

# Quality Assurance Report

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## se\_PR\_Main.m

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### Iteration - 1

**Code Author:** Neilabh Banzal

**Review requested by:** Neilabh Banzal

**Reviewer:** Aruja Khanna

**Date of review:** 22/05/2020

**Permanent Links:**

1. [https://github.com/Neilabh21/STADS\\_IITBSSP/blob/master/Sensor\\_Model/Processing/se\\_PR\\_Main.m](https://github.com/Neilabh21/STADS_IITBSSP/blob/master/Sensor_Model/Processing/se_PR_Main.m)

**QA suggestions:**

1. The main function follows the format of prefix\_main\_blockname so the function PR\_Main should be rewritten as se\_main\_PR
2. All constants in the se\_op should be written in capitals
3. In line 20 of comments, the description is given of m\_1 whereas the parameter is a (1,m\_2) input
4. In line 140, if you pass the se\_bo to the function directly it gives horzcat error. This is due to the incorrect dimensioning as only 1 boresight input should go as input whereas se\_bo has 15.
5. In line 142, it needs aerospace toolbox.

**Implementation:**

| The changes implemented as suggested by the review points will be documented *Eg*: 1. All changes are implemented

**Post-QA Permanent Links:**

- 1.
- 2.
- 3.

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### Iteration - 2

**Code Author:** Name of the author of the original code

**Review requested by:** Name of the person who is requesting the review *Eg*: PQR

**Reviewer:** Name of the allotted reviewer

**Date of review:** DD/MM/YYYY

**Permanent Links:**

- 1.
- 2.
- 3.

**QA suggestions:**

| Any modifications/additions/deletions to be made to the code. It also includes any flaws/mistakes that need to be corrected in the code *Eg*: 1. 2.

**Implementation:**

| The changes implemented as suggested by the review points will be documented *Eg*: 1. All changes are implemented

**Post-QA Permanent Links:**

- 1.
- 2.
- 3.

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