

D7.3 Field Test Report

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Work package 7 – Dissemination Task 7.2 Field Test Campaign

Lead contractor for this deliverable ASU

Dissemination level: Restricted to a group specified by the consortium (including the Commission Services)

EXECUTIVE SUMMARY

This document brings together the initial plans, documentation and exploitation notes for the PRoVisG field trials that took place at the island of Tenerife on September 2011 15th to 21st. This document will also be used for an initial guide for other future field trials.

It covers the following aspects:

- a) The objectives for the Campaign are pointed out, both from the Project point of view and, as formulated, from the individual contributors.
- b) Initial considerations from prior field tests are summarized to serve as further rationale for the drawn decisions.
- c) The envisaged and visited Locations and their specific features are summarized, and sufficiently detailed site maps are pointed out.
- d) A global schedule, driven by travelling and gear availability is given.
- e) All contacts, including people that support the Tests from their home institutions, including their specific roles are given.
- f) The general Logistics is described, such as accommodation, formal site access, officially assigned persons to contribute, law & customs aspects, personal equipment, catering, allergies, local transport, protective housings and/or a van, power supply, etc.
- g) Detailed test facilities aspects are described such as data transmission, synchronization and archiving.
- h) Preparatory on-site actions are summarized such as the data capture of 3D ground truth, set-up of localization facilities, sensor calibration.
- i) The involved components and instruments (Rover, cameras, navigation utilities) are described in terms of their resource requirements, data, mechanics and electrical interfaces.
- j) Operation & processing aspects are addressed.
- k) Communication with remote places such as the Berlin 2011 Summer School and its particular synchronization with the Field Test are described.
- l) Components of the Campaign are broken down into Experiments, Tests and Operations.
- m) The data captured is described.
- n) Preliminary processing procedures & results are presented.

Actions that were planned but did not take place were kept in the document as such in order to give valuable hints for future such tests.

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