

## INSTRU - Issues

| #    | Tracker | Status | Priority  | Subject   | Assignee                | Updated             |
|------|---------|--------|-----------|---|-------------------------|---------------------|
| 15   | Task    | New    | Normal    | Taux de remplissage des FIFOs du waveform picker                        | Jean-Christophe Pellion | 03/12/2013 10:10 AM |
| 126  | Task    | New    | Normal    | Fill the feature page   | Alexis Jeandet          | 23/04/2014 08:42 AM |
| 260  | Task    | New    | High      | Part Stress Analysis  | Alexis Jeandet          | 21/11/2014 09:30 AM |
| 398  | Task    | New    | Normal    | Utilisez le script periodicity.py sur les tests de Gerald               | Veronique bouzid        | 25/05/2015 11:08 AM |
| 492  | Task    | New    | Normal    | Implementation Timing LFR   | Veronique bouzid        | 21/09/2015 09:53 AM |
| 873  | Task    | New    | Normal    | Prévoir un test où l'on vérifie la superposition des masques RW + FBINS | bruno katra             | 30/12/2016 04:35 PM |
| 1378 | Task    | New    | Immediate | Test LFR boot Vs Temperature Vs sub_1V5 voltage                         | Alexis Jeandet          | 12/05/2017 04:29 PM |
| 697  | Task    | New    | Normal    | LFR technical specification updates related to FSW-R3+                  | Alexis Jeandet          | 22/06/2018 05:24 PM |
| 2117 | Task    | New    | Normal    | Identifier un trou de donnée  |                         | 14/02/2019 09:59 AM |
| 2102 | Task    | New    | Normal    | Vérifier le paramétrage de la synchronisation                           |                         | 14/02/2019 09:59 AM |
| 2118 | Task    | New    | Normal    | Intégrer le nouveau format JSON   |                         | 14/02/2019 09:59 AM |
| 2103 | Task    | New    | Normal    | Affiner les étapes de téléchargement de la progress bar                 |                         | 14/02/2019 09:59 AM |
| 2046 | Task    | New    | Normal    | arbre JSON  | Laurent Mirioni         | 14/02/2019 09:59 AM |
| 2052 | Task    | New    | Normal    | layout dynamique des plots  |                         | 14/02/2019 09:59 AM |
| 2051 | Task    | New    | Normal    | debug/feedback backend catalog  |                         | 14/02/2019 09:59 AM |
| 2050 | Task    | New    | Normal    | implémentation du backend catalog                                       |                         | 14/02/2019 09:59 AM |
| 2049 | Task    | New    | Normal    | design backend catalog  |                         | 14/02/2019 09:59 AM |
| 2048 | Task    | New    | Normal    | Drag and Drop   |                         | 14/02/2019 09:59 AM |
| 2047 | Task    | New    | Normal    | test import/export VOTable  | Laurent Mirioni         | 14/02/2019 09:59 AM |
| 2059 | Task    | New    | Normal    | debug/feedback curseurs zones   |                         | 14/02/2019 09:59 AM |
| 2058 | Task    | New    | Normal    | Design et implementation curseurs/zone dans les plots                   |                         | 14/02/2019 09:59 AM |
| 2057 | Task    | New    | Normal    | feedback debug GUI catalog  |                         | 14/02/2019 09:59 AM |
| 2056 | Task    | New    | Normal    | implémentation du GUI catalog   |                         | 14/02/2019 09:59 AM |
| 2055 | Task    | New    | Normal    | design GUI catalog  |                         | 14/02/2019 09:59 AM |
| 2054 | Task    | New    | Normal    | feedback/debug spectro  |                         | 14/02/2019 09:59 AM |
| 2082 | Task    | New    | Normal    | Mock rampe  |                         | 14/02/2019 09:59 AM |
| 2081 | Task    | New    | Normal    | Sciqlop sur MAC   |                         | 14/02/2019 09:59 AM |
| 2061 | Task    | New    | Normal    | design + implementation sélection temps versus orbit                    |                         | 14/02/2019 09:59 AM |
| 2060 | Task    | New    | Normal    | Settings plot par défaut + ergonomie (axes, légendes..)                 |                         | 14/02/2019 09:59 AM |
| 2083 | Task    | New    | Normal    | Widget de configuration du mock   |                         | 14/02/2019 09:59 AM |
| 2165 | Task    | New    | Normal    | Drop de produits dans la visu   |                         | 14/02/2019 09:59 AM |

| #    | Tracker | Status | Priority | Subject   | Assignee | Updated             |
|------|---------|--------|----------|---|----------|---------------------|
| 2110 | Task    | New    | Normal   | Test fonctionnelles AMDA aléatoire  |          | 14/02/2019 09:59 AM |
| 2222 | Task    | New    | Normal   | Drop d'évènements dans la visu  |          | 14/02/2019 09:59 AM |
| 2214 | Task    | New    | Normal   | Diff de catalogue   |          | 14/02/2019 09:59 AM |
| 2251 | Task    | New    | Normal   | Amélioration du drop sur un graphe existant   |          | 14/02/2019 09:59 AM |
| 2238 | Task    | New    | Normal   | Zoom sur l'axe Y d'un spectrogramme   |          | 14/02/2019 09:59 AM |
| 2441 | Task    | New    | Normal   | Suppression de tous les Evènements  |          | 14/02/2019 09:59 AM |
| 2440 | Task    | New    | Normal   | Suppression d'un Evènement  |          | 14/02/2019 09:59 AM |
| 2439 | Task    | New    | Normal   | Ajout d'un Evènement  |          | 14/02/2019 09:59 AM |
| 2390 | Task    | New    | Normal   | Mauvaise représentation Y des spectrogrammes  |          | 14/02/2019 09:59 AM |
| 2448 | Task    | New    | Normal   | SearchBox modifie le catalogue et son attribut requête  |          | 14/02/2019 09:59 AM |
| 2444 | Task    | New    | Normal   | Actions « Empty Trash » depuis menu contextuel  |          | 14/02/2019 09:59 AM |
| 2443 | Task    | New    | Normal   | Afficher le nombre d'Evènement dedans depuis le nœud  |          | 14/02/2019 09:59 AM |
| 2442 | Task    | New    | Normal   | Restauration d'un Evènement   |          | 14/02/2019 09:59 AM |
| 2480 | Task    | New    | Normal   | Le déplacement d'un évènement sur l'affichage doit entraîner la modification de l'évènement depuis l'inspecteur |          | 14/02/2019 09:59 AM |
| 2479 | Task    | New    | Normal   | Suppression des catalogues décochées  |          | 14/02/2019 09:59 AM |
| 2478 | Task    | New    | Normal   | Affichage des catalogues cochées  |          | 14/02/2019 09:59 AM |
| 2477 | Task    | New    | Normal   | L'affichage utilise les événements/catalogues dans leur état modifié  |          | 14/02/2019 09:59 AM |
| 2476 | Task    | New    | Normal   | Ajout de la roue et de son sous menu lié au catalogue   |          | 14/02/2019 09:59 AM |
| 2487 | Task    | New    | Normal   | Exporter un DB via menu contextuelle du nœud DB   |          | 14/02/2019 09:59 AM |
| 2486 | Task    | New    | Normal   | Ajouter un DB via un menu dédié   |          | 14/02/2019 09:59 AM |
| 2483 | Task    | New    | Normal   | Affichage d'un catalogue sur une zone   |          | 14/02/2019 09:59 AM |
| 2482 | Task    | New    | Normal   | Suppression d'évènement   |          | 14/02/2019 09:59 AM |
| 2489 | Task    | New    | Normal   | Création de catalogue à partir d'intersection d'autre catalogues  |          | 14/02/2019 09:59 AM |
| 2488 | Task    | New    | Normal   | Création de catalogue à partir d'union d'autre catalogues   |          | 14/02/2019 09:59 AM |
| 2494 | Task    | New    | Normal   | Filtre les événements   |          | 14/02/2019 09:59 AM |
| 2493 | Task    | New    | Normal   | Widget malin et ergonomique   |          | 14/02/2019 09:59 AM |
| 2492 | Task    | New    | Normal   | Ajout/suppression du menu File  |          | 14/02/2019 09:59 AM |
| 2491 | Task    | New    | Normal   | Changement version sciqlop  |          | 14/02/2019 09:59 AM |
| 2498 | Task    | New    | Normal   | SearchBox modifie le catalogue et son attribut requête  |          | 14/02/2019 09:59 AM |
| 2497 | Task    | New    | Normal   | Suppression d'un Evènement  |          | 14/02/2019 09:59 AM |
| 2495 | Task    | New    | Normal   | Ajouter un Catalogue dynamique  |          | 14/02/2019 09:59 AM |
| 2455 | Task    | New    | Normal   | Mauvaise synchronisation entre deux graphes   |          | 14/02/2019 09:59 AM |

