



developmentSEED

# Software Verification and Validation Report

Global Fish Tracking System

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FOR	ESA and Starion
BY	Development Seed

VERSION	1.0
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# Introduction

This document describes the progress regarding the Software Verification and Validation Plan (SVVP) of the Global Fish Tracking System (GFTS) use case for the DestinE Platform. Use Case Description

## Verification activities

We have set up a GitHub repository for the use case. In the repository we have set up a GitHub actions workflow that is limited to automatically building the GFTS documentation at the moment, but can be used to run the unit and integration tests of the GFTS system.

## Validation activities

During two conferences we have interacted with multiple stakeholders of the GFTS project, as well as several potential users of the GFTS fish track reconstruction environment. This has informed multiple decisions on how to set up the architecture. The feedback from stakeholders within the Destination Earth ecosystem, and the increased learning about the concrete capabilities of the DestinE Platform has resulted in a revised assessment of how we will operationalize the fish track reconstruction. We are considering packaging the environment in a stack that can easily be reproduced in jupyter hub environments, such as the environment that will be offered by the DestinE platform.