



Tjänstgöringsintyg

Namn: Louise Karsten

Personnr: 980708-0420

Anställningstid: 2019-06-10-
2019-08-23

Arbetstid: 40 timmar per vecka, med semesteruppehåll 2019-07-22 –
2019-08-05

Funktion/Avdelning: EPXS, 4959

Befattning: Sommarjobbare

Arbetsuppgifter: During the summer job period, Louise has analysed, extracted and structured the information about the Electro-pneumatic parking brake function. The analysis included the following artefacts:

- i) the functional architecture with the corresponding functional and safety requirements. Louise has identified and structured the relevant document which were scattered across multiple tools,
- ii) the technical architecture of the software. Louise has analysed the source code and create a UML component-diagram of the software,
- iii) software parametrization parameters. Louise has identified the configuration variables in the source code, matched these variables against parameters in the parametrization tool, and extracted the possible values and conditions under which the variables are assigned these values, verification results. Louise has identified the verification results at different verification levels (unit, system, integration, vehicle-level testing) and established traceability links between verification results and components that they verified when the traceability link was missing.

Södertälje, den 2 oktober 2019

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Kerstin Hettman