

## Issues

| #     | Project | Tracker | Status | Priority | Subject   | Assigned To | Updated             | Category |
|-------|---------|---------|--------|----------|---|-------------|---------------------|----------|
| 53759 | PyROS   | Task    | New    | Normal   | Définition nomenclature images et données (noms fichiers)   |             | 11/09/2022 10:31 AM |          |
| 53453 | PyROS   | Task    | New    | Normal   | Performance Tests : Tester la vitesse de création des images (nb im/s), la montée en charge, la capacité de la BD à absorber la charge... |             | 10/07/2022 04:33 PM |          |
| 53452 | PyROS   | Task    | New    | Normal   | Agents tests (test mode)  |             | 10/07/2022 04:32 PM |          |
| 53451 | PyROS   | Task    | New    | Normal   | (SF11) TESTS to validate this feature   | Klotz Alain | 10/07/2022 04:32 PM |          |
| 53450 | PyROS   | Task    | New    | Normal   | (SF11) EXIGENCES satisfaites (+ tests mis à jour)   | Klotz Alain | 10/07/2022 04:29 PM |          |
| 53449 | PyROS   | Task    | New    | Normal   | (SF11) AUTHORIZATIONS for this feature (who can do what) : documentation & implementation   | Klotz Alain | 10/07/2022 04:29 PM |          |
| 53448 | PyROS   | Feature | New    | Normal   | (SF11) ENTITIES (& properties) - definition & implementation & initial data (fixtures)  |             | 10/07/2022 04:28 PM |          |
| 53447 | PyROS   | Task    | New    | Normal   | (SF10) ENTITIES (& properties)  | Klotz Alain | 10/07/2022 04:26 PM |          |
| 53446 | PyROS   | Task    | New    | Normal   | Optimisation : il devrait y en avoir 1 sur chaque pc de chaque camera et chacun fait la recombinaison des 4 images à tour de rôle         |             | 10/07/2022 04:21 PM |          |
| 53445 | PyROS   | Task    | New    | Normal   | All methods   |             | 10/07/2022 04:20 PM |          |
| 53444 | PyROS   | Task    | New    | Normal   | CALIBRATION D/B/F   | Klotz Alain | 10/07/2022 04:13 PM |          |
| 53443 | PyROS   | Task    | New    | Normal   | AgentImgsCombinator   |             | 11/09/2022 10:35 AM |          |
| 53442 | PyROS   | Task    | New    | Normal   | AgentImgProcessor concrete subclasses (1 per channel) : AgentImgProcessorTNC_XX - device level (observatory dependant)                    | Klotz Alain | 11/09/2022 10:54 AM |          |
| 53441 | PyROS   | Task    | New    | Normal   | AgentImgProcessor superclass (abstract class) - simulation level  | Klotz Alain | 11/09/2022 10:54 AM |          |
| 53438 | PyROS   | Task    | New    | Normal   | CALIBRATION management (CalibrationStrategy section)  |             | 10/07/2022 02:04 PM |          |
| 53437 | PyROS   | Task    | New    | Normal   | Diagnostic de qualité des images de calib   |             | 11/09/2022 10:27 AM |          |
| 53436 | PyROS   | Task    | New    | Normal   | Calcul des paramètres de qualité et mise en DB  |             | 11/09/2022 10:27 AM |          |
| 53435 | PyROS   | Task    | New    | Normal   | Stratégies de calibration   |             | 11/09/2022 10:25 AM |          |
| 53434 | PyROS   | Task    | New    | Normal   | AgentImagesCalibrator   | Klotz Alain | 11/09/2022 10:27 AM |          |
| 53433 | PyROS   | Task    | New    | Normal   | Guitastro - Développement Outils dédiés dans guitastro  | Klotz Alain | 10/07/2022 03:50 PM |          |
| 53432 | PyROS   | Task    | New    | Normal   | Ecriture fichier pickle de toutes les positions sun/moon pour une Periode donnée  |             | 10/07/2022 01:40 PM |          |
| 53431 | PyROS   | Task    | New    | Normal   | Lecture fichier pickle  |             | 10/07/2022 01:40 PM |          |
| 53430 | PyROS   | Task    | New    | Normal   | Ecriture fichier pickle d'une sequence  |             | 10/07/2022 01:40 PM |          |
| 53429 | PyROS   | Task    | New    | Normal   | 3 - Génération du planning dans la BD   |             | 10/07/2022 01:37 PM |          |
| 53428 | PyROS   | Task    | New    | Normal   | Codage (source code)  |             | 10/07/2022 01:36 PM |          |
| 53427 | PyROS   | Task    | New    | Normal   | 1 - Get list of SEQ to be planned + fichiers pickle   |             | 10/07/2022 01:42 PM |          |
| 53426 | PyROS   | Task    | New    | Normal   | Other parts   |             | 10/07/2022 01:33 PM |          |

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|-------|---------|---------|-------------|----------|---|-------------------|---------------------|----------|
| 53425 | PyROS   | Task    | New         | Normal   | (Sur validation d'une sequence SF05) Pré-calcul des trajectoires de la nuit pour chaque séquence    | Klotz Alain       | 10/07/2022 01:34 PM |          |
| 53424 | PyROS   | Task    | New         | Normal   | Guitastro - Développement Outils dédiés dans guitastro  | Klotz Alain       | 10/07/2022 01:39 PM |          |
| 53381 | PyROS   | Task    | New         | Normal   | AgentTriton class (specialized subclass)  |                   | 10/04/2022 03:15 PM |          |
| 53380 | PyROS   | Task    | New         | Normal   | AgentMCO class (specialized subclass)   |                   | 10/04/2022 03:19 PM |          |
| 53379 | PyROS   | Task    | New         | Normal   | (VIEW) Dedicated web page   |                   | 10/04/2022 08:58 AM |          |
| 53377 | PyROS   | Task    | New         | Normal   | Agent MCO (MCO for TNC/CNES)  |                   | 10/04/2022 09:15 AM |          |
| 53376 | PyROS   | Task    | New         | Normal   | L1c image type  |                   | 10/04/2022 08:53 AM |          |
| 53375 | PyROS   | Task    | New         | Normal   | (SF12) EXIGENCES satisfaites (+ tests mis à jour)   |                   | 10/03/2022 04:22 PM |          |
| 53374 | PyROS   | Task    | New         | Normal   | (SF12) TESTS to validate this feature   |                   | 10/03/2022 04:22 PM |          |
| 53373 | PyROS   | Task    | New         | Normal   | (SF12) AUTHORIZATIONS for this feature (who can do what) : documentation & implementation           |                   | 10/03/2022 04:22 PM |          |
| 53372 | PyROS   | Task    | New         | Normal   | (SF12) ENTITIES (& properties) to be defined  |                   | 10/03/2022 04:23 PM |          |
| 53370 | PyROS   | Task    | New         | Normal   | Triton.exe CNES binary & config file integration  |                   | 10/04/2022 03:12 PM |          |
| 53368 | PyROS   | Task    | New         | Normal   | Agent Triton (TNC/CNES image processing & analysis)   |                   | 10/04/2022 03:13 PM |          |
| 53367 | PyROS   | Task    | New         | Normal   | AgentImgAnalyzer base class (abstract)  |                   | 10/04/2022 03:18 PM |          |
| 53364 | PyROS   | Task    | New         | Normal   | AGENT AgentScheduler (based on Agent class)   |                   | 10/07/2022 01:37 PM |          |
| 53359 | PyROS   | Task    | New         | Normal   | COMMAND (Agent level) - AgentCmd base class   | Pallier Etienne   | 10/03/2022 02:31 PM |          |
| 53358 | PyROS   | Task    | New         | Normal   | Exceptions management   |                   | 10/03/2022 02:25 PM |          |
| 53357 | PyROS   | Task    | New         | Normal   | Compute & Save synthesis data (for Majordome decision)  |                   | 10/03/2022 02:16 PM |          |
| 53356 | PyROS   | Task    | In progress | Normal   | Compute & Save synthesis data (for Majordome decision)  |                   | 10/03/2022 02:22 PM |          |
| 53355 | PyROS   | Task    | New         | Normal   | Show history data   |                   | 10/03/2022 02:12 PM |          |
| 53354 | PyROS   | Task    | New         | Normal   | Show current data   |                   | 10/03/2022 02:11 PM |          |
| 53350 | PyROS   | Task    | New         | Normal   | INSIDE environment (observatory) management   |                   | 10/03/2022 02:16 PM |          |
| 53349 | PyROS   | Task    | New         | Normal   | OUTSIDE environment (weather) management  |                   | 10/03/2022 02:21 PM |          |
| 53341 | PyROS   | Task    | In progress | Normal   | PYROS stop  | Koralewski Alexis | 10/03/2022 12:36 PM |          |
| 53340 | PyROS   | Task    | In progress | Normal   | PYROS start (newstart)  | Koralewski Alexis | 10/03/2022 10:52 AM |          |
| 53339 | PyROS   | Task    | New         | Normal   | (View) Page web dédiée à cet agent  |                   | 10/03/2022 09:58 AM |          |
| 53338 | PyROS   | Task    | New         | Normal   | Lancement automatique des super agents SST de chaque noeud pyros (selon configuration observatoire) |                   | 10/03/2022 09:56 AM |          |
| 53336 | PyROS   | Task    | In progress | Normal   | (View) Page web dédiée à cet agent  | Koralewski Alexis | 10/03/2022 10:53 AM |          |

