**Appendix 2** 

Additional technical information on Seaorbiter. SeaOrbiter is a vessel allowing a 24/7

exploration on long-term missions of the open sea and the abyss. Inspired by Nature, it has been

designed based on biomimicry principles, using the imitation of models, systems and elements

of nature in order to create a slow pace drifting vessel. SeaOrbiter is a scientific platform that

gives us a direct insight into the ecosystem of the open ocean, thanks to its capabilities of

uninterrupted continuous observation and analysis of physiochemical parameters. The vessel is

designed to evolve in a quiescent mode to better capture a great variety of physical and

ecological data.

More information: https://www.seaorbiter.com/



## COMMUNICATIONS ATMOSPHERE over the ocean region, water and air sampling, henders on vestel measuring temps asure fluinticly, who speed also testing schnologies, renewable energies 18, 14, 15 OCEAN BELOW SURFACE remarks and sonar on vessel and deployed a submersible vehicles (manner and roboto). EXCURSIONS FROM THE VESSEL OCEAN DEEP SEA "REAL ESTATE" OCEAN DEEP SEA AND SEABED sip orations and impring of seafloor, wester escursions we maintend the bid subtres the venices escursions, much grain or resourcing policy cod tormalies and distinctory schemose occurring. INITIATIVES 11: Health & Nutrition 12: Biodiversity & Biomimicry 13: Ocean & Climate 14: Environment & Anthropism 15: Tochnology & Innovation 16: Energies & Mineral Resources 17: Deep Sea Explorations 1A: Many initiatives SeaOrbiter Map - S2B DRAFT (27May14)