| #    | Tracker | Status      | Priority  | Subject   | Assignee                | Updated             |
|------|---------|-------------|-----------|---|-------------------------|---------------------|
| 2509 | Task    | New         | Normal    | Ajouter l'opération d'annulation  |                         | 14/02/2019 09:59 AM |
| 1274 | Task    | New         | Low       | Acquisition de données (API générale)   |                         | 14/02/2019 10:16 AM |
| 1880 | Task    | New         | Normal    | Révision de la conception du doc API  |                         | 14/02/2019 10:16 AM |
| 704  | Task    | New         | Normal    | Readme in QLOP source code  |                         | 14/02/2019 10:16 AM |
| 674  | Task    | New         | Normal    | code comments   |                         | 14/02/2019 10:16 AM |
| 1786 | Task    | New         | High      | Affichage d'une marqueur vertical   |                         | 14/02/2019 10:16 AM |
| 1376 | Task    | New         | Low       | Acquisition de données (API générale)   |                         | 14/02/2019 10:16 AM |
| 1948 | Task    | New         | Normal    | Lancer l'annulation de la requête en cas de timeout de débit  |                         | 14/02/2019 10:16 AM |
| 1947 | Task    | New         | Normal    | Mettre en place un timeout lié à la perte de débit  |                         | 14/02/2019 10:16 AM |
| 1677 | Task    | New         | Normal    | Création d'une zone de visualisation depuis l'arborescence de données (menu)  |                         | 14/02/2019 10:16 AM |
| 1589 | Task    | New         | Normal    | Regarder l'cov sous windows   |                         | 14/02/2019 10:16 AM |
| 1706 | Task    | New         | High      | Widget de connexion a AMDA  |                         | 14/02/2019 10:16 AM |
| 1756 | Task    | New         | Urgent    | Mock sous linux   |                         | 14/02/2019 10:16 AM |
| 1691 | Task    | New         | Immediate | Ajout d'une variable dans un graphe existant depuis l'arborescence de données (menu)                                  |                         | 14/02/2019 10:16 AM |
| 1459 | Task    | New         | Immediate | Ajout d'une variable dans un nouveau graphe depuis un catalogue (drag-and-drop)                                       |                         | 14/02/2019 10:16 AM |
| 1453 | Task    | New         | Immediate | Ajout d'une variable dans un graphe existant depuis un catalogue (drag-and-drop)                                      |                         | 14/02/2019 10:16 AM |
| 1451 | Task    | New         | Immediate | Suppression d'un graphe d'une zone de visualisation   |                         | 14/02/2019 10:16 AM |
| 1435 | Task    | New         | Immediate | Création d'une zone de visualisation depuis un catalogue (drag-and-drop)  |                         | 14/02/2019 10:16 AM |
| 1340 | Task    | New         | Immediate | Edition par drag-and-drop d'un intervalle de temps d'un catalogue   |                         | 14/02/2019 10:16 AM |
| 3144 | Task    | New         | Normal    | Remove variable type inference from metadata "static DataSeriesType findDataSeriesType(const QVariantHash &metadata)" |                         | 14/02/2019 10:37 AM |
| 3619 | Task    | New         | Normal    | Répartition des tâches  |                         | 01/02/2021 09:34 AM |
| 3850 | Task    | New         | High      | Validate BBM board(s)   | Dominique Alison        | 20/05/2021 04:17 PM |
| 3814 | Task    | New         | High      | Electronics BBM   |                         | 30/05/2021 04:53 PM |
| 3813 | Task    | New         | High      | BBM   |                         | 30/05/2021 04:53 PM |
| 4001 | Task    | New         | Normal    | Adapter le code IDL d'MMS/SCM à JUICE/SCM   | Laurent Mirioni         | 07/12/2022 07:44 AM |
| 4003 | Task    | New         | Normal    | MàJ du document Ground Segment Development Plan for RPWI  | Laurent Mirioni         | 07/12/2022 05:30 PM |
| 3998 | Task    | New         | High      | Documenter le code MMS/SCM avec IDLdoc  | Laurent Mirioni         | 04/01/2023 12:04 PM |
| 4024 | Task    | New         | Normal    | Première version calibration python   | Theo Stassen            | 28/07/2023 07:02 PM |
| 16   | Task    | In Progress | Normal    | Documentation système du module Spectral Matrices"  | Jean-Christophe Pellion | 10/02/2015 04:28 PM |
| 20   | Task    | In Progress | Normal    | Version de la grlib ft  | Vincent Leray           | 04/06/2015 03:45 PM |
| 228  | Task    | In Progress | Normal    | DECIMATION  | Jean-Christophe Pellion | 05/06/2015 03:25 PM |

| #    | Tracker | Status      | Priority | Subject  | Assignee         | Updated             |
|------|---------|-------------|----------|--|------------------|---------------------|
| 2089 | Task    | In Progress | Normal   | Indiquer pour une variable son état d'acquisition  |                  | 14/02/2019 09:59 AM |
| 2044 | Task    | In Progress | Normal   | spectro notebook   | Laurent Mirioni  | 14/02/2019 09:59 AM |
| 2045 | Task    | In Progress | High     | aide spectro   | Laurent Mirioni  | 14/02/2019 09:59 AM |
| 2108 | Task    | In Progress | Normal   | Test unitaires complémentaires   |                  | 14/02/2019 09:59 AM |
| 2109 | Task    | In Progress | Normal   | MAJ Test fonctionnelles AMDA   |                  | 14/02/2019 09:59 AM |
| 663  | Task    | In Progress | Normal   | Improve filter performance in space data tree  |                  | 14/02/2019 10:16 AM |
| 1851 | Task    | In Progress | Normal   | Arranger les labels de temps pour plus de précisions   |                  | 14/02/2019 10:16 AM |
| 1273 | Task    | In Progress | Normal   | Lecture du squelette (API générale)  |                  | 14/02/2019 10:16 AM |
| 3612 | Task    | In Progress | Normal   | Analyse du cahier des charges  | joel moutoussamy | 23/01/2021 05:27 PM |
| 3613 | Task    | In Progress | Normal   | Liste du matériel/logiciel   | joel moutoussamy | 23/01/2021 05:30 PM |
| 3877 | Task    | In Progress | Normal   | Matrices de passage par défaut pour les ASM : à valider  | Alexis Jeandet   | 11/03/2022 06:55 PM |
| 3897 | Task    | In Progress | Low      | Faire un test avec les matrices de chgt de repère/calibration mises à 1 et 0 pour reproduire le comportement du FSW <=3.2.0.24 | bruno katra      | 06/10/2022 11:13 AM |
| 3991 | Task    | In Progress | Normal   | Mise en place d'un protocole de test pour la validation de la correction du bug sur le moyennage des SM à F0 et F1             | bruno katra      | 14/12/2022 12:54 PM |
| 4000 | Task    | In Progress | High     | Formatage des commentaires MMS/SCM   | Laurent Mirioni  | 04/01/2023 12:04 PM |
| 4029 | Task    | In Progress | Normal   | Extract and export cdf file  | Theo Stassen     | 15/02/2023 04:54 PM |
| 4067 | Task    | In Progress | Normal   | Create Calibrate CDF function  | Theo Stassen     | 11/04/2023 03:09 PM |
| 4089 | Task    | In Progress | Normal   | ConfigHandler modularity implementation  | Theo Stassen     | 17/05/2023 05:03 PM |
| 4115 | Task    | In Progress | Normal   | Mise à jour DP R3.3 suite à émission des RIDS par le CNES  | bruno katra      | 08/08/2023 03:00 PM |
| 4157 | Task    | In Progress | Normal   | Create interactive version of quicklook, to analyse cdf data   | Theo Stassen     | 18/09/2023 02:02 PM |
| 4267 | Task    | In Progress | Normal   | Creation of a visual documentation of the code   | Theo Stassen     | 09/02/2024 06:47 PM |
| 4030 | Task    | Resolved    | Normal   | Bessel filter  | Theo Stassen     | 15/02/2023 04:57 PM |
| 4031 | Task    | Resolved    | Normal   | DFB filter   | Theo Stassen     | 16/02/2023 05:38 PM |
| 4037 | Task    | Resolved    | Normal   | Bandpass filter  | Theo Stassen     | 24/02/2023 05:42 PM |
| 4039 | Task    | Resolved    | Normal   | Unit test Bessel filter  | Theo Stassen     | 24/02/2023 05:46 PM |
| 4040 | Task    | Resolved    | Normal   | Unit test DFB  | Theo Stassen     | 24/02/2023 05:48 PM |
| 4032 | Task    | Resolved    | Normal   | Antenna response function  | Theo Stassen     | 02/03/2023 10:31 AM |
| 4041 | Task    | Resolved    | Normal   | Unit test Antenna filter   | Theo Stassen     | 02/03/2023 10:32 AM |
| 4028 | Task    | Resolved    | Normal   | Create Kernel in python  | Theo Stassen     | 02/03/2023 10:35 AM |
| 4033 | Task    | Resolved    | Normal   | Fourier transform (and inverse transform) function   | Theo Stassen     | 14/03/2023 05:49 PM |
| 4045 | Task    | Resolved    | Normal   | Reorganise the code to have all config/metadatas in one csv file, called by the unit tests                                     | Theo Stassen     | 14/03/2023 05:49 PM |
| 4044 | Task    | Resolved    | Normal   | Create unit test for corgain (ant, dfb, bessel)  | Theo Stassen     | 14/03/2023 05:49 PM |
| 4038 | Task    | Resolved    | Normal   | Discover units test python methods and Create Unit tests of the kernel   | Theo Stassen     | 15/03/2023 12:48 PM |