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| 53334 | PyROS   | Task    | New         | Normal   | Ansible - IT automation tool (outil gestion conf) - gestion architecture décentralisée sur plusieurs noeuds |                   | 10/03/2022 10:42 AM |           |
| 51514 | PyROS   | Task    | New         | Normal   | LOG   |                   | 06/29/2022 07:37 AM |           |
| 51513 | PyROS   | Task    | New         | Normal   | General algorithm (ternary mode, status, routine processing, commands processing, exceptions dealing)       | Pallier Etienne   | 06/29/2022 07:37 AM |           |
| 51508 | PyROS   | Task    | New         | Normal   | AgentMajordome (based on Agent)   | Koralewski Alexis | 06/29/2022 07:31 AM |           |
| 51506 | PyROS   | Task    | In progress | Normal   | MAJORDOME agent (supervisor, conductor) - AgentMajordome  | Koralewski Alexis | 10/03/2022 02:32 PM | Evolution |
| 49890 | PyROS   | Task    | New         | Normal   | Global Start & Stop (safe)  |                   | 03/16/2022 04:52 PM |           |
| 49889 | PyROS   | Task    | New         | Normal   | Backup  |                   | 03/16/2022 04:49 PM |           |
| 49888 | PyROS   | Task    | New         | Normal   | Firewall  |                   | 03/16/2022 04:48 PM |           |
| 49887 | PyROS   | Task    | New         | Normal   | Hardware  |                   | 03/16/2022 04:47 PM |           |
| 49886 | PyROS   | Task    | New         | Normal   | System watch (Nagios, ...)  |                   | 03/16/2022 04:47 PM |           |
| 49885 | PyROS   | Task    | New         | Normal   | Network   |                   | 03/16/2022 04:46 PM |           |
| 49876 | PyROS   | Task    | New         | Normal   | Guitastro integration   |                   | 03/16/2022 07:28 AM |           |
| 49875 | PyROS   | Task    | New         | Normal   | (classic) Installation Guitastro & dependencies   |                   | 03/16/2022 07:27 AM |           |
| 49874 | PyROS   | Task    | New         | Normal   | (docker) Installation Guitastro & dependencies  |                   | 06/28/2022 10:11 PM |           |
| 49872 | PyROS   | Task    | New         | Normal   | Restauration de la config par défaut  |                   | 03/15/2022 11:10 PM |           |
| 49871 | PyROS   | Task    | New         | Normal   | Config par défaut (à définir)   |                   | 03/15/2022 11:11 PM |           |
| 49870 | PyROS   | Task    | New         | Normal   | Config générale : logo, pagination, couleurs, options générales, options par feature, ...                   |                   | 03/15/2022 11:11 PM |           |
| 49546 | PyROS   | Task    | In progress | Normal   | Documentation (pyros_api)   | Koralewski Alexis | 02/24/2022 02:33 PM |           |
| 49545 | PyROS   | Task    | In progress | Normal   | Script development (pyros_api)  | Koralewski Alexis | 02/24/2022 02:33 PM |           |
| 49543 | PyROS   | Task    | New         | Normal   | Users View (list & 1)   |                   | 02/23/2022 06:06 PM |           |
| 49541 | PyROS   | Task    | New         | Normal   | API REST (website scripting via pyros_api.py script)  | Koralewski Alexis | 06/29/2022 07:26 AM |           |
| 49478 | PyROS   | Task    | New         | Normal   | Test  | Koralewski Alexis | 02/22/2022 12:25 PM |           |
| 49272 | PyROS   | Task    | In progress | Normal   | Tooltips  | Koralewski Alexis | 02/17/2022 01:59 PM |           |
| 49262 | PyROS   | Task    | In progress | Normal   | Sequence Validation   |                   | 02/03/2022 02:50 PM |           |
| 49258 | PyROS   | Task    | In progress | Normal   | from IMPORT (upload) Seq (from yaml file)   | Koralewski Alexis | 02/23/2022 12:02 PM |           |
| 49253 | PyROS   | Task    | New         | Normal   | READ 1 & list   |                   | 02/21/2022 03:21 PM |           |

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|-------|---------|---------|-------------|----------|--|-------------------|---------------------|-----------|
| 49252 | PyROS   | Task    | New         | Normal   | WEB FORM   |                   | 02/17/2022 01:59 PM |           |
| 49251 | PyROS   | Task    | New         | Normal   | Test   | Koralewski Alexis | 02/22/2022 02:59 PM |           |
| 49250 | PyROS   | Task    | New         | Normal   | CREATE/UPDATE Sequence   |                   | 02/23/2022 12:02 PM |           |
| 49249 | PyROS   | Task    | In progress | Normal   | General Menu for this feature  |                   | 02/03/2022 09:39 AM |           |
| 49247 | PyROS   | Task    | New         | Normal   | State diagram (doc)  |                   | 02/03/2022 09:34 AM |           |
| 49246 | PyROS   | Task    | New         | Normal   | Sequence Lifecycle (status)  |                   | 02/03/2022 09:34 AM |           |
| 49228 | PyROS   | Task    | In progress | Normal   | Correction de l'orientation de l'image (est à gauche, nord en haut)  | Klotz Alain       | 02/02/2022 02:56 PM |           |
| 49227 | PyROS   | Task    | New         | Normal   | Corrections cosmétiques (de pixels)  | Klotz Alain       | 11/09/2022 10:36 AM |           |
| 49226 | PyROS   | Task    | In progress | Normal   | Correction/Calibration de l'image par le FLAT  | Klotz Alain       | 10/07/2022 04:13 PM |           |
| 49225 | PyROS   | Task    | In progress | Normal   | Correction/Calibration de l'image par le DARK (+ BIAS)   | Klotz Alain       | 10/07/2022 04:13 PM |           |
| 49224 | PyROS   | Task    | New         | Normal   | Choisir le bias, le flat, et le dark (en fn des metadata)  | Klotz Alain       | 02/02/2022 02:19 PM |           |
| 49223 | PyROS   | Task    | In progress | Normal   | Groupes  | Klotz Alain       | 11/09/2022 10:35 AM |           |
| 49221 | PyROS   | Task    | In progress | Normal   | Recup metadata de l'image (dans la BD)   | Klotz Alain       | 02/02/2022 02:38 PM |           |
| 49220 | PyROS   | Task    | In progress | Normal   | Récup en-tête  | Klotz Alain       | 02/02/2022 02:38 PM |           |
| 49219 | PyROS   | Task    | In progress | Normal   | Nouvelle image   | Klotz Alain       | 02/02/2022 02:38 PM |           |
| 49218 | PyROS   | Task    | In progress | Normal   | Détection des nouvelles images produites (système asynchrone sur l'acquisition)  | Klotz Alain       | 02/02/2022 02:38 PM |           |
| 49217 | PyROS   | Task    | New         | Normal   | 5 - (L2) Critères de qualité d'image (+ json QUAL)   | Klotz Alain       | 02/02/2022 02:37 PM |           |
| 49216 | PyROS   | Task    | New         | Normal   | 4 - (L1c) - Combinaison d'images et finalisation critères de qualité   | Klotz Alain       | 11/09/2022 10:44 AM |           |
| 49215 | PyROS   | Task    | In progress | Normal   | 3 - (L1b) - WCS - Reconnaissance du champ (lien entre pixels et coord célestes) et analyse qualité (+ json CATA)   | Klotz Alain       | 11/09/2022 10:43 AM |           |
| 49214 | PyROS   | Task    | In progress | Normal   | 2 - (L1a) - Pré-traitement de chaque image (dans l'ordre) (fits RAW => fits CAL) : corrections (pixels modifiés + mise à jour header), calibrations D/B/F et orientation | Klotz Alain       | 11/09/2022 10:36 AM |           |
| 49213 | PyROS   | Task    | In progress | Normal   | 1 - (L0) - Récupération et organisation des images L0 (RAW fits)   | Klotz Alain       | 11/09/2022 10:35 AM |           |
| 49210 | PyROS   | Task    | New         | Normal   | CONFIGURATION GENERALE   |                   | 03/15/2022 11:11 PM |           |
| 49162 | PyROS   | Task    | New         | Normal   | Check sequence validity  | Klotz Alain       | 02/03/2022 10:23 AM |           |
| 49157 | PyROS   | Task    | New         | Normal   | AgentHyperSST - Hyper Agent général qui démarre et surveille l'ensemble des Super agents SST sur chaque noeud  | Koralewski Alexis | 10/03/2022 10:51 AM |           |
| 49156 | PyROS   | Task    | New         | Normal   | AgentSST (Start&Stop) - Super Agent qui démarre et stoppe les agents du noeud pyros dont il est responsable, et surveille leur bonne santé (les relance si besoin)       | Koralewski Alexis | 10/03/2022 10:53 AM |           |
| 49152 | PyROS   | Task    | New         | Normal   | START & STOP software (commandes start/newstart et stop)   |                   | 10/03/2022 10:52 AM |           |
| 49150 | PyROS   | Task    | New         | High     | Ajout du script PYROS wrapper sur pyros.py pour gérer proprement tous les contextes d'appel  | Pallier Etienne   | 01/31/2022 11:36 AM | Evolution |

