Change log:

Version 05 (May 8, 2017, P. Goudfrooij)

1. [PR 87121](https://www.ess.stsci.edu/prsystem/servlet/prbrowse/pr.87121): Replaced “niriss\_templates/subarray” with “niriss\_exposure\_specification.subarray”, and “niriss\_templates/TACQ\_MODE” with “niriss\_target\_acq.acquisition\_mode”

Version 04 (Feb 20, 2017, P. Goudfrooij)

1. [PR 87121](https://www.ess.stsci.edu/prsystem/servlet/prbrowse/pr.87121): Updated and added few entries for AMI, SOSS, and External Calibration templates.

Version 03 (Aug 10, 2016, P. Goudfrooij)

1. [PR 85401](https://www.ess.stsci.edu/prsystem/servlet/prbrowse/pr.85401): Updated AperNames (from “NIS-“ to “NIS\_”).

Version 02 (April 14, 2016 P. Goudfrooij/L. Liu)

1. OPR 83962
2. Updated AMI template
3. Added External Calibration template

Initial version (Mar 10, 2016)

1. Split Appendix H into separate units for each SI as follows:
   1. H1 – MIRI
   2. H2 – NIRCam
   3. H3 – NIRSpec
   4. H4 – FGS
   5. H5 – NIRISS
   6. H6 – WFSC

**H5. NIRISS**

Rules for population of ***pointings***/AperName

5.1 NIRISS Imaging Template

|  |  |
| --- | --- |
| Rules | AperName |
| If niriss\_exposure\_specification.subarray = FULL | NIS\_CEN |
| If niriss\_exposure\_specification.subarray = SUB64 | NIS\_SUB64 |
| If niriss\_exposure\_specification.subarray = SUB128 | NIS\_SUB128 |
| If niriss\_exposure\_specification.subarray = SUB256 | NIS\_SUB256 |

5.2 NIRISS Focus Template

|  |  |
| --- | --- |
| Rules | AperName |
| *always* | NIS\_CEN |

5.3 NIRISS WFSS Template

|  |  |
| --- | --- |
| Rules | AperName |
| *always* | NIS\_CEN |

5.4 NIRISS SOSS Template

For target acquisition:

|  |  |
| --- | --- |
| Rules | AperName |
| *Always* | NIS\_SOSSTA |

For science:

|  |  |
| --- | --- |
| Rules | AperName |
| If niriss\_exposure\_specification.subarray = SUBSTRIP96 | NIS\_SUBSTRIP96 |
| If niriss\_exposure\_specification.subarray = SUBSTRIP256 | NIS\_SUBSTRIP256 |
| If niriss\_exposure\_specification.subarray = FULL | NIS\_SOSSFULL |

5.5 NIRISS AMI Template

For target acquisition:

|  |  |
| --- | --- |
| Rules | AperName |
| *Always* | NIS\_AMITA |

For science:

|  |  |
| --- | --- |
| Rules | AperName |
| If niriss\_exposure\_specification.subarray = SUB80 | NIS\_AMI1 |
| If niriss\_exposure\_specification.subarray = FULL | NIS\_AMIFULL |

5.6 NIRISS External Calibrations Template

For target acquisition:

|  |  |
| --- | --- |
| Rules | AperName |
| If niriss\_target\_acq.acquisition\_mode = SOSSBRIGHT | NIS\_SOSSTA |
| If niriss\_target\_acq.acquisition\_mode = SOSSFAINT | NIS\_SOSSTA |
| If niriss\_target\_acq.acquisition\_mode = AMIBRIGHT | NIS\_AMITA |
| If niriss\_target\_acq.acquisition\_mode = AMIFAINT | NIS\_AMITA |

For science:

|  |  |
| --- | --- |
| Rules | AperName |
| If niriss\_exposure\_specification.subarray = FULL | NIS\_CEN |
| If niriss\_exposure\_specification.subarray = SUB64 | NIS\_SUB64 |
| If niriss\_exposure\_specification.subarray = SUB80 | NIS\_AMI1 |
| If niriss\_exposure\_specification.subarray = SUB128 | NIS\_SUB128 |
| If niriss\_exposure\_specification.subarray = SUB256 | NIS\_SUB256 |
| If niriss\_exposure\_specification.subarray = WFSS64R | NIS\_WFSS64R |
| If niriss\_exposure\_specification.subarray = WFSS64C | NIS\_WFSS64C |
| If niriss\_exposure\_specification.subarray = WFSS128R | NIS\_WFSS128R |
| If niriss\_exposure\_specification.subarray = WFSS128C | NIS\_WFSS128C |
| If niriss\_exposure\_specification.subarray = SUBSTRIP96 | NIS\_SUBSTRIP96 |
| If niriss\_exposure\_specification.subarray = SUBSTRIP256 | NIS\_SUBSTRIP256 |
| If niriss\_exposure\_specification.subarray = SUBAMPCAL | NIS\_SUBAMPCAL |
| If niriss\_exposure\_specification.subarray = SUBTASOSS | NIS\_SOSSTA |
| If niriss\_exposure\_specification.subarray = SUBTAAMI | NIS\_AMITA |