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|------|---------|----------|----------|---|--------------|---------------------|
| 4050 | Task    | Resolved | Normal   | Create the kernel_creation function   | Theo Stassen | 15/03/2023 04:02 PM |
| 4051 | Task    | Resolved | Normal   | Unit test kernel_creation   | Theo Stassen | 15/03/2023 04:05 PM |
| 4043 | Task    | Resolved | Normal   | Create the complete Kernel  | Theo Stassen | 15/03/2023 04:05 PM |
| 4052 | Task    | Resolved | Normal   | Full code documentation   | Theo Stassen | 15/03/2023 04:07 PM |
| 4054 | Task    | Resolved | Normal   | Hanning window creation   | Theo Stassen | 15/03/2023 04:24 PM |
| 4055 | Task    | Resolved | Normal   | Check real/imag parts   | Theo Stassen | 15/03/2023 04:27 PM |
| 4056 | Task    | Resolved | Normal   | Shift kernel  | Theo Stassen | 15/03/2023 04:29 PM |
| 4057 | Task    | Resolved | Normal   | Coscut window creation  | Theo Stassen | 15/03/2023 04:30 PM |
| 4058 | Task    | Resolved | Normal   | Gaussian window creation  | Theo Stassen | 15/03/2023 04:30 PM |
| 4059 | Task    | Resolved | Normal   | Trapezoid window creation   | Theo Stassen | 15/03/2023 04:31 PM |
| 4060 | Task    | Resolved | Normal   | Unit test deconvo_vec (for each window type)  | Theo Stassen | 15/03/2023 04:31 PM |
| 4053 | Task    | Resolved | Normal   | Create deconvo_vec function (kernel part)   | Theo Stassen | 15/03/2023 04:31 PM |
| 4062 | Task    | Resolved | Normal   | Correct the documentation strings warnings and pylint errors (if possible)            | Theo Stassen | 17/03/2023 05:49 PM |
| 4061 | Task    | Resolved | Normal   | deconvo_vec convolution part  | Theo Stassen | 24/03/2023 05:54 PM |
| 4065 | Task    | Resolved | Normal   | Implement blk_con IDL function  | Theo Stassen | 31/03/2023 06:03 PM |
| 4066 | Task    | Resolved | Normal   | Implement graphical comparison between idl and python calibration                     | Theo Stassen | 31/03/2023 06:03 PM |
| 4068 | Task    | Resolved | Normal   | Implement the blocks separation, calibration and concatenation after being calibrated | Theo Stassen | 31/03/2023 06:07 PM |
| 4069 | Task    | Resolved | Normal   | Implement the cdf writing of results  | Theo Stassen | 11/04/2023 03:09 PM |
| 4070 | Task    | Resolved | Normal   | Implement function that compare two l1b cdf file data                                 | Theo Stassen | 11/04/2023 03:09 PM |
| 4071 | Task    | Resolved | Normal   | General class to compare waveforms, in order to compare easily different cdf results  | Theo Stassen | 11/04/2023 03:11 PM |
| 4076 | Task    | Resolved | Normal   | Implementation of ConfigHandler class   | Theo Stassen | 26/04/2023 05:39 PM |
| 4077 | Task    | Resolved | Normal   | Implement function that compute the spectrogram of a waveform                         | Theo Stassen | 26/04/2023 05:41 PM |
| 4078 | Task    | Resolved | Normal   | Implement a simple spectrogram plot   | Theo Stassen | 26/04/2023 05:42 PM |
| 4079 | Task    | Resolved | Normal   | Create function that plot multiple spectrograms                                       | Theo Stassen | 26/04/2023 05:44 PM |
| 4081 | Task    | Resolved | Normal   | Create Function that compare idl spectrum and computed spectrum                       | Theo Stassen | 27/04/2023 06:19 PM |
| 4085 | Task    | Resolved | Normal   | Reorganise and simplify spectra related functions                                     | Theo Stassen | 05/05/2023 06:41 PM |
| 4086 | Task    | Resolved | Normal   | Spectra densities computation   | Theo Stassen | 16/05/2023 02:19 PM |
| 4087 | Task    | Resolved | Normal   | Spectra densities plot and comparison   | Theo Stassen | 16/05/2023 03:24 PM |
| 4088 | Task    | Resolved | Normal   | Completely change ConfigHandler functioning   | Theo Stassen | 16/05/2023 03:40 PM |
| 4091 | Task    | Resolved | Normal   | Global attributes and cdf name gestion  | Theo Stassen | 16/05/2023 04:27 PM |
| 4092 | Task    | Resolved | Normal   | default / current / limits config gestion   | Theo Stassen | 16/05/2023 04:28 PM |
| 4094 | Task    | Resolved | Normal   | kernel_creation.py reworked for modularity  | Theo Stassen | 16/05/2023 04:31 PM |
| 4093 | Task    | Resolved | Normal   | Make class for deduce parameter values, depending on other parameters                 | Theo Stassen | 17/05/2023 05:03 PM |

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|------|---------|----------|----------|---|--------------|---------------------|
| 4095 | Task    | Resolved | Normal   | Implement system of class extends for kernel creation and deduce_parameters                             | Theo Stassen | 17/05/2023 05:08 PM |
| 4099 | Task    | Resolved | Normal   | Spectra powers computation  | Theo Stassen | 30/05/2023 11:16 AM |
| 4101 | Task    | Resolved | Normal   | Quicklook computation / plot  | Theo Stassen | 30/05/2023 11:32 AM |
| 4102 | Task    | Resolved | Normal   | Config Handler and config files modifications / improvements  | Theo Stassen | 30/05/2023 11:35 AM |
| 4103 | Task    | Resolved | Normal   | Modularisation of calibrate data block  | Theo Stassen | 30/05/2023 11:36 AM |
| 4100 | Task    | Resolved | Normal   | Spectra powers plot / comparison  | Theo Stassen | 30/05/2023 11:36 AM |
| 4105 | Task    | Resolved | Normal   | Create functional Diagram of the code   | Theo Stassen | 05/06/2023 06:27 PM |
| 4106 | Task    | Resolved | Normal   | Sphinx documentation with cross referencing, complete explanations, structurations : calibration part   | Theo Stassen | 05/06/2023 06:29 PM |
| 4107 | Task    | Resolved | Normal   | Sphinx documentation with cross referencing, complete explanations, structurations : configuration part | Theo Stassen | 05/06/2023 06:30 PM |
| 4108 | Task    | Resolved | Normal   | Sphinx documentation with cross referencing, complete explanations, structurations : evaluation part    | Theo Stassen | 05/06/2023 06:31 PM |
| 4109 | Task    | Resolved | Normal   | Rewrite the readme with a summary of the documentation  | Theo Stassen | 08/06/2023 10:32 AM |
| 4110 | Task    | Resolved | Normal   | Analyse fichiers L1A JUICE  | Theo Stassen | 08/06/2023 10:36 AM |
| 4112 | Task    | Resolved | Normal   | Add freq samp deducing function in deduce parameters  | Theo Stassen | 09/06/2023 06:41 PM |
| 4113 | Task    | Resolved | Normal   | Reorganise functions (kernel conv window, waveform padding, set frequency first, calfactor              | Theo Stassen | 09/06/2023 06:43 PM |
| 4116 | Task    | Resolved | Normal   | Adapt the code to use SCHB mode   | Theo Stassen | 15/06/2023 06:30 PM |
| 4117 | Task    | Resolved | Normal   | Adapt the code to have correct visual representation of SHCB results                                    | Theo Stassen | 15/06/2023 06:33 PM |
| 4120 | Task    | Resolved | Normal   | Add documentation on all code parameters  | Theo Stassen | 19/06/2023 05:45 PM |
| 4122 | Task    | Resolved | Normal   | Make correct and complete quicklook, with same infos than MMS IDL's one                                 | Theo Stassen | 23/06/2023 11:54 AM |
| 4124 | Task    | Resolved | Normal   | Create script with inline inputs, for calibrate and quicklook   | Theo Stassen | 23/06/2023 12:02 PM |
| 4125 | Task    | Resolved | Normal   | Make inline arguments gestion modular, in separate function, to use it in all scripts                   | Theo Stassen | 27/06/2023 11:45 AM |
| 4126 | Task    | Resolved | Normal   | Modify config handler (config file gestion) and adapt to the new config handler use in every functions  | Theo Stassen | 27/06/2023 11:50 AM |
| 4129 | Task    | Resolved | Normal   | Resolve plenty of problems concerning configHandler   | Theo Stassen | 03/07/2023 04:48 PM |
| 4130 | Task    | Resolved | Normal   | Implement a first bash script, with auto venv use   | Theo Stassen | 03/07/2023 04:49 PM |
| 4132 | Task    | Resolved | Normal   | Make the cdf data extraction modular to prepare the different extraction needed                         | Theo Stassen | 03/07/2023 04:52 PM |
| 4133 | Task    | Resolved | Normal   | Adapt the matlab code for cdf data extraction (JUICE sid7)  | Theo Stassen | 10/07/2023 04:46 PM |
| 4138 | Task    | Resolved | Normal   | Produce a waveform plot of JUICE data using code based on matlab code                                   | Theo Stassen | 10/07/2023 04:49 PM |
| 4139 | Task    | Resolved | Normal   | Take the python code of David Pisa instead of Matlab code   | Theo Stassen | 10/07/2023 04:52 PM |
| 4140 | Task    | Resolved | Normal   | Resolve the problem with epochs to be able to quicklook data  | Theo Stassen | 10/07/2023 04:56 PM |
| 4145 | Task    | Resolved | Normal   | Create generic log printer (for log file and/or terminal)   | Theo Stassen | 17/07/2023 11:03 AM |
| 4149 | Task    | Resolved | Normal   | Add systematical logs for each steps (with error excepts, errors, warnings, infos) in calibration part  | Theo Stassen | 21/07/2023 06:51 PM |
| 4150 | Task    | Resolved | Normal   | Modify the extract data/ epoch part to handle JUICE SID 1/2/3/7 separately                              | Theo Stassen | 21/07/2023 06:52 PM |
| 4151 | Task    | Resolved | Normal   | Reorganisation of kernel construction   | Theo Stassen | 21/07/2023 06:56 PM |