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|-------|-----------|---------|-------------|-----------|---|-----------------|---------------------|----------|
| 49149 | PyROS     | Task    | New         | High      | RUN SCRIPT (PYROS/pyros.py) (uniquement pour la partie execution)                       |                 | 10/03/2022 10:52 AM |          |
| 49137 | PyROS     | Task    | New         | Normal    | Guitastro - Développement Outils dédiés dans guitastro                                  | Klotz Alain     | 10/07/2022 04:00 PM |          |
| 49136 | PyROS     | Task    | New         | Normal    | GF03-INFRA - Logging integration (general logs & agents)                                |                 | 06/29/2022 07:25 AM |          |
| 49135 | PyROS     | Task    | In progress | Normal    | SF15-SST integration (agents, start, stop, commands)                                    |                 | 09/26/2022 09:40 AM |          |
| 49133 | PyROS     | Task    | New         | Normal    | SF13-IAF integration  |                 | 01/29/2022 12:47 AM |          |
| 49132 | PyROS     | Task    | New         | Normal    | SF12-IAN integration  |                 | 01/29/2022 12:48 AM |          |
| 49131 | PyROS     | Task    | New         | Normal    | SF11-IPC integration  |                 | 01/29/2022 12:46 AM |          |
| 49130 | PyROS     | Task    | New         | Normal    | SF10-CAL integration  |                 | 01/29/2022 12:46 AM |          |
| 49129 | PyROS     | Task    | New         | Normal    | SF09-CMC integration  |                 | 01/29/2022 12:46 AM |          |
| 49128 | PyROS     | Task    | New         | Normal    | SF08-EXE integration  |                 | 01/29/2022 12:45 AM |          |
| 49127 | PyROS     | Task    | New         | Normal    | SF07-PLN integration  |                 | 01/29/2022 12:45 AM |          |
| 49126 | PyROS     | Task    | New         | Normal    | SF06-ALR integration  |                 | 01/29/2022 12:45 AM |          |
| 49125 | PyROS     | Task    | New         | Normal    | SF05-SEQ integration  |                 | 03/15/2022 11:03 PM |          |
| 49124 | PyROS     | Task    | New         | Normal    | SF04-SPV integration (AgentMajordome)   |                 | 06/29/2022 07:21 AM |          |
| 49123 | PyROS     | Task    | New         | Normal    | SF03-ENV integration  |                 | 06/29/2022 07:20 AM |          |
| 49122 | PyROS     | Task    | New         | Normal    | SF02-SCP integration  |                 | 01/29/2022 12:50 AM |          |
| 49121 | PyROS     | Task    | New         | Normal    | SF01-USR integration  |                 | 01/29/2022 12:50 AM |          |
| 49120 | PyROS     | Task    | New         | Normal    | General Design (structure, design, responsive, CSS)                                     |                 | 06/29/2022 07:18 AM |          |
| 48784 | XLDP      | Bug     | New         | Normal    | Jobs en erreurs depuis le 19/01 19h30   |                 | 01/20/2022 10:12 AM |          |
| 48758 | LabInvent | Task    | New         | Immediate | Modifs demandées par C. Feugeade le 18/1/22   | Pallier Etienne | 01/19/2022 04:22 PM |          |
| 48757 | LabInvent | Feature | New         | Immediate | *** F - DIVERS TODO (à dispatcher)  | Pallier Etienne | 01/19/2022 04:12 PM |          |
| 48307 | PyROS     | Task    | New         | Normal    | Send, Receive, and Process Commands (Agent <=> Agent)                                   |                 | 06/29/2022 07:33 AM |          |
| 48290 | PyROS     | Task    | New         | Normal    | Auto mode   |                 | 12/14/2021 12:35 PM |          |
| 48289 | PyROS     | Task    | New         | Normal    | Entity (AgentDevice class)  |                 | 12/14/2021 12:32 PM |          |
| 48288 | PyROS     | Task    | New         | Normal    | Entity (DeviceController class)   |                 | 12/14/2021 12:31 PM |          |
| 48285 | PyROS     | Task    | New         | Normal    | Lancement auto et gestion du DeviceController associé                                   |                 | 12/14/2021 12:22 PM |          |
| 48284 | PyROS     | Task    | New         | Normal    | Lancement auto et gestion des Components associés (qui sont aussi des DeviceController) |                 | 12/14/2021 12:20 PM |          |
| 48279 | PyROS     | Task    | New         | Normal    | General LOGGING (fichiers texte, écran en mode debug)                                   |                 | 03/16/2022 04:45 PM |          |
| 48278 | PyROS     | Task    | New         | High      | AGENT général (dont dépendent tous les agents et AgentDevices...) - Agent base class    | Pallier Etienne | 10/03/2022 02:30 PM |          |
| 48276 | PyROS     | Task    | New         | Normal    | Scripts d'installation docker   |                 | 12/14/2021 11:44 AM |          |
| 48275 | PyROS     | Task    | New         | Normal    | version PROD TNC Nouvelle Calédonie - instance docker de production sur site final      |                 | 12/14/2021 11:42 AM |          |

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| 48274 | PyROS     | Task    | New         | Normal    | version TEST TNC France - instance docker de test en France   |                   | 12/14/2021 11:42 AM |          |
| 48273 | PyROS     | Task    | New         | Normal    | version DEV gitalens - instance docker sur serveur gitalens   |                   | 12/14/2021 11:46 AM |          |
| 48271 | PyROS     | Task    | New         | High      | CLASSIC installation (with venv)  |                   | 03/16/2022 07:27 AM |          |
| 48270 | PyROS     | Task    | New         | Normal    | SCRIPT INSTALL/UPDATE (PYROS/pyros.py) (uniquement pour la partie install & update)                         |                   | 02/23/2022 05:57 PM |          |
| 48259 | PyROS     | Task    | In progress | Normal    | EXPORT (Download) as a text file (YAML)   | Koralewski Alexis | 02/23/2022 10:45 AM |          |
| 48250 | PyROS     | Task    | In progress | Normal    | DELETE  | Koralewski Alexis | 02/21/2022 03:38 PM |          |
| 48223 | LabInvent | Task    | New         | Normal    | instance perso (docker)   |                   | 12/13/2021 11:08 AM |          |
| 48222 | LabInvent | Task    | New         | Normal    | (NEW func) Gérer Suivi d'un User  |                   | 12/13/2021 10:39 AM |          |
| 48005 | LabInvent | Task    | New         | Normal    | Bugfix toutes les Deprecated Errors   |                   | 12/06/2021 02:37 PM |          |
| 47966 | LabInvent | Task    | New         | Normal    | Ajouter test Commande (avec devis joint)  |                   | 11/30/2021 04:17 PM |          |
| 47962 | LabInvent | Task    | New         | Urgent    | (IRAP only) re-install inventirap avec php7   |                   | 11/30/2021 03:17 PM |          |
| 47960 | LabInvent | Task    | New         | Immediate | CHAMPS  |                   | 01/19/2022 03:51 PM |          |
| 47959 | LabInvent | Task    | New         | Normal    | *** F - ENTITY - Fournisseurs   |                   | 11/30/2021 12:57 PM |          |
| 47958 | LabInvent | Task    | New         | Normal    | delete (generic)  |                   | 11/30/2021 12:47 PM |          |
| 47957 | LabInvent | Feature | New         | Normal    | *** F - ENTITY - Les GROUPES (de User ou Materiel) : Thématique, Métier, Projet, Site (+ Pole ou Service ?) |                   | 12/13/2021 11:12 AM |          |
| 47954 | LabInvent | Task    | New         | Normal    | 1 - CREATED   |                   | 11/30/2021 01:27 PM |          |
| 47953 | LabInvent | Task    | New         | Normal    | 2a - TOBEORDERED (optionnel)  |                   | 11/30/2021 01:27 PM |          |
| 47952 | LabInvent | Task    | New         | High      | Ecran d'accueil à restructurer  |                   | 11/30/2021 03:43 PM |          |
| 47951 | LabInvent | Feature | New         | Normal    | *** F - Etiquettes & Imprimantes  |                   | 11/30/2021 01:42 PM |          |
| 47950 | LabInvent | Task    | New         | Normal    | DB complète à mettre à jour   |                   | 11/30/2021 12:26 PM |          |
| 47947 | LabInvent | Task    | New         | High      | docker only   |                   | 12/13/2021 11:07 AM |          |
| 47946 | LabInvent | Task    | New         | Normal    | classic only  |                   | 12/03/2021 09:50 AM |          |
| 47945 | LabInvent | Task    | New         | Normal    | ALL   |                   | 11/30/2021 12:23 PM |          |
| 47942 | LabInvent | Task    | New         | High      | index (generic)   |                   | 11/30/2021 03:48 PM |          |
| 47937 | LabInvent | Task    | New         | High      | Read (index & view) (generic ?)   |                   | 11/30/2021 03:48 PM |          |
| 47936 | LabInvent | Task    | New         | High      | 3-4 - TBO & ARCHIVED  |                   | 11/30/2021 03:43 PM |          |
| 47935 | LabInvent | Task    | New         | Normal    | 2b - VALIDATED  |                   | 11/30/2021 01:27 PM |          |
| 47934 | LabInvent | Task    | New         | High      | LIFECYCLE (Status) : CREATED => (TBO) => VALIDATED => TBA => ARCHIVED                                       |                   | 11/30/2021 03:43 PM |          |
| 47932 | LabInvent | Feature | New         | Normal    | *** F - DOC (documentation)   |                   | 11/30/2021 01:10 PM |          |
| 47930 | LabInvent | Task    | New         | Normal    | *** F - ENTITY - QrCode   |                   | 11/30/2021 01:26 PM |          |

