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| **RN reference:**  (RN\_nnn) | RN\_017 | **Completed by:** | Claire Bulgin | **Date:** | 29/08/19 |
| **Code identification (MMS, FCDRs, tools, Harmonisation, CDRs)** | Ensemble FCDR | **Type of release: major minor** | Major | **Reason for release:** | First release |

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| **Reference of new version of code:** | | v1.0  Data produced from this code is at:  https://catalogue.ceda.ac.uk/uuid/631e1f22d1754b78b5a64a3d66f4ce73 | |
| **File name** | | Baseline files: FIDUCEO\_FCDR\_L1C\_AVHRR\_{sensor}{channel}\_YYMMDDHHMMSS\_ YYMMDDHHMMSS\_EASY\_v0.3Bet\_fv2.0.0.nc  Ensemble files:  FIDUCEO\_FCDR\_L1C\_AVHRR\_{sensor}{channel}\_YYMMDDHHMMSS\_ YYMMDDHHMMSS\_EASY\_v0.3Bet\_fv2.0.0\_Ensemble.nc  Currently these files are being renamed to v1.00 for final project delivery  FIDUCEO\_FCDR\_L1C\_AVHRR\_{sensor}{channel}\_YYMMDDHHMMSS\_ YYMMDDHHMMSS\_EASY\_v1.00\_fv2.0.0.nc  Ensemble files:  FIDUCEO\_FCDR\_L1C\_AVHRR\_{sensor}{channel}\_YYMMDDHHMMSS\_ YYMMDDHHMMSS\_EASY\_v1.00\_fv2.0.0\_Ensemble.nc | |
| **Git repository** | | https://github.com/FIDUCEO/FCDR\_AVHRR/releases/tag/v1.0 | |
| **Gittrack fixed issues:** | | N/A | |
| **New features:** | | New dataset – Baseline AVHRR brightness temperature plus ten member ensemble of perturbed L1 data. | |
| **Other aux files needed.** | | N/A | |
| **FCDR:** | **FCDRs: List of sensors** | | MetopA |
|  | **FCDRs: Time range** | | 11/2006-12/2016 |
|  | **FCDR data source. Eg NOAA-CLASS** | | NOAA-CLASS |
| **CDR:** | **FCDR source file(s) and version** | | N/A |
| **Total number of files in sensor subdirectories:** | | /AVHRRMTA\_G/ - 72,838 baseline files  /AVHRRMTA\_G/ - 73,005 ensemble files | |
| **Total size and average file size** | | Baseline files: 1.7 T total, average file size 23.7 M.  Ensemble files: total 4 G, average file size 55.8 K. | |
| **Items to be updated :** | |  | |
| * **Documentation,**   **(PUG)** | | D.2-4e (Assessment of derived Ens ST CDR)  D.5-5 (PUG for Ens ST CDR) | |
| * **Cookbook Guides** | | See website | |
| * **Website** | | <http://www.fiduceo.eu/>  or https://research.reading.ac.uk/fiduceo/ | |
| * **Other** | |  | |
| **Code reviewed by:** | | Jon Mittaz | |
| **Release note reviewed by:** | | University of Reading | |