| #    | Tracker | Status   | Priority | Subject  | Assignee     | Updated             |
|------|---------|----------|----------|--|--------------|---------------------|
| 4154 | Task    | Resolved | Normal   | Add systematical logs for each steps (with error excepts, errors, warnings, infos) in evaluation part and the rest                       | Theo Stassen | 28/07/2023 07:00 PM |
| 4155 | Task    | Resolved | Normal   | Create and improve the scripts to have 3 fully independent and functional scripts  | Theo Stassen | 28/07/2023 07:02 PM |
| 4158 | Task    | Resolved | Normal   | Find proper tools and solutions fo allow data refresh in quicklook   | Theo Stassen | 31/08/2023 06:24 PM |
| 4159 | Task    | Resolved | Normal   | Find proper solution for zoom / move of data   | Theo Stassen | 31/08/2023 06:28 PM |
| 4160 | Task    | Resolved | Normal   | Create a version of quicklook with some parameter buttons that modify spectra  | Theo Stassen | 31/08/2023 06:29 PM |
| 4163 | Task    | Resolved | Normal   | Fusion the static and interactive quicklooks by using same plot functions (same fig/axis handle) -> make it modular                      | Theo Stassen | 05/09/2023 06:36 PM |
| 4164 | Task    | Resolved | Normal   | Modify the visuals of interactive and static quicklook to be more modular  | Theo Stassen | 05/09/2023 06:38 PM |
| 4165 | Task    | Resolved | Normal   | Modify deeply the code organisation to have separate part for compare cdfs / interactive plot and one function (plot data) for all plots | Theo Stassen | 08/09/2023 06:51 PM |
| 4168 | Task    | Resolved | Normal   | Improve and resolve problems / bugs concerning interactive plots   | Theo Stassen | 18/09/2023 01:55 PM |
| 4171 | Task    | Resolved | Normal   | Add buttons to change the content struct   | Theo Stassen | 18/09/2023 02:02 PM |
| 4172 | Task    | Resolved | Normal   | Adapt the calibration / evaluation code to allow JUICE files   | Theo Stassen | 18/09/2023 02:07 PM |
| 4180 | Task    | Resolved | Normal   | JUICE quicklook analysis   | Theo Stassen | 29/09/2023 06:45 PM |
| 4181 | Task    | Resolved | Normal   | Code reorganisation to have scripts separately + debugging   | Theo Stassen | 29/09/2023 06:47 PM |
| 4179 | Task    | Resolved | Normal   | Juice files first calibration  | Theo Stassen | 29/09/2023 06:47 PM |
| 4187 | Task    | Resolved | Normal   | Code Analysis / Investigation / Tests / Experiments in order to have same spectra densities results than matlab code                     | Theo Stassen | 06/10/2023 06:15 PM |
| 4190 | Task    | Resolved | Normal   | Make all the variables of input cdf be in output cdf   | Theo Stassen | 10/10/2023 06:55 PM |
| 4191 | Task    | Resolved | Normal   | Make the script able to specify freely custom values of any parameters   | Theo Stassen | 10/10/2023 06:56 PM |
| 4193 | Task    | Resolved | Normal   | register all remaining taks written these last month in a summary document   | Theo Stassen | 17/10/2023 04:44 PM |
| 4196 | Task    | Resolved | Normal   | Create script for documentation generation (cleaning/creation/show)  | Theo Stassen | 17/10/2023 04:48 PM |
| 4206 | Task    | Resolved | Normal   | Documentation complete add and upgrade   | Theo Stassen | 27/10/2023 05:43 PM |
| 4208 | Task    | Resolved | Normal   | First version of a "time extract" method   | Theo Stassen | 27/10/2023 05:44 PM |
| 4210 | Task    | Resolved | Normal   | Finish complete time extract method  | Theo Stassen | 06/11/2023 11:57 AM |
| 4211 | Task    | Resolved | Normal   | implement system to check the version of cdf files and take the chosen version of cdfs when doing time extract                           | Theo Stassen | 06/11/2023 11:59 AM |
| 4212 | Task    | Resolved | Normal   | Create 'file name' used in plot resulting of the merge of multiple cdf files   | Theo Stassen | 06/11/2023 12:01 PM |
| 4214 | Task    | Resolved | Normal   | Create a sh script that use time extract, by specifying a time limits and a cdfs dir   | Theo Stassen | 06/11/2023 12:03 PM |
| 4215 | Task    | Resolved | Normal   | Modify the extract_cdf methods to have a merge between extract and time extract  | Theo Stassen | 06/11/2023 12:05 PM |
| 4216 | Task    | Resolved | Normal   | Modify the extract argvs and env var method to handle solo and multiple extract in one time  | Theo Stassen | 06/11/2023 12:12 PM |
| 4218 | Task    | Resolved | Normal   | Make all the python and sh scripts using freely multiple or solo extract method  | Theo Stassen | 07/11/2023 06:38 PM |
| 4221 | Task    | Resolved | Normal   | Create a GUI for selection of a range of time to plot  | Theo Stassen | 13/11/2023 06:50 PM |
| 4223 | Task    | Resolved | Normal   | Find the problem of difference between matlab and python code  | Theo Stassen | 13/11/2023 06:54 PM |

| #    | Tracker | Status   | Priority | Subject   | Assignee     | Updated             |
|------|---------|----------|----------|---|--------------|---------------------|
| 4226 | Task    | Resolved | Normal   | Advances in the comparison between Matlab and python results  | Theo Stassen | 17/11/2023 06:54 PM |
| 4227 | Task    | Resolved | Normal   | Reorganisation of the python scripts for modularisation   | Theo Stassen | 17/11/2023 06:57 PM |
| 4228 | Task    | Resolved | Normal   | Make the GUI a general tool, replacing the interact interface   | Theo Stassen | 17/11/2023 07:01 PM |
| 4229 | Task    | Resolved | Normal   | Update documentation for time/solo extract  | Theo Stassen | 21/11/2023 06:50 PM |
| 4230 | Task    | Resolved | Normal   | Add a check if we don't find cdfs in the time limits and stop the execution   | Theo Stassen | 21/11/2023 06:51 PM |
| 4235 | Task    | Resolved | Normal   | Find the cdfs with temperature data in it and test to extract them  | Theo Stassen | 28/11/2023 06:56 PM |
| 4239 | Task    | Resolved | Normal   | Improvements and bug resolve for temperature spectrum computing and plots   | Theo Stassen | 06/12/2023 02:15 PM |
| 4240 | Task    | Resolved | Normal   | Professional training about the distribution (and learn of automatisisation tools) of python application              | Theo Stassen | 06/12/2023 02:17 PM |
| 4241 | Task    | Resolved | Normal   | Software exploration for documentation tools following the professional training.                                     | Theo Stassen | 06/12/2023 02:17 PM |
| 4242 | Task    | Resolved | Normal   | Documentation improvements following the professional training  | Theo Stassen | 06/12/2023 02:18 PM |
| 4243 | Task    | Resolved | Normal   | Documentation update, especially following the reorganisation of the python script use and the rework of the doc root | Theo Stassen | 06/12/2023 02:19 PM |
| 4244 | Task    | Resolved | Normal   | Bug solving for spectrum computation problems   | Theo Stassen | 06/12/2023 02:20 PM |
| 4245 | Task    | Resolved | Normal   | Change the code from pyenv environnement to poetry environment  | Theo Stassen | 06/12/2023 02:23 PM |
| 4256 | Task    | Resolved | Normal   | Gathering and analysis of all remaining open tasks  | Theo Stassen | 09/01/2024 06:37 PM |
| 4257 | Task    | Resolved | Normal   | Discovering of the Ruff linter and formatter+ experiments   | Theo Stassen | 09/01/2024 06:38 PM |
| 4258 | Task    | Resolved | Normal   | Creation of a ruff pre commit hook  | Theo Stassen | 12/01/2024 06:44 PM |
| 4260 | Task    | Resolved | Normal   | Add documentation handle in pre commit hooks  | Theo Stassen | 12/01/2024 06:45 PM |
| 4261 | Task    | Resolved | Normal   | Discover of pytest and add to pre commit hooks  | Theo Stassen | 12/01/2024 06:46 PM |
| 4262 | Task    | Resolved | Normal   | Add multiple pytests (init, extract, display)   | Theo Stassen | 12/01/2024 06:46 PM |
| 4265 | Task    | Resolved | Normal   | Add a system that allows to handle data without the need to compute their spectra                                     | Theo Stassen | 19/01/2024 07:00 PM |
| 4266 | Task    | Resolved | Normal   | Research for a method to easily and beautifully document visually the code structure                                  | Theo Stassen | 19/01/2024 07:02 PM |
| 4268 | Task    | Resolved | Normal   | Make the writing and initialization parts separated from the others   | Theo Stassen | 19/01/2024 07:06 PM |
| 4282 | Task    | Resolved | Normal   | Create pdf user documentation (Three first iterations)  | Theo Stassen | 09/02/2024 06:49 PM |
| 4283 | Task    | Resolved | Normal   | Test the different SID, gather infos from the test, and cross infos with LFR manual                                   | Theo Stassen | 09/02/2024 06:51 PM |
| 4284 | Task    | Resolved | Normal   | Modify the code to be coherent in physical units  | Theo Stassen | 09/02/2024 06:53 PM |
| 4286 | Task    | Resolved | Normal   | Update sphinx documentation for the new code organisation + modifications done when doing the pdf doc                 | Theo Stassen | 09/02/2024 06:56 PM |
| 4287 | Task    | Resolved | Normal   | Add of some modularisation in parameters  | Theo Stassen | 23/02/2024 06:51 PM |
| 4305 | Task    | Resolved | Normal   | Creation of a table documenting all parameters that can be set by the user, with default value and location           | Theo Stassen | 23/02/2024 06:52 PM |
| 4306 | Task    | Resolved | Normal   | Improve and simplify some parameters calls and use  | Theo Stassen | 23/02/2024 06:53 PM |
| 4307 | Task    | Resolved | Normal   | Clean and simplify the config files   | Theo Stassen | 23/02/2024 06:54 PM |
| 4308 | Task    | Resolved | Normal   | Change the way the datetimes are corrected  | Theo Stassen | 23/02/2024 06:55 PM |