| #     | Project   | Tracker | Status | Priority  | Subject  | Assigned To | Updated             | Category |
|-------|-----------|---------|--------|-----------|--|-------------|---------------------|----------|
| 47927 | LabInvent | Task    | New    | High      | A gérer via fichier conf YAML  |             | 11/30/2021 03:47 PM |          |
| 47926 | LabInvent | Task    | New    | High      | Instance DEMO docker - à installer sur hyp2 puis sur VM pweb3                          |             | 12/13/2021 11:07 AM |          |
| 47925 | LabInvent | Task    | New    | Normal    | (après cakephp v4) Passer à Php 8  |             | 11/30/2021 11:48 AM |          |
| 47924 | LabInvent | Task    | New    | Normal    | (après 3.9) Passer à v4  |             | 11/30/2021 11:48 AM |          |
| 47922 | LabInvent | Task    | New    | Immediate | Passer directement à v3.LAST (3.10.1)  |             | 12/02/2021 04:45 PM |          |
| 47921 | LabInvent | Feature | New    | Immediate | *** F - Framework CakePhp  |             | 12/02/2021 04:45 PM |          |
| 47914 | LabInvent | Task    | New    | High      | index (generic)  |             | 11/30/2021 03:50 PM |          |
| 47913 | LabInvent | Task    | New    | Normal    | ROLES (profils)  |             | 11/30/2021 01:39 PM |          |
| 47912 | LabInvent | Task    | New    | High      | (VUE) Elements et Helper   |             | 11/30/2021 03:51 PM |          |
| 47911 | LabInvent | Task    | New    | Normal    | Create/Update (add_edit generic)   |             | 11/30/2021 11:04 AM |          |
| 47907 | LabInvent | Task    | New    | Normal    | *** F - Config YAML (champs matériels) : champs obligatoires, recommandés, ou readonly |             | 11/30/2021 01:25 PM |          |
| 47906 | LabInvent | Task    | New    | Urgent    | Champs virtuels  |             | 11/30/2021 03:50 PM |          |
| 47905 | LabInvent | Task    | New    | Urgent    | Read (index & view) (generic)  |             | 12/01/2021 11:21 AM |          |
| 47903 | LabInvent | Task    | New    | Urgent    | Rappels automatiques pour les suivis récurrents (périodiques)                          |             | 12/01/2021 11:17 AM |          |
| 47901 | LabInvent | Task    | New    | Urgent    | Read (view & index)  |             | 12/01/2021 11:17 AM |          |
| 47899 | LabInvent | Task    | New    | Urgent    | view (generic)   |             | 12/01/2021 11:21 AM |          |
| 47897 | LabInvent | Task    | New    | High      | *** F - Stats (Users)  |             | 11/30/2021 03:48 PM |          |
| 47895 | LabInvent | Feature | New    | Normal    | *** F - ENTITY - Documents attachés (à Matériel ou Suivi)                              |             | 12/13/2021 11:09 AM |          |
| 47893 | LabInvent | Task    | New    | Normal    | Views  |             | 11/30/2021 01:21 PM |          |
| 47890 | LabInvent | Task    | New    | High      | Commander (demande achat)  |             | 01/19/2022 03:48 PM |          |
| 47889 | LabInvent | Task    | New    | Normal    | Changer statut - setStatusTo*()  |             | 11/30/2021 01:19 PM |          |
| 47886 | LabInvent | Task    | New    | Urgent    | Notifications  |             | 11/30/2021 03:45 PM |          |
| 47885 | LabInvent | Task    | New    | Normal    | filtrage (voir formulaire index)   |             | 11/30/2021 01:30 PM |          |
| 47884 | LabInvent | Task    | New    | High      | partitionnement par Site (besoin IP2I/LMA)   |             | 11/30/2021 03:43 PM |          |
| 47883 | LabInvent | Task    | New    | Normal    | formulaire de recherche multi-critères   |             | 11/30/2021 01:30 PM |          |
| 47882 | LabInvent | Task    | New    | High      | Delete - delete  |             | 11/30/2021 03:42 PM |          |
| 47881 | LabInvent | Task    | New    | High      | Read - view  |             | 11/30/2021 03:42 PM |          |
| 47880 | LabInvent | Task    | New    | Normal    | Read - index   |             | 11/30/2021 01:16 PM |          |
| 47879 | LabInvent | Task    | New    | High      | Create/Update - add_edit   |             | 11/30/2021 03:42 PM |          |
| 47878 | LabInvent | Task    | New    | High      | Autres   |             | 11/30/2021 03:44 PM |          |
| 47877 | LabInvent | Task    | New    | High      | find (search)  |             | 11/30/2021 03:43 PM |          |
| 47876 | LabInvent | Task    | New    | High      | CRUD   |             | 11/30/2021 03:42 PM |          |

