NET4mPLASTIC PROJECT

WP5 – Act. 5.2 Development of the UAV/marine drone for data acquisition

D 5.2.2

Marine Drone Remote Control Unit

December, 2021 - Version 1.0

Project Acronym	NET4mPLASTIC
Project ID Number	10046722
Project Title	New Technologies for macro and Microplastic Detection and Analysis in the Adriatic Basin
Priority Axis	3
Specific objective	3.3
Work Package Number	3
Work Package Title	Preliminary activities and project implementation
Activity Number	5.2
Activity Title	Development of the UAV/marine drone for data acquisition
Partner in Charge	PP3
Partners involved	LP, PP2, PP3, PP4
Status	Final
Distribution	Public

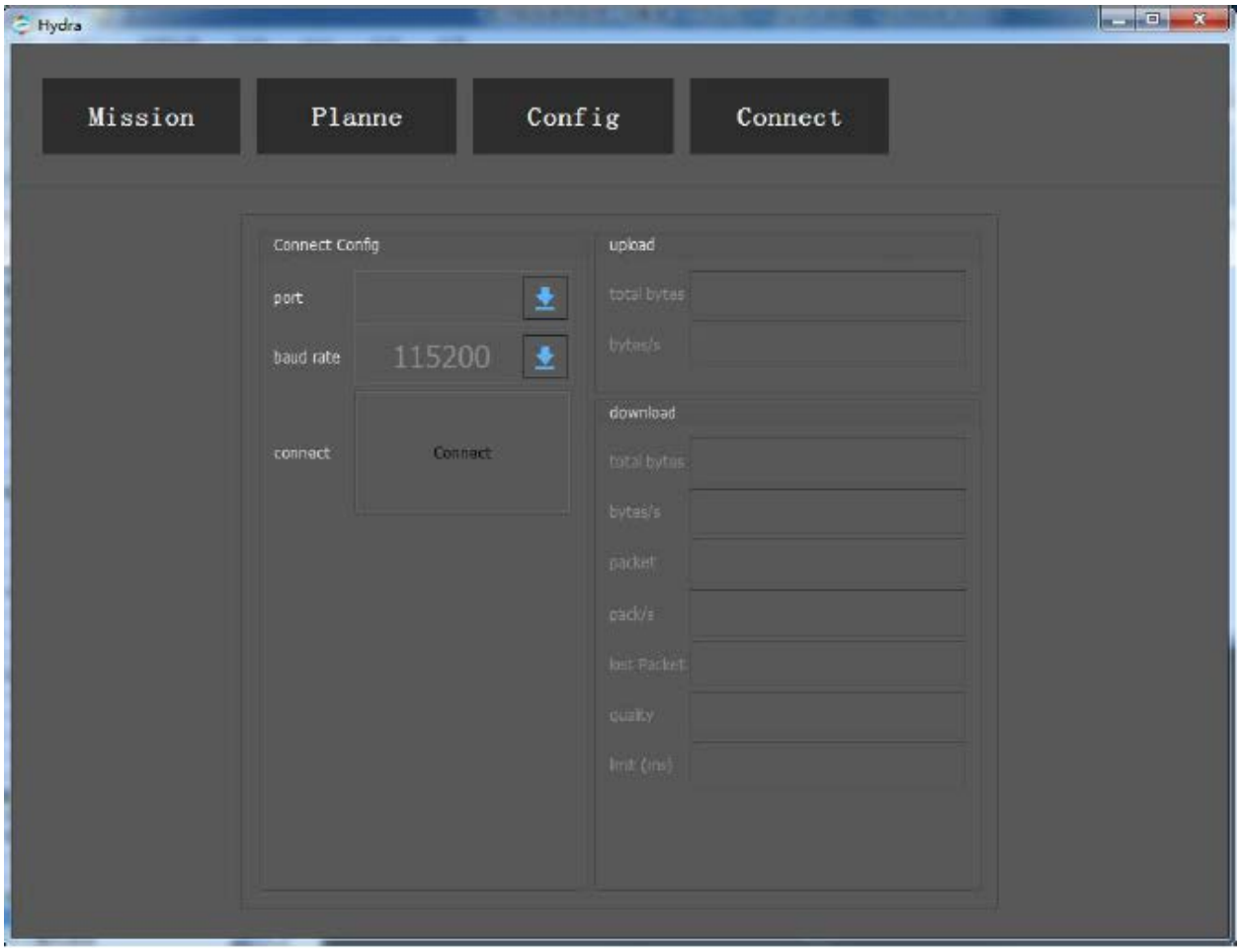
CONTRIBUTING PARTNERS	LP, PP2, PP3, PP4

Data	Vers	Prep	Resp	Appr	Rev	Comment
31.12.2021	1.0	LP PP2 PP3 PP4	PP3	Daniele Calore	Final	Approved