| #    | Tracker | Status   | Priority | Subject   | Assignee                | Updated             |
|------|---------|----------|----------|---|-------------------------|---------------------|
| 4309 | Task    | Resolved | Normal   | Find how to force the documentation to trigger error even for warnings  | Theo Stassen            | 23/02/2024 06:56 PM |
| 4310 | Task    | Resolved | Normal   | Improve the GUI by adding a embedded window containing the print content  | Theo Stassen            | 23/02/2024 06:57 PM |
| 4311 | Task    | Resolved | Normal   | Develop a little code that for all cdfs in one dir, make a table summarizing their content and quicklook them           | Theo Stassen            | 23/02/2024 07:00 PM |
| 4325 | Task    | Resolved | Normal   | Generate a directory with quicklooks of all cdfs from 2023/2024   | Theo Stassen            | 21/03/2024 12:47 PM |
| 4326 | Task    | Resolved | Normal   | Resolve the problem concerning cdfs epoch extraction for 2024   | Theo Stassen            | 21/03/2024 02:36 PM |
| 4327 | Task    | Resolved | Normal   | Resolve the problem concerning SID3 2024 extraction   | Theo Stassen            | 21/03/2024 02:37 PM |
| 4330 | Task    | Resolved | Normal   | Reshape the write log part, with traceback printing, with log name gestion, log message levels, log level variable, etc | Theo Stassen            | 21/03/2024 03:00 PM |
| 4328 | Task    | Resolved | Normal   | Research to find a standardisation system for logging, and experiments  | Theo Stassen            | 21/03/2024 03:01 PM |
| 4343 | Task    | Resolved | Normal   | Search different support data (temperatures, reaction wheels, etc)  | Theo Stassen            | 08/04/2024 04:31 PM |
| 4344 | Task    | Resolved | Normal   | Test the extract of temperatures data   | Theo Stassen            | 08/04/2024 04:32 PM |
| 4345 | Task    | Resolved | Normal   | major change : all the extracted content is now in a dict "input_content"   | Theo Stassen            | 08/04/2024 04:34 PM |
| 4346 | Task    | Resolved | Normal   | Complete reshape of the method to give and prepare data for plot data   | Theo Stassen            | 08/04/2024 04:43 PM |
| 4347 | Task    | Resolved | Normal   | Add the temperature waveform to plot_data, as part of the default quicklook plot  | Theo Stassen            | 08/04/2024 04:49 PM |
| 4360 | Task    | Resolved | Normal   | Create new file prepare_data_for_plot which will handle completely the preparation of data before plotting              | Theo Stassen            | 23/04/2024 03:16 PM |
| 4361 | Task    | Resolved | Normal   | Produce and test the creation of big quicklooks with calibrated data  | Theo Stassen            | 23/04/2024 03:18 PM |
| 4362 | Task    | Resolved | Normal   | Meeting with Alessandro on the calibration results  | Theo Stassen            | 23/04/2024 03:18 PM |
| 4363 | Task    | Resolved | Normal   | Resolve massive problem of performance for SID 2 long files calibration and plot code                                   | Theo Stassen            | 23/04/2024 03:22 PM |
| 4364 | Task    | Resolved | Normal   | Benchmarking of the code execution for really big files   | Theo Stassen            | 23/04/2024 03:22 PM |
| 4365 | Task    | Resolved | Normal   | Annual Report writing   | Theo Stassen            | 23/04/2024 03:24 PM |
| 18   | Task    | Feedback | Normal   | PPBI et programmation des FPGA  | Vincent Leray           | 05/01/2015 01:08 PM |
| 2460 | Task    | Feedback | Normal   | Augmentation des marges lors du drop d'une variable   |                         | 14/02/2019 09:59 AM |
| 3985 | Task    | Feedback | Normal   | Test du chargement forcé des KCOEFF par défaut : écrasement des KCOEFF à bord   | Alexis Jeandet          | 16/11/2022 05:16 PM |
| 7    | Task    | Closed   | Normal   | LFR EM Bistream - 0.0.3 - Validation  | paul lero               | 23/01/2014 01:49 PM |
| 8    | Task    | Closed   | Normal   | LFR EM Bistream - 0.0.5 - Validation  | paul lero               | 23/01/2014 01:50 PM |
| 10   | Task    | Closed   | Normal   | LFR EM Bitsream - 0.0.6 - Validation  | Jean-Christophe Pellion | 23/01/2014 01:50 PM |
| 26   | Task    | Closed   | Normal   | LFR EM Bistream - 0.0.9 - Validation  | paul lero               | 23/01/2014 01:50 PM |
| 12   | Task    | Closed   | Normal   | LFR EM Bistream - 0.0.7 - Validation  | paul lero               | 23/01/2014 01:51 PM |
| 51   | Task    | Closed   | Normal   | MINI-LFR - WFP 0.0.E - Validation   | paul lero               | 17/02/2014 01:52 PM |
| 3    | Task    | Closed   | Normal   | LFR EM Bistream - 0.0.2 - Validation  |                         | 25/02/2014 02:16 PM |
| 47   | Task    | Closed   | Normal   | MINI-LFR - WFP 0.0.C - Validation   | paul lero               | 25/02/2014 02:19 PM |

| #   | Tracker | Status | Priority | Subject   | Assignee                | Updated             |
|-----|---------|--------|----------|---|-------------------------|---------------------|
| 40  | Task    | Closed | Normal   | MINI-LFR - WFP 0.0.A - Validation   | paul leroy              | 25/02/2014 02:19 PM |
| 41  | Task    | Closed | Normal   | MINI-LFR - WFP 0.0.B - Validation   | paul leroy              | 25/02/2014 02:20 PM |
| 67  | Task    | Closed | Normal   | MINI_LFR - WFP & MS - 0.1.2 - VERIFICATION  | paul leroy              | 26/02/2014 11:14 AM |
| 13  | Task    | Closed | Normal   | Mise à jour de la documentation VHDL  | Jean-Christophe Pellion | 13/03/2014 07:17 AM |
| 14  | Task    | Closed | High     | Fichier de configuration FPGA   | Jean-Christophe Pellion | 13/03/2014 07:17 AM |
| 122 | Task    | Closed | Normal   | Calcul optimisé du fine time.   | bruno katra             | 24/04/2014 06:10 PM |
| 17  | Task    | Closed | Normal   | Finalisation des développements du module Spectral Matrices   | Martin Morlot           | 27/08/2014 10:27 AM |
| 248 | Task    | Closed | Normal   | Action 6 (team meeting in Graz)   | paul leroy              | 05/02/2015 08:42 AM |
| 239 | Task    | Closed | Normal   | Parametre R2 du Waveform Picker - Doc and Verif   | paul leroy              | 10/02/2015 09:05 AM |
| 69  | Task    | Closed | Normal   | MINI_LFR - WFP & MS - 0.1.4 - VERIFICATION  | paul leroy              | 10/02/2015 03:16 PM |
| 19  | Task    | Closed | Normal   | Sélection du sous-traitant pour les réalisation QM/FM/SM et boitiers  | paul leroy              | 10/02/2015 03:20 PM |
| 80  | Task    | Closed | Normal   | LFR EM - WaveFormPicker - 1.0.0 - Validation  | paul leroy              | 10/02/2015 03:21 PM |
| 227 | Task    | Closed | Normal   | Calibration   | Jean-Christophe Pellion | 10/02/2015 04:22 PM |
| 230 | Task    | Closed | Normal   | Rédaction de la demande de modification pour STEEL  | Vincent Leray           | 08/04/2015 07:47 AM |
| 361 | Task    | Closed | Normal   | Design DiscoSpace   | paul leroy              | 09/06/2015 10:48 AM |
| 183 | Task    | Closed | Normal   | Roadmap TRR2 pour septembre 2014  | bruno katra             | 26/06/2015 10:15 AM |
| 446 | Task    | Closed | Normal   | BP1 BP2 pour release 3  | paul leroy              | 02/07/2015 03:08 PM |
| 233 | Task    | Closed | Normal   | retrofit FPGA sur EM+   | Alexis Jeandet          | 28/07/2015 05:38 PM |
| 437 | Task    | Closed | Normal   | R3 *** Adaptation TC_LFR_UPDATE_INFO  | Veronique bouzid        | 06/08/2015 02:33 PM |
| 510 | Task    | Closed | Normal   | fields DESTINATION_ID on TM_LFR_PARAMETER_DUMP and TM_LFR_KCOEFFICIENTS_DUMP compliant // R3                    | Veronique bouzid        | 02/10/2015 04:23 PM |
| 520 | Task    | Closed | Normal   | Révision 3.0.0.9  | Veronique bouzid        | 05/10/2015 10:55 AM |
| 516 | Task    | Closed | Normal   | SEQUENCE_CNT for TM_LFR_PARAMETER_DUMP and TM_LFR_KCOEFFICIENTS_DUMP  | Veronique bouzid        | 05/10/2015 10:58 AM |
| 534 | Task    | Closed | Normal   | Révision 3.0.0.10   | Veronique bouzid        | 12/10/2015 10:25 PM |
| 517 | Task    | Closed | Normal   | Vérification des températures   | Veronique bouzid        | 21/10/2015 08:26 AM |
| 436 | Task    | Closed | Normal   | R3: Nouveaux requirements   | Veronique bouzid        | 26/10/2015 01:50 PM |
| 555 | Task    | Closed | Normal   | Errata RPW-MEB-LFR-SPC-00061-1-8_FPGA_Architecture_Design   | Jean-Christophe Pellion | 26/10/2015 04:20 PM |
| 351 | Task    | Closed | Normal   | Détailler les fonctionnements de l'acquisition des SWF du mode NORMAL avec SBM1 et SBM2 dans SRS et User Manual | bruno katra             | 04/11/2015 04:06 PM |
| 459 | Task    | Closed | Normal   | Ajouter à la SRS et User Manual comprtement des infos BIAS, R0, R1, ....  | bruno katra             | 04/11/2015 04:47 PM |
| 432 | Task    | Closed | Normal   | Valider le signal de calibration  | bruno katra             | 30/11/2015 05:37 PM |