| #     | Project   | Tracker | Status | Priority  | Subject  | Assigned To | Updated             | Category |
|-------|-----------|---------|--------|-----------|--|-------------|---------------------|----------|
| 47875 | LabInvent | Feature | New    | Urgent    | *** F - ENTITY GÉNÉRIQUE - Actions & Vues génériques (& Refactorisation) |             | 12/01/2021 11:21 AM |          |
| 47874 | LabInvent | Task    | New    | Urgent    | Stats  |             | 11/30/2021 03:44 PM |          |
| 47873 | LabInvent | Task    | New    | Normal    | Model (Entity & Table)   |             | 12/01/2021 09:37 AM |          |
| 47872 | LabInvent | Task    | New    | High      | Actions & Vues   |             | 11/30/2021 03:42 PM |          |
| 47871 | LabInvent | Task    | New    | Normal    | Autorisations  |             | 11/30/2021 01:29 PM |          |
| 47870 | LabInvent | Task    | New    | Normal    | Tests (Materiels)  |             | 11/30/2021 03:38 PM |          |
| 47869 | LabInvent | Feature | New    | Normal    | *** F - Tests  |             | 12/06/2021 02:28 PM |          |
| 47868 | LabInvent | Task    | New    | Normal    | *** F - Super Entité (AppController, AppTable)                           |             | 11/30/2021 01:34 PM |          |
| 47867 | LabInvent | Task    | New    | High      | *** F - Autorisations (Users)  |             | 11/30/2021 03:47 PM |          |
| 47866 | LabInvent | Feature | New    | Urgent    | *** F - Installation   |             | 12/13/2021 11:08 AM |          |
| 47865 | LabInvent | Feature | New    | Normal    | *** F - Configuration générale   |             | 12/13/2021 11:06 AM |          |
| 47864 | LabInvent | Feature | New    | Normal    | *** F - ENTITY - Autres  |             | 11/30/2021 12:57 PM |          |
| 47863 | LabInvent | Feature | New    | High      | *** F - ENTITY - Users   |             | 11/30/2021 03:43 PM |          |
| 47862 | LabInvent | Feature | New    | Normal    | *** F - ENTITY - Prets (de Materiel)                                     |             | 12/13/2021 11:10 AM |          |
| 47861 | LabInvent | Feature | New    | Urgent    | *** F - ENTITY - Suivis (de Materiel ou User)                            |             | 12/13/2021 11:10 AM |          |
| 47860 | LabInvent | Feature | New    | Immediate | *** F - ENTITY - Materiels   |             | 01/19/2022 03:51 PM |          |
| 47447 | PyROS     | Task    | New    | Normal    | (F05) ACTIONS (CRUD), VIEWS, and AUTHORIZATIONS                          |             | 02/23/2022 10:45 AM |          |
| 47446 | PyROS     | Task    | New    | Normal    | DOSSIER SSI  |             | 10/11/2021 11:32 AM |          |
| 47445 | PyROS     | Task    | New    | Normal    | CAHIER DE RECETTE (NC)   |             | 10/11/2021 11:31 AM |          |
| 47444 | PyROS     | Task    | New    | Normal    | MANUELS UTILISATION, INSTALLATION, ET MAINTENANCE                        |             | 10/11/2021 11:31 AM |          |
| 47443 | PyROS     | Task    | New    | Normal    | RAPPORT DES TESTS & VALIDATIONS (application du plan de test)            |             | 10/11/2021 11:31 AM |          |
| 47442 | PyROS     | Task    | New    | Normal    | PLAN DE TESTS ET DE VALIDATIONS  |             | 10/11/2021 11:33 AM |          |
| 47441 | PyROS     | Task    | New    | Normal    | DOSSIER DE DÉFINITION  |             | 10/11/2021 11:32 AM |          |
| 47440 | PyROS     | Task    | New    | Normal    | LIVRABLES  |             | 10/11/2021 11:29 AM |          |
| 47439 | PyROS     | Task    | New    | Normal    | PA et PK CNES  |             | 01/31/2022 11:29 AM |          |
| 47438 | PyROS     | Task    | New    | Normal    | PK5 (2023-06) - Doc LIVRABLES (et Présentations)                         |             | 10/11/2021 11:26 AM |          |
| 47437 | PyROS     | Task    | New    | Normal    | PA4.1 (2023-05) - Présentations et Rapport Avancement                    |             | 10/11/2021 11:25 AM |          |
| 47436 | PyROS     | Task    | New    | Normal    | PK4 (2023-02) - Doc LIVRABLES (et Présentations)                         |             | 10/11/2021 11:23 AM |          |
| 47435 | PyROS     | Task    | New    | Normal    | PA3.2 (2023-02) - Présentations et Rapport Avancement                    |             | 10/11/2021 11:22 AM |          |
| 47433 | PyROS     | Task    | New    | Normal    | PA3.1 (2023-01) - Présentations et Rapport Avancement                    |             | 10/11/2021 11:22 AM |          |
| 47432 | PyROS     | Task    | New    | Normal    | PK3 (2023-01) - Doc LIVRABLES (et Présentations)                         |             | 10/11/2021 11:20 AM |          |
| 47431 | PyROS     | Task    | New    | Normal    | PA2.2 (2022-10) - Présentations et Rapport Avancement                    |             | 10/11/2021 11:19 AM |          |
| 47430 | PyROS     | Task    | New    | Normal    | PA2.1 (2022-08) - Présentations et Rapport Avancement                    |             | 10/11/2021 11:18 AM |          |



| #     | Project | Tracker | Status      | Priority | Subject  | Assigned To          | Updated             | Category |
|-------|---------|---------|-------------|----------|--|----------------------|---------------------|----------|
| 47428 | PyROS   | Task    | New         | Normal   | PK2 (2022-06) - Présentations + RA + Doc LIVRABLES                                       |                      | 01/31/2022 11:34 AM |          |
| 47419 | PyROS   | Task    | New         | Normal   | F16 FUNCTIONAL Tests   |                      | 10/11/2021 10:11 AM |          |
| 47418 | PyROS   | Task    | New         | Normal   | F15 FUNCTIONAL Tests   |                      | 10/11/2021 10:11 AM |          |
| 47416 | PyROS   | Task    | New         | Normal   | F13 FUNCTIONAL Tests   |                      | 10/11/2021 10:11 AM |          |
| 47415 | PyROS   | Task    | New         | Normal   | F12 FUNCTIONAL Tests   |                      | 10/11/2021 10:11 AM |          |
| 47414 | PyROS   | Task    | New         | Normal   | F11 FUNCTIONAL Tests   |                      | 10/11/2021 10:10 AM |          |
| 47413 | PyROS   | Task    | New         | Normal   | F10 FUNCTIONAL Tests   |                      | 10/11/2021 10:10 AM |          |
| 47412 | PyROS   | Task    | In progress | Normal   | F09 Tests  |                      | 10/12/2021 03:01 PM |          |
| 47411 | PyROS   | Task    | New         | Normal   | F08 FUNCTIONAL Tests   |                      | 10/11/2021 10:10 AM |          |
| 47410 | PyROS   | Task    | New         | Normal   | F07 FUNCTIONAL Tests   |                      | 10/11/2021 10:10 AM |          |
| 47409 | PyROS   | Task    | New         | Normal   | F06 FUNCTIONAL Tests   |                      | 10/11/2021 10:10 AM |          |
| 47408 | PyROS   | Task    | In progress | Normal   | F05 Tests  |                      | 10/12/2021 03:00 PM |          |
| 47407 | PyROS   | Task    | In progress | Normal   | F04 Tests  |                      | 10/12/2021 03:00 PM |          |
| 47406 | PyROS   | Task    | In progress | Normal   | F03 Tests  |                      | 10/12/2021 03:00 PM |          |
| 47405 | PyROS   | Task    | In progress | Normal   | F02 Tests  |                      | 10/12/2021 02:59 PM |          |
| 47403 | PyROS   | Task    | New         | Normal   | HIGH LEVEL FUNCTION TESTS - Transversal functionalities TESTs involving several features |                      | 10/11/2021 10:08 AM |          |
| 47402 | PyROS   | Task    | New         | Normal   | INTEGRATION TESTS - FEATURES integration tests with each other                           |                      | 10/11/2021 10:07 AM |          |
| 47401 | PyROS   | Task    | New         | Normal   | FUNCTIONAL TESTS - Each FEATURE functional tests   |                      | 10/11/2021 11:42 AM |          |
| 47393 | PyROS   | Task    | New         | Normal   | Device Config file (cf F14)  |                      | 12/14/2021 12:33 PM |          |
| 47392 | PyROS   | Task    | New         | Normal   | Device Commands Grammar (Generic & Native)   |                      | 12/14/2021 12:32 PM |          |
| 47391 | PyROS   | Task    | New         | Normal   | Device Simulator (DeviceSimulator)   |                      | 12/14/2021 12:32 PM |          |
| 47390 | PyROS   | Task    | New         | Normal   | Device Agent (AgentDevice) (de type Agent)   |                      | 12/14/2021 12:32 PM |          |
| 47389 | PyROS   | Task    | New         | Normal   | Device Controller (DeviceController)   |                      | 12/14/2021 12:29 PM |          |
| 47388 | PyROS   | Task    | New         | High     | (F14) ENTITIES - definition & implementation - CONFIG FILES                              |                      | 10/07/2022 02:03 PM |          |
| 47387 | PyROS   | Task    | New         | Normal   | (F14) CRUD config  |                      | 10/03/2022 02:59 PM |          |
| 47386 | PyROS   | Task    | New         | Normal   | (F03) Initial data (fixture)   |                      | 12/15/2021 07:32 AM |          |
| 47375 | PyROS   | Task    | New         | Normal   | Association quota SP   |                      | 10/11/2021 10:37 AM |          |
| 47368 | PyROS   | Task    | In progress | Normal   | CRUD Scientific Theme  | Koralewski<br>Alexis | 10/11/2021 10:01 AM |          |
| 46790 | PyROS   | Task    | New         | Normal   | F16 - EXIGENCES satisfaites (+ tests mis à jour)   |                      | 09/26/2022 09:43 AM |          |
| 46789 | PyROS   | Task    | New         | Normal   | F15 - EXIGENCES satisfaites (+ tests mis à jour)   |                      | 09/14/2021 02:47 PM |          |
| 46788 | PyROS   | Task    | New         | Normal   | (F14) EXIGENCES satisfaites (+ tests mis à jour)   |                      | 01/29/2022 01:24 AM |          |
| 46787 | PyROS   | Task    | New         | Normal   | (F09) REQUIREMENTS validated (+ tests updated)   |                      | 12/14/2021 12:18 PM |          |