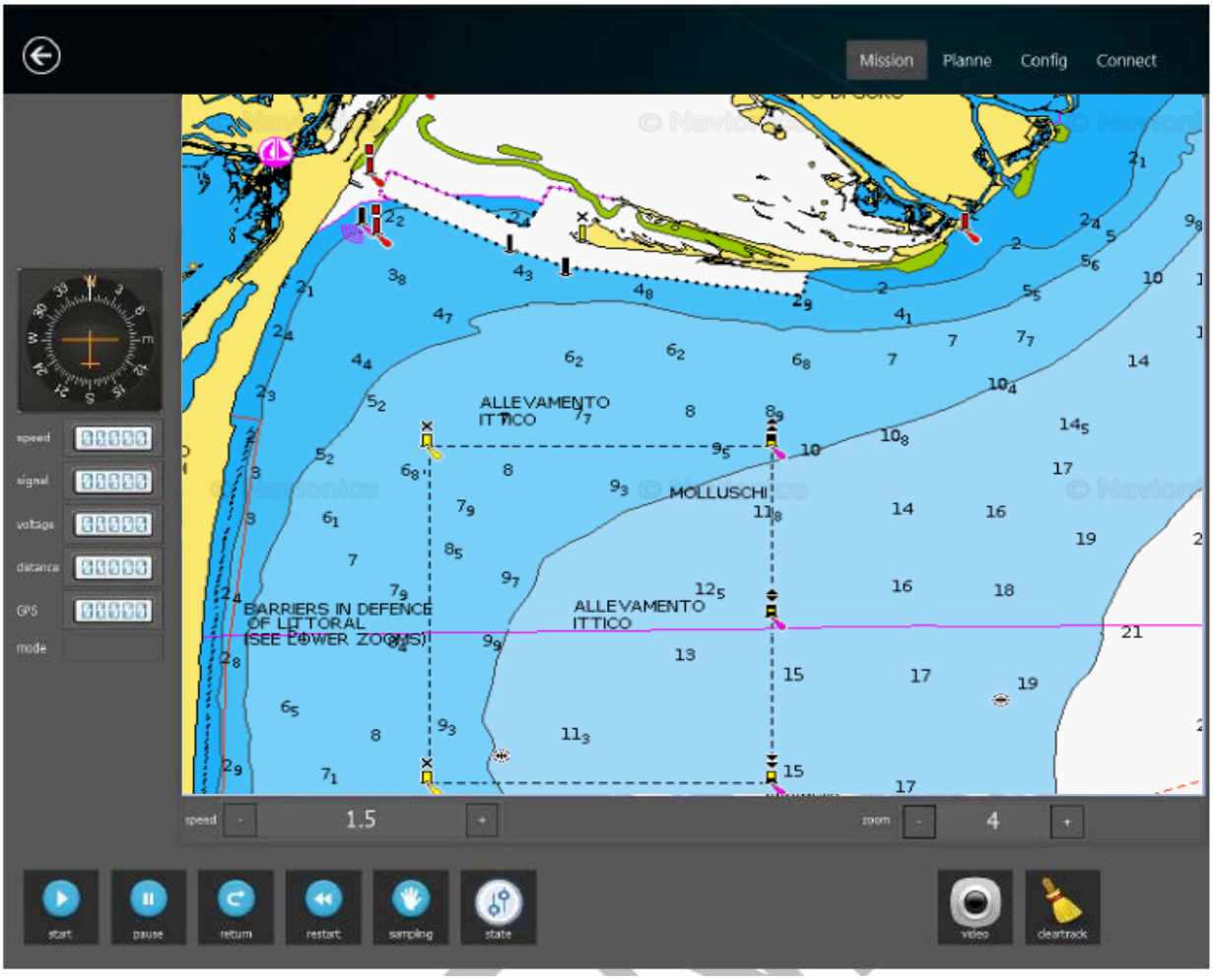
1 MARINE DRONE REMOTE CONTROL UNIT

This deliverable is not a document but the Remote Control Unit of the drone with related hardware and software facilities. As proof some pictures are reported hereinafter. The drone can be remote controlled directly via WiFi with a console with a range of 1km. For long range control via UHF radio link or 4G it is necessary to use a dedicated software application with a laptop.