| #   | Tracker | Status | Priority | Subject   | Assignee                | Updated             |
|-----|---------|--------|----------|---|-------------------------|---------------------|
| 521 | Task    | Closed | Normal   | [JIRA - RPWSWR-151] Précisions à apporter dans le SDD concernant les tâches AVER et BPPR. | bruno katra             | 04/01/2016 04:15 PM |
| 557 | Task    | Closed | Normal   | Révision 3.0.0.12   | bruno katra             | 18/01/2016 04:52 PM |
| 605 | Task    | Closed | Normal   | 3.0.0.17  |                         | 04/02/2016 08:19 AM |
| 612 | Task    | Closed | High     | Long Test in normal mode  | bruno katra             | 10/02/2016 05:38 PM |
| 595 | Task    | Closed | Normal   | 3.0.0.14  | Veronique bouzid        | 11/02/2016 02:28 PM |
| 571 | Task    | Closed | Normal   | [QR R3] [JIRA] (MEBRPWMEB-616) : nombreuses corrections mineures de la SRS 1.9            | bruno katra             | 17/02/2016 04:42 PM |
| 597 | Task    | Closed | Urgent   | 3.0.0.15  | thomas chust            | 18/02/2016 01:07 PM |
| 631 | Task    | Closed | Normal   | Transforme fichier Synth.txt en log_data  | Veronique bouzid        | 19/02/2016 08:20 AM |
| 619 | Task    | Closed | Normal   | 3.0.0.21  |                         | 22/02/2016 10:34 AM |
| 622 | Task    | Closed | Normal   | livraison srec 3.0.0.20 et 3.0.0.22   |                         | 22/02/2016 10:36 AM |
| 609 | Task    | Closed | Normal   | 3.0.0.19  | Veronique bouzid        | 22/02/2016 10:37 AM |
| 608 | Task    | Closed | Low      | 3.0.0.18  | Veronique bouzid        | 22/02/2016 10:37 AM |
| 590 | Task    | Closed | Normal   | livraison version 3.0.0.13  | Veronique bouzid        | 22/02/2016 10:38 AM |
| 630 | Task    | Closed | Normal   | Long Test in normal mode in 3.0.0.22  | Veronique bouzid        | 22/02/2016 05:47 PM |
| 570 | Task    | Closed | Normal   | [QR R3] [JIRA] (MEBRPWMEB-439) : ajout dependances SRS                                    | bruno katra             | 01/03/2016 04:19 PM |
| 577 | Task    | Closed | Normal   | [QR R3] [RPWSWR-448]  | bruno katra             | 01/03/2016 04:42 PM |
| 572 | Task    | Closed | Normal   | [QR R3] [JIRA] (MEBRPWMEB-576) : ajouter les req calibration dans la matrice              | bruno katra             | 02/03/2016 02:33 PM |
| 632 | Task    | Closed | Normal   | Mise à jour document SRS / commutation immediate  | Veronique bouzid        | 02/03/2016 02:43 PM |
| 618 | Task    | Closed | High     | Long test with SBM1 and SBM2 FSW 3.0.0.20   | paul leroy              | 02/03/2016 02:45 PM |
| 614 | Task    | Closed | Normal   | 3.0.0.20  | thomas chust            | 02/03/2016 02:47 PM |
| 620 | Task    | Closed | High     | 3.0.0.22  | Veronique bouzid        | 08/03/2016 01:50 PM |
| 633 | Task    | Closed | Normal   | Mise à jour SRS /SVS/SVR  | Veronique bouzid        | 09/03/2016 01:53 PM |
| 613 | Task    | Closed | Normal   | Validation SWF 22s  | Veronique bouzid        | 09/03/2016 01:53 PM |
| 668 | Task    | Closed | Normal   | data tree shouldn't show dataset, component etc.  |                         | 21/03/2016 11:23 AM |
| 661 | Task    | Closed | Normal   | Remove hard coded path  |                         | 21/03/2016 11:39 AM |
| 694 | Task    | Closed | Normal   | livraison version 3.1.0.2   | Veronique bouzid        | 02/06/2016 12:24 PM |
| 660 | Task    | Closed | Normal   | disable PyQLop until updated  |                         | 14/08/2016 04:57 PM |
| 659 | Task    | Closed | Normal   | Remove useless old files  |                         | 14/08/2016 04:58 PM |
| 742 | Task    | Closed | Normal   | 3.1.0.4   | Veronique bouzid        | 19/08/2016 10:23 AM |
| 690 | Task    | Closed | Normal   | livraison version 3.1.0.0   | Veronique bouzid        | 19/08/2016 01:56 PM |
| 693 | Task    | Closed | Normal   | livraison version 3.1.0.1   | Veronique bouzid        | 19/08/2016 01:57 PM |
| 45  | Task    | Closed | Normal   | WFP - fault detection   | Jean-Christophe Pellion | 02/12/2016 01:13 PM |

| #    | Tracker | Status | Priority | Subject   | Assignee                | Updated             |
|------|---------|--------|----------|---|-------------------------|---------------------|
| 66   | Task    | Closed | Normal   | MS - Verification   |                         | 02/12/2016 01:15 PM |
| 46   | Task    | Closed | Normal   | WFP Validation  | Jean-Christophe Pellion | 02/12/2016 01:15 PM |
| 4    | Task    | Closed | Normal   | WaveFormPicker Verification   |                         | 02/12/2016 01:16 PM |
| 908  | Task    | Closed | Normal   | Delivery 3.1.0.6  | Veronique bouzid        | 17/01/2017 03:12 PM |
| 905  | Task    | Closed | High     | Delivery 3.1.0.5  | Veronique bouzid        | 18/01/2017 12:13 PM |
| 769  | Task    | Closed | Normal   | 3.1.0.4 sources et headers  | bruno katra             | 27/01/2017 02:08 PM |
| 876  | Task    | Closed | High     | implémentation R3++ : mise en conformité ICD/IDB 4.3.0                | bruno katra             | 27/02/2017 05:51 PM |
| 923  | Task    | Closed | Normal   | Delivery 3.1.0.7  | Veronique bouzid        | 10/03/2017 02:41 PM |
| 927  | Task    | Closed | Normal   | Delivery 3.2.0.0  |                         | 10/03/2017 02:41 PM |
| 928  | Task    | Closed | Normal   | Delivery 3.2.0.1  | Veronique bouzid        | 10/03/2017 02:41 PM |
| 992  | Task    | Closed | Normal   | 3.2.0.6   | bruno katra             | 22/03/2017 02:48 PM |
| 987  | Task    | Closed | Normal   | 3.2.0.5   |                         | 22/03/2017 02:49 PM |
| 986  | Task    | Closed | Normal   | 3.2.0.4   |                         | 22/03/2017 02:49 PM |
| 980  | Task    | Closed | Normal   | 3.2.0.3   | Veronique bouzid        | 22/03/2017 02:49 PM |
| 951  | Task    | Closed | Normal   | 3.2.0.2   | Veronique bouzid        | 22/03/2017 02:49 PM |
| 879  | Task    | Closed | Normal   | mise à jour de la spécification suite aux modification SSS-CP-EQS-753 | bruno katra             | 24/03/2017 11:48 AM |
| 733  | Task    | Closed | Normal   | 3.1.0.2 DPU   | bruno katra             | 24/03/2017 11:49 AM |
| 603  | Task    | Closed | Normal   | 3.0.0.16  | bruno katra             | 24/03/2017 11:50 AM |
| 1024 | Task    | Closed | Normal   | 3.2.0.8   |                         | 27/03/2017 11:04 AM |
| 1003 | Task    | Closed | Normal   | 3.2.0.7   | Veronique bouzid        | 27/03/2017 11:05 AM |
| 1028 | Task    | Closed | Normal   | 3.2.0.9   |                         | 28/03/2017 11:31 AM |
| 1031 | Task    | Closed | Urgent   | 3.2.0.10  | Alexis Jeandet          | 28/03/2017 04:17 PM |
| 1036 | Task    | Closed | Normal   | 3.2.0.11  |                         | 30/03/2017 12:16 PM |
| 1040 | Task    | Closed | Normal   | 3.2.0.12  | bruno katra             | 30/03/2017 05:16 PM |
| 1048 | Task    | Closed | Normal   | validation centrage snapshot 3.2.0.13                                 | bruno katra             | 03/04/2017 01:34 PM |
| 1049 | Task    | Closed | Normal   | 3.2.0.13 dpu  | bruno katra             | 04/04/2017 04:43 PM |
| 1043 | Task    | Closed | Normal   | 3.2.0.13  | bruno katra             | 18/04/2017 10:37 AM |
| 1050 | Task    | Closed | Normal   | 3.2.0.14  | bruno katra             | 18/04/2017 10:37 AM |
| 1046 | Task    | Closed | Normal   | compilation de RTEMS avec l'option -mfix-b2bst                        | bruno katra             | 18/04/2017 02:02 PM |
| 1096 | Task    | Closed | High     | Mise a jour document de calibration                                   | bruno katra             | 05/05/2017 05:43 PM |
| 655  | Task    | Closed | Normal   | Mise à jour SRS et SVS / TC > 228 bytes                               | Veronique bouzid        | 09/05/2017 04:00 PM |
| 677  | Task    | Closed | Normal   | Ajouter au SUM info sur HK_LFR_MAG_FIELDS_FLAG                        | bruno katra             | 09/05/2017 04:07 PM |

