

ICS Software Update Procedure

PFS-ICS-PUxxxxxx-01

Hassan Siddiqui, Craig Loomis, Arnaud LeFur

2020-10-20
Issue 0.1

Contents

1	Version and Changelog	2
2	Introduction	2
3	Procedure	2
4	Validation	2
	Acronyms	3
	Glossary	3

1 Version and Changelog

The version of this document is **0.1** .

Version	Date	Author	Description
0.1	2019-07-10	H Siddiqui	First version

2 Introduction

Installing ICS software updates at Subaru requires careful validation and control. This document outlines a procedure for installing software, with the aim to minimize new complications raised as a consequence of bugs and unforeseen limitations in the updated software.

3 Procedure

1. New software version identified.
2. Install new software version as test version (**tag=test**).
3. Validate test version. See section **4** for more details.
4. Decision whether or not to switch to new ICS version made every second informal SPS software telecon, starting from 2020-10-22.
5. Comments (including risks) can be submitted to the **#commissioning** slack channel in advance of that telecon
6. If there is an agreement to install a new version, then
 - (a) switch tag for test version to **current**.
 - (b) restart ICS software.

4 Validation

To ensure that the updated software has no new bugs or unforeseen problems. the software must be validated before being deployed at the site as the current working version of that software.

Section to be written. This will evolve with future discussions. Most likely, testActor will be exploited.

Acronyms

ICS Instrument Control Software.

Glossary