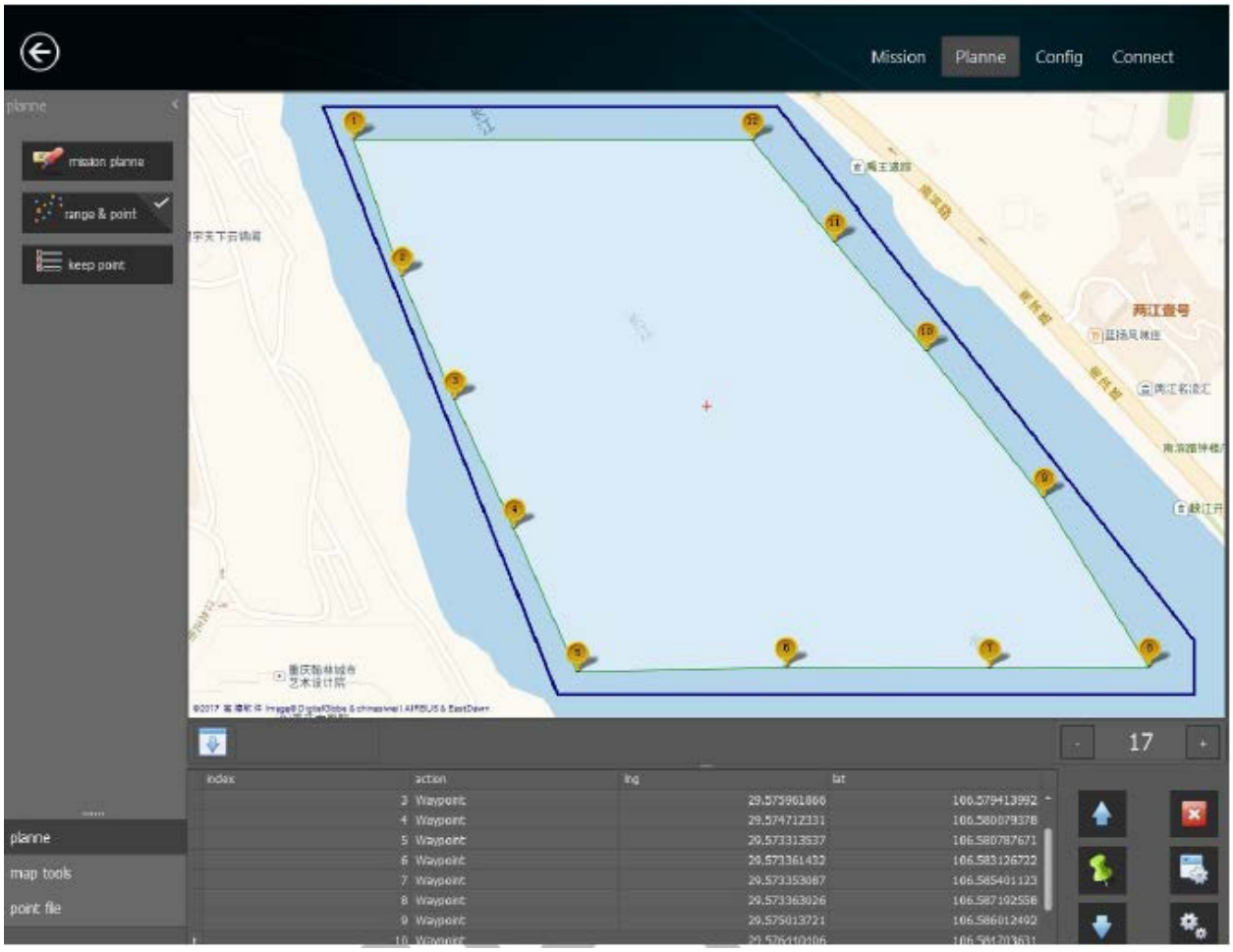
Drone short range (1km) remote control unit



Main Software Panel for Long Range Remote Control Unit of Drone



Software Interface for long range control via 4G or UHF link



Software Panel to plan the route for long range control via 4G or UHF link