| #    | Tracker | Status | Priority  | Subject  | Assignee          | Updated             |
|------|---------|--------|-----------|--|-------------------|---------------------|
| 1054 | Task    | Closed | Normal    | Livraison sources 3.2.0.15 pour analyse Logiscope // W. Recart               | William Recart    | 31/05/2017 06:25 PM |
| 1371 | Task    | Closed | Normal    | API de visualisation des données   |                   | 08/06/2017 08:36 PM |
| 1375 | Task    | Closed | Normal    | Lecture du squelette (API générale)  |                   | 08/06/2017 08:37 PM |
| 1346 | Task    | Closed | Normal    | Incorporation de ClangFormat   |                   | 08/06/2017 08:37 PM |
| 1345 | Task    | Closed | Normal    | Incorporation de vera++  |                   | 08/06/2017 08:37 PM |
| 1344 | Task    | Closed | Normal    | Compilation du projet  |                   | 08/06/2017 08:37 PM |
| 1349 | Task    | Closed | Normal    | Initialisation de l'API de logging   |                   | 08/06/2017 08:37 PM |
| 1348 | Task    | Closed | Normal    | Incorporation de cppcheck  |                   | 08/06/2017 08:37 PM |
| 1347 | Task    | Closed | Normal    | Incorporation de Clang Analyzer  |                   | 08/06/2017 08:37 PM |
| 1352 | Task    | Closed | High      | Connexion au dépôt git (RhodeCode)   |                   | 08/06/2017 08:37 PM |
| 1351 | Task    | Closed | Immediate | Initialisation du dépôt git  |                   | 08/06/2017 08:37 PM |
| 1350 | Task    | Closed | Immediate | Mise en place des tests unitaires (Qt Test)                                  |                   | 08/06/2017 08:37 PM |
| 1357 | Task    | Closed | Low       | Connexion de Slack à TeamCity  | Alexis Jeandet    | 08/06/2017 08:37 PM |
| 1356 | Task    | Closed | Low       | Connexion de Slack à Redmine   | Alexis Jeandet    | 08/06/2017 08:37 PM |
| 1355 | Task    | Closed | Low       | Connexion de Slack à RhodeCode   | Alexis Jeandet    | 08/06/2017 08:37 PM |
| 1379 | Task    | Closed | Low       | Incorporation de clazy   |                   | 08/06/2017 08:37 PM |
| 1359 | Task    | Closed | Low       | Intégration continue (TeamCity)  | Alexis Jeandet    | 08/06/2017 08:37 PM |
| 1476 | Task    | Closed | Normal    | Mise en place de la couverture de test gcov                                  |                   | 12/06/2017 11:15 AM |
| 1484 | Task    | Closed | Immediate | Mise en place des tests unitaires (Qt Test)                                  |                   | 12/06/2017 11:15 AM |
| 1472 | Task    | Closed | Urgent    | Cpack windows pour windows   |                   | 12/06/2017 11:15 AM |
| 1482 | Task    | Closed | Normal    | Qt Sous Linux  |                   | 12/06/2017 11:19 AM |
| 1483 | Task    | Closed | Normal    | Clang Analyser avec Qt sous WIndows  |                   | 12/06/2017 11:19 AM |
| 1485 | Task    | Closed | Normal    | MR dépôt principale  |                   | 12/06/2017 11:19 AM |
| 1501 | Task    | Closed | Normal    | Mettre à jour le schéma de représentation des données de variable            |                   | 12/06/2017 11:20 AM |
| 1288 | Task    | Closed | Immediate | Lecture du squelette   |                   | 12/06/2017 11:41 AM |
| 1287 | Task    | Closed | Immediate | Développement d'un serveur bouchon   |                   | 12/06/2017 11:41 AM |
| 1229 | Task    | Closed | Normal    | Création d'un onglet de visualisation (bouton)                               |                   | 12/06/2017 11:41 AM |
| 1231 | Task    | Closed | Normal    | Suppression d'un onglet de visualisation (bouton)                            |                   | 12/06/2017 11:41 AM |
| 1217 | Task    | Closed | Normal    | Création d'une zone de visualisation depuis l'arborescence de données (menu) |                   | 13/06/2017 02:09 PM |
| 1488 | Task    | Closed | Immediate | Gestion des variables (inspecteur de variables)                              |                   | 13/06/2017 02:14 PM |
| 1353 | Task    | Closed | Immediate | Initialisation du backlog (Redmine)  | adminlpp adminlpp | 23/06/2017 08:40 AM |
| 1608 | Task    | Closed | Immediate | Définition de données scalaires  |                   | 26/06/2017 10:32 AM |
| 1610 | Task    | Closed | Normal    | Création d'un provider pour le plugin bouchon                                |                   | 26/06/2017 10:32 AM |

| #    | Tracker | Status | Priority  | Subject  | Assignee    | Updated             |
|------|---------|--------|-----------|--|-------------|---------------------|
| 1182 | Task    | Closed | Immediate | Visualisation de données scalaires   |             | 26/06/2017 10:32 AM |
| 1219 | Task    | Closed | Normal    | Création d'une zone de visualisation depuis l'inspecteur de variables (menu)         |             | 26/06/2017 10:33 AM |
| 1204 | Task    | Closed | Immediate | Ajout d'une variable dans un graphe existant depuis l'inspecteur de variables (menu) |             | 26/06/2017 10:33 AM |
| 1212 | Task    | Closed | Immediate | Ajout d'une variable dans un nouveau graphe depuis l'arborescence de données (menu)  |             | 26/06/2017 10:34 AM |
| 1210 | Task    | Closed | Immediate | Ajout d'une variable dans un nouveau graphe depuis l'inspecteur de variables (menu)  |             | 26/06/2017 10:34 AM |
| 1596 | Task    | Closed | Normal    | Suppression du dernier onglet  |             | 26/06/2017 10:34 AM |
| 1597 | Task    | Closed | Normal    | Modification sur le sidePane   |             | 26/06/2017 10:34 AM |
| 1587 | Task    | Closed | Immediate | Gestion des variables (inspecteur de variables)                                      |             | 26/06/2017 10:35 AM |
| 1600 | Task    | Closed | Immediate | Edition manuelle   |             | 26/06/2017 11:05 AM |
| 1241 | Task    | Closed | Immediate | Zoom sur l'axe en X d'un graphe (molette)  |             | 26/06/2017 11:06 AM |
| 1243 | Task    | Closed | Immediate | Zoom sur l'axe en Y d'un graphe (molette)  |             | 26/06/2017 11:06 AM |
| 1249 | Task    | Closed | Immediate | Déplacement le long de l'axe en X d'un graphe  |             | 26/06/2017 11:06 AM |
| 1621 | Task    | Closed | Immediate | Implémentation du cache  |             | 26/06/2017 03:56 PM |
| 1622 | Task    | Closed | Immediate | Requête de récupération des données  |             | 26/06/2017 03:56 PM |
| 1620 | Task    | Closed | Immediate | Ajout du cache à Variable  |             | 26/06/2017 03:56 PM |
| 1222 | Task    | Closed | Normal    | Suppression d'une zone de visualisation d'un onglet de visualisation                 |             | 27/06/2017 10:38 AM |
| 1578 | Task    | Closed | Normal    | Création d'une zone de visualisation depuis l'arborescence de données (menu)         |             | 27/06/2017 10:39 AM |
| 1442 | Task    | Closed | Immediate | Suppression d'un graphe d'une zone de visualisation                                  |             | 27/06/2017 10:40 AM |
| 1206 | Task    | Closed | Immediate | Ajout d'une variable dans un graphe existant depuis l'arborescence de données (menu) |             | 27/06/2017 10:40 AM |
| 1214 | Task    | Closed | Immediate | Suppression d'une variable d'un graphe   |             | 27/06/2017 10:40 AM |
| 1486 | Task    | Closed | Normal    | Sciqlop sur MAC  |             | 27/06/2017 10:40 AM |
| 1698 | Task    | Closed | Normal    | make install sous Linux  |             | 28/06/2017 04:51 PM |
| 1700 | Task    | Closed | Normal    | Tolérance lors de l'acquisition  |             | 29/06/2017 09:01 AM |
| 1675 | Task    | Closed | Normal    | Suppression d'une zone de visualisation d'un onglet de visualisation                 |             | 29/06/2017 10:57 AM |
| 1676 | Task    | Closed | Immediate | Suppression d'un graphe d'une zone de visualisation                                  |             | 29/06/2017 10:57 AM |
| 1683 | Task    | Closed | Immediate | Suppression d'une variable d'un graphe   |             | 29/06/2017 10:57 AM |
| 1055 | Task    | Closed | Normal    | 3.2.0.15 dpu   | bruno katra | 29/06/2017 06:01 PM |
| 1713 | Task    | Closed | Normal    | Ajout d'une colonne Domaine temporelle   |             | 30/06/2017 09:34 AM |
| 1689 | Task    | Closed | Normal    | Garder le delta T lors des opérations de pan   |             | 30/06/2017 11:17 AM |
| 1697 | Task    | Closed | Normal    | Analyse qualité cosinus  |             | 30/06/2017 11:18 AM |
| 1707 | Task    | Closed | Normal    | Selection de variable depuis le variable manager                                     |             | 30/06/2017 05:03 PM |
| 1695 | Task    | Closed | Normal    | Scroll Area  |             | 03/07/2017 11:25 AM |
| 1696 | Task    | Closed | Normal    | Ajout du menu plot   |             | 03/07/2017 11:25 AM |