| #     | Project | Tracker | Status      | Priority | Subject   | Assigned To       | Updated             | Category |
|-------|---------|---------|-------------|----------|---|-------------------|---------------------|----------|
| 46786 | PyROS   | Task    | New         | Normal   | F08 - EXIGENCES satisfaites (+ tests mis à jour)                                  |                   | 09/14/2021 02:45 PM |          |
| 46785 | PyROS   | Task    | New         | Normal   | (SF07) EXIGENCES satisfaites (+ tests mis à jour)                                 |                   | 10/03/2022 03:10 PM |          |
| 46783 | PyROS   | Task    | New         | Normal   | F04 - EXIGENCES satisfaites (+ tests mis à jour)                                  |                   | 09/14/2021 02:43 PM |          |
| 46782 | PyROS   | Task    | New         | Normal   | (F03) EXIGENCES satisfaites (+ tests mis à jour)                                  |                   | 10/03/2022 02:41 PM |          |
| 46781 | PyROS   | Task    | New         | Normal   | (F02) EXIGENCES satisfaites (+ tests mis à jour)                                  |                   | 01/29/2022 01:27 AM |          |
| 46780 | PyROS   | Task    | New         | Normal   | (F01) EXIGENCES satisfaites (+ tests mis à jour)                                  |                   | 10/08/2021 06:01 PM |          |
| 45818 | PyROS   | Task    | New         | Normal   | (F14) TESTS to validate this feature  |                   | 08/09/2021 10:43 AM |          |
| 45816 | PyROS   | Task    | New         | Normal   | SP Delete   |                   | 10/28/2021 08:35 AM |          |
| 45815 | PyROS   | Task    | New         | Normal   | test_SCP_manage_quota   |                   | 09/22/2021 04:47 PM |          |
| 45811 | PyROS   | Task    | New         | Normal   | SP update   |                   | 11/03/2021 09:16 AM |          |
| 45810 | PyROS   | Task    | New         | Normal   | SP Read (view list and view 1)  |                   | 10/27/2021 02:47 PM |          |
| 45809 | PyROS   | Task    | New         | Normal   | SP Create   |                   | 10/27/2021 08:42 AM |          |
| 45799 | PyROS   | Task    | New         | Normal   | Execute TESTS on commit/push (new script PUSH)                                    | Pallier Etienne   | 07/19/2021 08:54 AM |          |
| 45791 | PyROS   | Task    | New         | Normal   | PA1.1 (2022-03) - Présentations et Rapport Avancement                             |                   | 10/11/2021 11:14 AM |          |
| 45790 | PyROS   | Task    | New         | Normal   | PK1 (2022-01) - Présentations + RA + Doc LIVRABLES                                |                   | 01/31/2022 11:33 AM |          |
| 45781 | PyROS   | Task    | In progress | Normal   | Documentation et Présentations pour les PA et PK CNES                             |                   | 01/31/2022 11:32 AM |          |
| 45776 | PyROS   | Task    | New         | Normal   | Test User Delete  |                   | 08/13/2021 01:46 PM |          |
| 45772 | PyROS   | Task    | New         | Normal   | Test User Read (view list and view 1)   |                   | 08/13/2021 01:51 PM |          |
| 45766 | PyROS   | Task    | New         | Normal   | Test User Update  |                   | 08/13/2021 01:53 PM |          |
| 45762 | PyROS   | Task    | New         | Normal   | Test User Connexion   |                   | 08/13/2021 01:55 PM |          |
| 45761 | PyROS   | Task    | New         | Normal   | Test User Create (registration)   |                   | 08/13/2021 01:54 PM |          |
| 45756 | PyROS   | Task    | New         | Normal   | QUOTA & PRIO - Gestion du quota et de la priorité                                 |                   | 10/11/2021 10:35 AM |          |
| 45753 | PyROS   | Task    | In progress | Normal   | Public visibility : gérer les champs publics                                      | Koralewski Alexis | 10/07/2021 12:49 PM |          |
| 45749 | PyROS   | Task    | In progress | Normal   | Gérer le retrait et le retour d'un device (panne, désactiver/réactiver un device) |                   | 08/09/2021 10:42 AM |          |
| 45748 | PyROS   | Task    | New         | Normal   | Définir Accesseurs (getX())   |                   | 01/29/2022 01:21 AM |          |
| 45556 | PyROS   | Task    | New         | Normal   | User activation/deactivation  |                   | 06/25/2021 08:18 AM |          |
| 45555 | PyROS   | Task    | In progress | Normal   | CRUD Time Periods   | Koralewski Alexis | 09/07/2021 08:58 AM |          |
| 45552 | PyROS   | Task    | New         | Normal   | General configuration integration   |                   | 03/15/2022 11:15 PM |          |
| 45550 | PyROS   | Task    | New         | Normal   | Users View & Export   | Koralewski Alexis | 03/29/2022 09:14 AM |          |
| 45485 | PyROS   | Feature | New         | High     | **** D0 - GENERAL, ADMINISTRATIVE & TECHNICAL                                     |                   | 03/16/2022 04:53 PM |          |
| 45484 | PyROS   | Feature | New         | Normal   | **** D5 - Images management (L1-L2)   |                   | 11/09/2022 10:36 AM |          |

| #     | Project | Tracker | Status      | Priority | Subject  | Assigned To       | Updated             | Category |
|-------|---------|---------|-------------|----------|--|-------------------|---------------------|----------|
| 45483 | PyROS   | Feature | New         | High     | **** D4 - Images production (L0)   |                   | 11/09/2022 10:31 AM |          |
| 45482 | PyROS   | Feature | New         | High     | **** D3 - Sequences submission & plannig   |                   | 10/07/2022 01:31 PM |          |
| 45481 | PyROS   | Feature | New         | Normal   | **** D2 - Users & Programs   |                   | 09/26/2022 09:23 AM |          |
| 45480 | PyROS   | Feature | New         | High     | **** D1 - System Security & Control  |                   | 10/03/2022 02:31 PM |          |
| 45452 | PyROS   | Story   | New         | Normal   | *** REQ-0XX REQUIREMENTS FROM CNES (PR)  |                   | 06/14/2021 01:17 PM |          |
| 45346 | PyROS   | Task    | New         | Normal   | (F10) ENTITIES - Initial data (fixture)  |                   | 10/07/2022 04:26 PM |          |
| 45340 | PyROS   | Task    | New         | Normal   | INITIAL DATA (fixtures)  | Koralewski Alexis | 12/14/2021 12:09 PM |          |
| 45337 | PyROS   | Task    | In progress | Normal   | Description du Site (horizon + home)   | Klotz Alain       | 10/11/2021 10:42 AM |          |
| 45336 | PyROS   | Task    | In progress | Normal   | SCHEMA FILES - Fichiers schema pour valider la config  | Koralewski Alexis | 10/11/2021 10:43 AM |          |
| 45295 | PyROS   | Task    | New         | Normal   | Create DARK files (acquisition)  |                   | 05/27/2021 11:22 AM |          |
| 45294 | PyROS   | Task    | New         | Normal   | Create BIAS files (acquisition)  |                   | 05/27/2021 11:22 AM |          |
| 45293 | PyROS   | Task    | New         | Normal   | Create FLAT files (acquisition)  |                   | 05/27/2021 11:21 AM |          |
| 45292 | PyROS   | Task    | New         | Normal   | (F10) TESTS to validate this feature   |                   | 05/27/2021 11:11 AM |          |
| 45291 | PyROS   | Task    | New         | Normal   | (F10) AUTHORIZATIONS for this feature (who can do what) : documentation & implementation                             |                   | 06/08/2021 08:19 AM |          |
| 45290 | PyROS   | Task    | New         | Normal   | (F10) ENTITIES - definition & implementation   |                   | 10/07/2022 04:25 PM |          |
| 45195 | PyROS   | Story   | New         | Normal   | REQ-122 Page information état agent  |                   | 05/12/2021 12:18 PM |          |
| 45194 | PyROS   | Story   | New         | Normal   | REQ-121 Limiter le nombre d'essais de connexion d'un utilisateur   |                   | 05/12/2021 12:17 PM |          |
| 45193 | PyROS   | Story   | New         | Normal   | REQ-120 Pages web dédiées pour gérer différents besoins  |                   | 05/12/2021 12:17 PM |          |
| 45192 | PyROS   | Story   | New         | Normal   | REQ-119 Analyse images : le service de traitement d'images doit être interopérable (à distance, par service externe) |                   | 05/12/2021 12:17 PM |          |
| 45191 | PyROS   | Story   | New         | Normal   | REQ-118 Avoir un obturateur sur les caméras (Utile pour faire les Dark)  |                   | 05/12/2021 12:16 PM |          |
| 45190 | PyROS   | Story   | New         | Normal   | REQ-117 Calibration : génération des images de calibration en fonction du temps (DBF) (Dark dépend du temps pose)    |                   | 05/12/2021 12:16 PM |          |
| 45189 | PyROS   | Story   | New         | Normal   | REQ-116 Calibration astro : trouver une solution quand l'image est distendue (distortion)                            |                   | 05/12/2021 12:16 PM |          |
| 45188 | PyROS   | Story   | New         | Normal   | REQ-115 Calibration : traiter efficacement les fichiers de calibration DBF (dark, bias, flat)                        |                   | 05/12/2021 12:15 PM |          |
| 45187 | PyROS   | Story   | New         | Normal   | REQ-114 Planification des séquences : Equité   |                   | 05/12/2021 12:15 PM |          |
| 45186 | PyROS   | Story   | New         | Normal   | REQ-113 Planification des séquences : Efficacité, efficience   |                   | 05/12/2021 12:15 PM |          |
| 45185 | PyROS   | Story   | New         | Normal   | REQ-112 Planification des séquences : Flexibilité  |                   | 05/12/2021 12:14 PM |          |
| 45184 | PyROS   | Story   | New         | Normal   | REQ-111 Mise en sécurité automatique en cas de cyclone   |                   | 03/16/2022 04:38 PM |          |
| 45183 | PyROS   | Story   | New         | Normal   | REQ-110 Arrêt et redémarrage automatique en cas de coupure électrique  |                   | 03/16/2022 04:38 PM |          |

