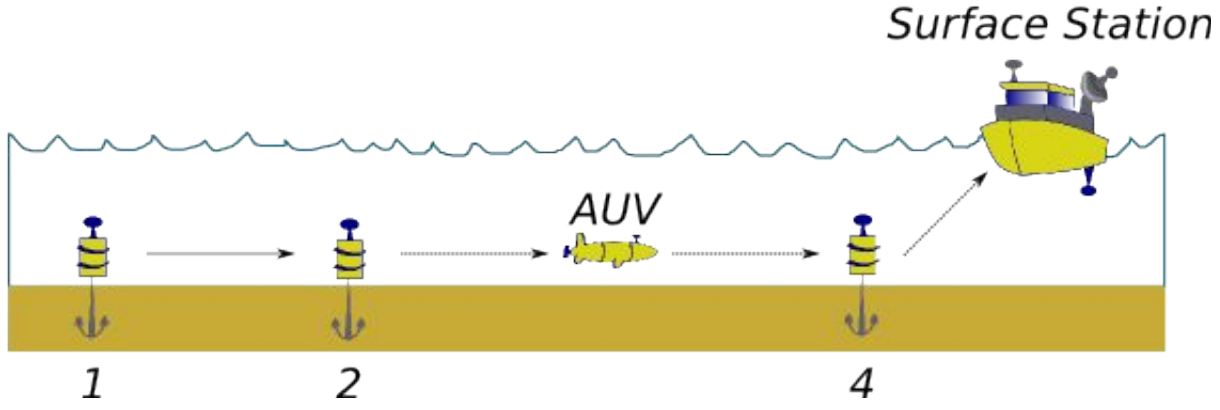
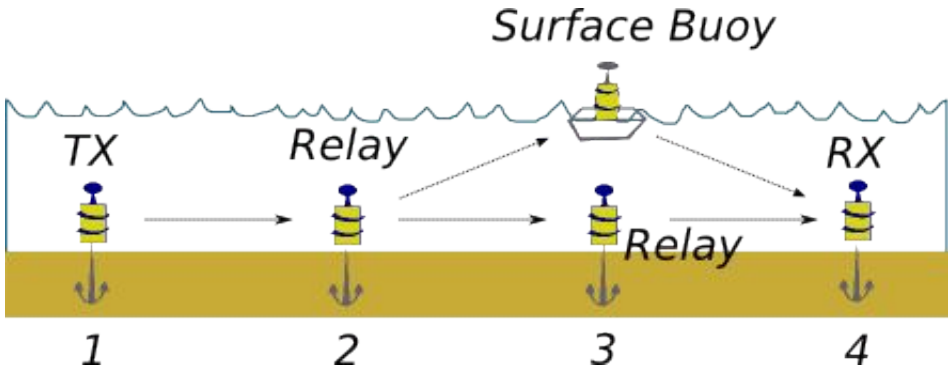
Scenario 1:
- keyword: reliability
- hardware: 4 nodes, 1 AUV, 1 surface buoy (or 1 surface station)
- objective (brief): this experiments aims to recover to broken link by using a mobile AUV. When the network discovers a broken link in the path used to send data from a sensor node to a base station, the AUV is informed of the problem ad goes to substitute the broken node
- metrics: time needed to recover a broken link







Scenario 2:
- keyword: optimal path, routing
- hardware: 4 nodes, 1 surface buoy
- objective (brief): this experiments aims to identify in some specific scenario if the best option is to send data by using a node anchored at the seabed or, instead, to send the data to a surface buoy
- metrics: throughput, packet error rate and energy consumption



Scenario 3:
- keyword: optimal path, routing
- hardware: 3 nodes, 1 surface buoy
- objective (brief): this experiments aims to identify in some specific scenario if the best option, according to different metric, is to send data by using an intermediate relay, or instead, by sending data directly to the destination by increasing the transmission power
- metrics: throughput, packet error rate and energy consumption