| #    | Tracker | Status | Priority  | Subject   | Assignee | Updated             |
|------|---------|--------|-----------|---|----------|---------------------|
| 1694 | Task    | Closed | Normal    | Ajout d'un bouton Apply sur le widget de temps                            |          | 03/07/2017 11:51 AM |
| 1701 | Task    | Closed | Normal    | Modification addDateTime  |          | 04/07/2017 10:20 AM |
| 1693 | Task    | Closed | Normal    | Temps d'une variable lors de l'ajout depuis le variable manager           |          | 04/07/2017 10:20 AM |
| 1708 | Task    | Closed | Immediate | Suppression d'une variable sélectionnée                                   |          | 05/07/2017 11:40 AM |
| 1716 | Task    | Closed | Normal    | Définir le format du fichier JSON   |          | 07/07/2017 09:59 AM |
| 1714 | Task    | Closed | High      | Parser de fichier JSON  |          | 07/07/2017 03:09 PM |
| 1715 | Task    | Closed | High      | Création du noeud de l'arborescence de donnée AMDA                        |          | 07/07/2017 03:09 PM |
| 1712 | Task    | Closed | Normal    | Implémentation de L'API du network controller                             |          | 12/07/2017 05:45 PM |
| 1705 | Task    | Closed | High      | Acquisition des données AMDA  |          | 13/07/2017 10:04 AM |
| 1473 | Task    | Closed | Urgent    | Mock sous linux   |          | 17/07/2017 09:59 AM |
| 1704 | Task    | Closed | High      | Annulation de l'acquisition de donnée                                     |          | 17/07/2017 10:03 AM |
| 1703 | Task    | Closed | High      | Widget de téléchargement  |          | 17/07/2017 10:03 AM |
| 1752 | Task    | Closed | Normal    | Améliorations sur l'acquisition de données AMDA                           |          | 17/07/2017 10:03 AM |
| 1770 | Task    | Closed | High      | Widget de téléchargement - refactoring                                    |          | 25/07/2017 05:19 PM |
| 1771 | Task    | Closed | High      | Annulation de l'acquisition de donnée - Arrêter la NetworkReply           |          | 25/07/2017 05:19 PM |
| 1793 | Task    | Closed | High      | Annulation de l'acquisition de donnée - Impact sur les plugins et l'appli |          | 25/07/2017 05:19 PM |
| 1250 | Task    | Closed | Urgent    | Recalibrage d'un graphe synchronisé                                       |          | 25/07/2017 05:19 PM |
| 1782 | Task    | Closed | Normal    | Synchronisation des graphes   |          | 25/07/2017 05:19 PM |
| 1775 | Task    | Closed | Normal    | Télécharger dès que la tolérance n'est plus contenue dans le cache        |          | 25/07/2017 05:19 PM |
| 1790 | Task    | Closed | Normal    | Robustesse AMDA   |          | 25/07/2017 05:20 PM |
| 1788 | Task    | Closed | Normal    | Tri du cache  |          | 26/07/2017 03:50 PM |
| 1776 | Task    | Closed | Normal    | Setting pour la tolérance   |          | 28/07/2017 11:42 AM |
| 1778 | Task    | Closed | Normal    | Arrangement de la ScrollBar   |          | 31/07/2017 02:34 PM |
| 1789 | Task    | Closed | Normal    | Affinage du cache   |          | 31/07/2017 02:34 PM |
| 1480 | Task    | Closed | Low       | Acquisition de données (API générale)                                     |          | 31/07/2017 02:36 PM |
| 1774 | Task    | Closed | Normal    | Améliorations sur l'acquisition de données AMDA                           |          | 31/07/2017 02:37 PM |
| 1792 | Task    | Closed | Urgent    | Filtrage de l'arborescence par search box                                 |          | 02/08/2017 11:39 AM |
| 1826 | Task    | Closed | Normal    | Transformation des dates en UTC.  |          | 03/08/2017 09:08 AM |
| 1787 | Task    | Closed | Normal    | Infobulle sur affichage   |          | 03/08/2017 09:08 AM |
| 1814 | Task    | Closed | Low       | Acquisition de données (API générale)                                     |          | 07/08/2017 09:52 AM |
| 1827 | Task    | Closed | Normal    | Gérer les valeurs NaN dans AMDA   |          | 07/08/2017 10:06 AM |
| 1822 | Task    | Closed | Immediate | Rendre compatible la classe Array data avec les vecteurs                  |          | 08/08/2017 03:04 PM |
| 1820 | Task    | Closed | Normal    | API Acquisition v2  |          | 08/08/2017 03:17 PM |

| #    | Tracker | Status | Priority  | Subject  | Assignee | Updated             |
|------|---------|--------|-----------|--|----------|---------------------|
| 1838 | Task    | Closed | Normal    | Document de conception de l'API pour spectrogrammes                            |          | 10/08/2017 11:21 AM |
| 1805 | Task    | Closed | Normal    | Arrangement de la ScrollBar  |          | 14/08/2017 09:17 AM |
| 1825 | Task    | Closed | Normal    | Supprime le paramètre zoom type de la synchro                                  |          | 14/08/2017 09:17 AM |
| 1809 | Task    | Closed | Normal    | Contiguité du cache  |          | 14/08/2017 09:17 AM |
| 1804 | Task    | Closed | Normal    | Arranger les labels de temps pour plus de précisions                           |          | 14/08/2017 09:22 AM |
| 1824 | Task    | Closed | Immediate | Implémenter la représentation graphique d'un vecteur                           |          | 14/08/2017 09:28 AM |
| 1818 | Task    | Closed | Normal    | Améliorations sur l'acquisition de données AMDA                                |          | 14/08/2017 09:29 AM |
| 1834 | Task    | Closed | Normal    | Mise à jour du fichier JSON pour AMDA  |          | 14/08/2017 09:29 AM |
| 1783 | Task    | Closed | High      | Ajout de colonne dans l'inspecteur de variable                                 |          | 14/08/2017 09:29 AM |
| 1823 | Task    | Closed | Immediate | Gérer dans AMDA la génération d'un vecteur                                     |          | 14/08/2017 09:29 AM |
| 1821 | Task    | Closed | Normal    | Implémentation de la nouvelle architecture d'acquisition                       |          | 14/08/2017 09:47 AM |
| 1869 | Task    | Closed | Normal    | Mise à jour du fichier JSON pour AMDA  |          | 14/08/2017 10:31 AM |
| 1862 | Task    | Closed | Immediate | Gérer dans AMDA la génération d'un vecteur                                     |          | 17/08/2017 04:09 PM |
| 1870 | Task    | Closed | Normal    | Marqueur modification  |          | 18/08/2017 09:46 AM |
| 1873 | Task    | Closed | Normal    | Analyse du problème d'acquisition avec wireshark                               |          | 18/08/2017 02:03 PM |
| 1882 | Task    | Closed | Normal    | Analyser et corriger le problème du cosinus avec IAPI d'acquisition v5         |          | 18/08/2017 02:03 PM |
| 1863 | Task    | Closed | Immediate | Implémenter la représentation graphique d'un vecteur                           |          | 21/08/2017 03:18 PM |
| 1884 | Task    | Closed | Normal    | Affichage des données présentes avant acquisition                              |          | 21/08/2017 03:45 PM |
| 1881 | Task    | Closed | Normal    | Changer les valeurs des colonnes tstart tend pour la vrai donnée à l'intérieur |          | 23/08/2017 02:31 PM |
| 1890 | Task    | Closed | Normal    | Calcule Y Range  |          | 23/08/2017 02:44 PM |
| 1856 | Task    | Closed | Normal    | Robustesse AMDA - test fonctionnel   |          | 23/08/2017 02:45 PM |
| 1874 | Task    | Closed | Normal    | Analyse problème barrière sur les variables en 17 (ACQUISITION API V5)         |          | 23/08/2017 02:45 PM |
| 1878 | Task    | Closed | Normal    | Implémenter la barrière de synchronisation de requete                          |          | 24/08/2017 03:51 PM |
| 1886 | Task    | Closed | Normal    | Modifier la représentation interne d'un ArrayData                              |          | 28/08/2017 09:10 AM |
| 1888 | Task    | Closed | Normal    | Optimisation merge et set data   |          | 28/08/2017 09:15 AM |
| 1850 | Task    | Closed | Normal    | Sciqlop sur MAC  |          | 28/08/2017 09:15 AM |

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