| #     | Project | Tracker | Status | Priority | Subject   | Assigned To | Updated             | Category |
|-------|---------|---------|--------|----------|---|-------------|---------------------|----------|
| 45182 | PyROS   | Story   | New    | Normal   | REQ-109 Afficher infos utiles sur les requetes/séquences  |             | 05/12/2021 12:13 PM |          |
| 45181 | PyROS   | Story   | New    | Normal   | REQ-108 Pouvoir déposer dans différents systèmes de coordonnées   |             | 02/22/2022 04:38 PM |          |
| 45180 | PyROS   | Story   | New    | Normal   | REQ-107 Suivi complet d'une requête, depuis son dépôt, jusqu'à son exécution, en passant par sa planification |             | 05/12/2021 12:12 PM |          |
| 45179 | PyROS   | Story   | New    | Normal   | REQ-106 Requete appartient à un SP (lié à un PI qui est lié à des users)                                      |             | 05/12/2021 12:12 PM |          |
| 45178 | PyROS   | Story   | New    | Normal   | REQ-105 Pouvoir enlever une séquence (scène) déposée pour en déposer une autre                                |             | 05/12/2021 12:11 PM |          |
| 45177 | PyROS   | Story   | New    | Normal   | REQ-104 Rôles utilisateurs (profils)  |             | 05/12/2021 12:11 PM |          |
| 45176 | PyROS   | Story   | New    | Normal   | REQ-103 Connexion unique pour accéder à tous les services, si possible via annuaire LDAP                      |             | 05/12/2021 12:10 PM |          |
| 45175 | PyROS   | Story   | New    | Normal   | REQ-102 Surveillance et sécurisation de la BD   |             | 03/16/2022 04:38 PM |          |
| 45174 | PyROS   | Story   | New    | Normal   | REQ-213 Sauvegarde temporaire des images brutes pour opérations de maintenance                                |             | 05/12/2021 12:01 PM |          |
| 45173 | PyROS   | Story   | New    | Normal   | REQ-212 Espace privé pour extensions et déploiement sans git  |             | 05/12/2021 12:00 PM |          |
| 45172 | PyROS   | Story   | New    | Normal   | REQ-211 Allsky scan   |             | 05/12/2021 11:58 AM |          |
| 45171 | PyROS   | Story   | New    | Normal   | REQ-210 Affichage contenu BD  |             | 05/12/2021 11:58 AM |          |
| 45170 | PyROS   | Story   | New    | Normal   | REQ-209 Lecture des logs  |             | 05/12/2021 11:58 AM |          |
| 45169 | PyROS   | Story   | New    | Normal   | REQ-208 Lecture et téléchargement des images  |             | 05/12/2021 11:57 AM |          |
| 45168 | PyROS   | Story   | New    | Normal   | REQ-207 Rapports de synthèse, outils de monitoring  |             | 05/12/2021 11:57 AM |          |
| 45167 | PyROS   | Story   | New    | Normal   | REQ-206 Espace mutualisé (comme CADOR)  |             | 05/12/2021 11:57 AM |          |
| 45166 | PyROS   | Story   | New    | Normal   | REQ-205 Bandeau en haut de pages pour messages d'info ou avertissement  |             | 05/12/2021 11:56 AM |          |
| 45165 | PyROS   | Story   | New    | Normal   | REQ-204 Architecture site, différents espaces selon les roles   |             | 05/12/2021 11:56 AM |          |
| 45164 | PyROS   | Story   | New    | Normal   | REQ-203 GUI multilingue (choix de la langue)  |             | 05/12/2021 11:55 AM |          |
| 45163 | PyROS   | Story   | New    | Normal   | REQ-013 PYROS-10 ordonnancement temps réel  |             | 07/01/2021 08:30 AM |          |
| 45162 | PyROS   | Story   | New    | Normal   | REQ-014 PYROS-10 priorité et quotas utilisateurs  |             | 07/01/2021 08:29 AM |          |
| 45161 | PyROS   | Story   | New    | Normal   | REQ-011 PYROS-10 ordonnanceur sur chaque télescope  |             | 07/01/2021 08:29 AM |          |
| 45160 | PyROS   | Story   | New    | Normal   | REQ-012 PYROS-10 limiter les temps morts entre requêtes   |             | 05/12/2021 10:47 AM |          |
| 45159 | PyROS   | Story   | New    | Normal   | REQ-003 Interface avec les données CNRS de manière authentifiée   |             | 05/12/2021 10:46 AM |          |
| 45158 | PyROS   | Story   | New    | Normal   | REQ-006 Notification de changement d'état d'une requête   |             | 05/12/2021 10:45 AM |          |
| 45157 | PyROS   | Story   | New    | Normal   | REQ-002 Déclenchement des jobs sur déclenchement au lieu de scrutation  |             | 05/12/2021 11:46 AM |          |
| 45156 | PyROS   | Story   | New    | Normal   | REQ-004 POC GTRS et websocket   |             | 05/12/2021 11:45 AM |          |
| 45155 | PyROS   | Story   | New    | Normal   | REQ-001 planification de tâches récurrentes   |             | 05/12/2021 10:44 AM |          |
| 45154 | PyROS   | Story   | New    | Normal   | REQ-070 SSI_010 Spécifications techniques SSI   |             | 03/16/2022 04:42 PM |          |
| 45153 | PyROS   | Story   | New    | Normal   | REQ-051 Sécurité des systèmes informatique (SSI)  |             | 03/16/2022 04:44 PM |          |

| #     | Project | Tracker | Status | Priority | Subject  | Assigned To | Updated             | Category |
|-------|---------|---------|--------|----------|--|-------------|---------------------|----------|
| 45152 | PyROS   | Story   | New    | Normal   | REQ-068 ACCEPT_010 Plan de validation et d'essai                                     |             | 05/12/2021 10:42 AM |          |
| 45151 | PyROS   | Story   | New    | Normal   | REQ-069 Plan de validation et d'essai  |             | 05/12/2021 10:42 AM |          |
| 45150 | PyROS   | Story   | New    | Normal   | REQ-066 QUALIF_030 Exigence  |             | 05/12/2021 10:41 AM |          |
| 45149 | PyROS   | Story   | New    | Normal   | REQ-067 Qualification des exigences  |             | 05/12/2021 10:41 AM |          |
| 45148 | PyROS   | Story   | New    | Normal   | REQ-063 Qualification opérationnelle   |             | 05/12/2021 10:40 AM |          |
| 45147 | PyROS   | Story   | New    | Normal   | REQ-059 Qualification technique  |             | 05/12/2021 10:40 AM |          |
| 45146 | PyROS   | Story   | New    | Normal   | REQ-064 Déploiement  |             | 05/12/2021 10:39 AM |          |
| 45145 | PyROS   | Story   | New    | Normal   | REQ-062 QUALIF_020 Qualification opérationnelle                                      |             | 05/12/2021 10:39 AM |          |
| 45144 | PyROS   | Story   | New    | Normal   | REQ-060 JUSTIF_010 Justification de la définition                                    |             | 05/12/2021 10:38 AM |          |
| 45143 | PyROS   | Story   | New    | Normal   | REQ-061 Justification de la définition   |             | 05/12/2021 10:37 AM |          |
| 45142 | PyROS   | Story   | New    | Normal   | REQ-058 QUALIF_010 Qualification technique   |             | 05/12/2021 10:37 AM |          |
| 45141 | PyROS   | Story   | New    | Normal   | REQ-056 INTERFACE_010 Interfaçage avec PyROS   |             | 05/12/2021 10:36 AM |          |
| 45140 | PyROS   | Story   | New    | Normal   | REQ-057 Interfaçage avec TAROT NC  |             | 05/12/2021 10:36 AM |          |
| 45139 | PyROS   | Story   | New    | Normal   | REQ-054 Documentation et Formation   |             | 05/12/2021 10:35 AM |          |
| 45138 | PyROS   | Story   | New    | Normal   | REQ-055 ERGO_040 Documentation   |             | 05/12/2021 10:35 AM |          |
| 45137 | PyROS   | Story   | New    | Normal   | REQ-053 ERGO_030 Formation   |             | 05/12/2021 10:35 AM |          |
| 45136 | PyROS   | Story   | New    | Normal   | REQ-052 ERGO_020 Operabilité   |             | 05/12/2021 10:34 AM |          |
| 45135 | PyROS   | Story   | New    | Normal   | REQ-050 SURETE_260 Système informatique (SSI)  |             | 03/16/2022 04:42 PM |          |
| 45134 | PyROS   | Story   | New    | Normal   | REQ-043 SURETE_180 Sécurité des personnes : lumière                                  |             | 05/12/2021 10:33 AM |          |
| 45133 | PyROS   | Story   | New    | Normal   | REQ-042 SURETE_170 Sécurité des personnes : système d'arrêt automatique              |             | 05/12/2021 10:33 AM |          |
| 45132 | PyROS   | Story   | New    | Normal   | REQ-031 SURETE_040 Automatisation du bâtiment  |             | 05/12/2021 10:32 AM |          |
| 45131 | PyROS   | Story   | New    | Normal   | REQ-049 SURETE_250 Transfert des données   |             | 03/16/2022 04:16 PM |          |
| 45130 | PyROS   | Story   | New    | Normal   | REQ-047 SURETE_240 Sauvegarde des données brutes                                     |             | 03/16/2022 04:42 PM |          |
| 45129 | PyROS   | Story   | New    | Normal   | REQ-046 SURETE_210 Arrêt du système en cas de condition météorologiques défavorables |             | 03/16/2022 04:42 PM |          |
| 45128 | PyROS   | Story   | New    | Normal   | REQ-045 SECURITE_200 Système d'alerte  |             | 03/16/2022 04:42 PM |          |
| 45127 | PyROS   | Story   | New    | Normal   | REQ-044 SURETE_190 Sécurité des personnes : système d'arrêt d'urgence                |             | 05/12/2021 10:30 AM |          |
| 45126 | PyROS   | Story   | New    | Normal   | REQ-048 sauvegarde des données brutes  |             | 03/16/2022 04:43 PM |          |
| 45125 | PyROS   | Story   | New    | Normal   | REQ-041 information sur les composants (ajout)                                       |             | 05/12/2021 10:29 AM |          |
| 45124 | PyROS   | Story   | New    | Normal   | REQ-038 focalisation, alignement, ...  |             | 05/12/2021 10:29 AM |          |
| 45123 | PyROS   | Story   | New    | Normal   | REQ-036 logiciel pour la maintenance à distance                                      |             | 05/12/2021 10:28 AM |          |
| 45122 | PyROS   | Story   | New    | Normal   | REQ-032 automatisation du bâtiment et du télescope                                   |             | 05/12/2021 10:27 AM |          |
| 45121 | PyROS   | Story   | New    | Normal   | REQ-009 requêtes de calibration  |             | 05/12/2021 10:54 AM |          |

| #     | Project | Tracker | Status      | Priority | Subject   | Assigned To       | Updated             | Category |
|-------|---------|---------|-------------|----------|---|-------------------|---------------------|----------|
| 45120 | PyROS   | Story   | New         | Normal   | REQ-017 Information sur les requêtes soumises par l'utilisateur               |                   | 05/12/2021 10:55 AM |          |
| 45119 | PyROS   | Story   | New         | Normal   | REQ-008 requêtes SST flexibles  |                   | 05/12/2021 10:54 AM |          |
| 45118 | PyROS   | Story   | New         | Normal   | REQ-016 informations sur les composants de l'observatoire                     |                   | 05/12/2021 10:55 AM |          |
| 45117 | PyROS   | Story   | New         | Normal   | REQ-019 Mise à disposition des images et mesures                              |                   | 05/12/2021 10:55 AM |          |
| 45116 | PyROS   | Story   | New         | Normal   | REQ-039 SURETE_160 Sauvegarde des pannes                                      |                   | 05/12/2021 10:56 AM |          |
| 45115 | PyROS   | Story   | New         | Normal   | REQ-035 SURETE_130 Maintenance à distance                                     |                   | 05/12/2021 10:56 AM |          |
| 45114 | PyROS   | Story   | New         | Normal   | REQ-021 FONC_020 Saut en déclinaison entre chaque image                       |                   | 05/12/2021 10:15 AM |          |
| 45113 | PyROS   | Story   | New         | Normal   | REQ-024 FONC_080 Directions et trajectoires accessibles                       |                   | 05/12/2021 10:11 AM |          |
| 45112 | PyROS   | Story   | New         | Normal   | REQ-023 FONC_030 Délai de reprogrammation                                     |                   | 05/12/2021 10:00 AM |          |
| 45103 | PyROS   | Story   | New         | Normal   | REQ-033 SURETE_050 Prise en compte de la météo                                |                   | 03/16/2022 04:42 PM |          |
| 45102 | PyROS   | Story   | New         | Normal   | REQ-029 Métadonnées des images  |                   | 05/11/2021 04:44 PM |          |
| 45101 | PyROS   | Story   | New         | Normal   | REQ-034 SURETE_080 Coupure électrique   |                   | 03/16/2022 04:42 PM |          |
| 45100 | PyROS   | Story   | New         | Normal   | REQ-026 Plage d'angles horaires et ligne d'horizon                            |                   | 05/11/2021 04:38 PM |          |
| 45099 | PyROS   | Story   | New         | Normal   | REQ-037 SURETE_140 Vérification du fonctionnement du télescope : calibration  |                   | 05/11/2021 04:35 PM |          |
| 45098 | PyROS   | Story   | New         | Normal   | REQ-030 SURETE_30 Répartition des nuits                                       |                   | 05/11/2021 04:27 PM |          |
| 45097 | PyROS   | Story   | New         | Normal   | REQ-028 FONC_180 Métadonnées pour les poursuites LEO (optionnelle)            |                   | 05/11/2021 04:45 PM |          |
| 45096 | PyROS   | Story   | New         | Normal   | REQ-027 FONC_170 Métadonnées  |                   | 05/11/2021 04:44 PM |          |
| 45095 | PyROS   | Story   | New         | Normal   | REQ-018 Cloisonnement des données   |                   | 05/11/2021 04:17 PM |          |
| 45051 | PyROS   | Task    | New         | Normal   | Implémenter le protocole Indi avec une classe DeviceControllerIndi            |                   | 05/06/2021 05:05 PM |          |
| 45050 | PyROS   | Task    | In progress | Normal   | Test caméra du TNC (FLI)  | Klotz Alain       | 07/16/2021 09:34 AM |          |
| 45049 | PyROS   | Task    | New         | Normal   | CAMERA FLI  |                   | 07/16/2021 09:34 AM |          |
| 45048 | PyROS   | Task    | New         | Normal   | HARDWARE DEVICES definition, test, config, management                         |                   | 10/08/2021 05:51 PM |          |
| 45047 | PyROS   | Task    | New         | Normal   | Piloter le telescope en mode manuel depuis le Dashboard                       | Pallier Etienne   | 12/14/2021 12:34 PM |          |
| 45046 | PyROS   | Task    | New         | Normal   | Manual mode   |                   | 12/14/2021 12:34 PM |          |
| 45044 | PyROS   | Task    | In progress | Normal   | CRUD des autres entités (Institutes, Time Periods, Scientific Theme)          | Koralewski Alexis | 10/11/2021 10:01 AM |          |
| 45043 | PyROS   | Task    | New         | High     | Démo IRAP (install classique ?) + retrouver ancienne utilisation de PlcConfig | Pallier Etienne   | 12/14/2021 12:00 PM |          |
| 45041 | PyROS   | Task    | New         | Normal   | Pouvoir télécharger zip ou faire clone depuis gitlab sans se connecter        | Pallier Etienne   | 05/06/2021 04:05 PM |          |
| 45040 | PyROS   | Task    | New         | High     | NEW Agent v2 basé sur new config yaml (base pour F09)                         | Pallier Etienne   | 01/29/2022 01:04 AM |          |
| 45037 | PyROS   | Task    | In progress | Normal   | Algo  | Klotz Alain       | 10/07/2022 01:37 PM |          |
| 45035 | PyROS   | Task    | New         | Normal   | Resilience (failure tolerance)  |                   | 05/06/2021 12:58 PM |          |
| 45034 | PyROS   | Task    | New         | Normal   | Resilience (failure tolerance)  |                   | 05/06/2021 12:58 PM |          |
| 45018 | PyROS   | Task    | New         | High     | Définir config pour TNC (4 channels Cam)                                      | Klotz Alain       | 10/12/2021 08:52 AM |          |

| #     | Project | Tracker | Status      | Priority | Subject  | Assigned To       | Updated             | Category |
|-------|---------|---------|-------------|----------|--|-------------------|---------------------|----------|
| 45017 | PyROS   | Task    | In progress | High     | Définir config pour GUITALENS (observatoire avec plusieurs UNIT)   | Klotz Alain       | 10/12/2021 08:52 AM |          |
| 45005 | PyROS   | Task    | In progress | Normal   | (R)EAD config  | Koralewski Alexis | 10/03/2022 02:59 PM |          |
| 45004 | PyROS   | Task    | New         | High     | MAIN CONFIG FILE - Décrire dans un fichier texte la configuration complète d'une UNIT (monture) et tous ses composants et instruments associés |                   | 10/07/2022 02:03 PM |          |
| 45003 | PyROS   | Task    | New         | Normal   | Config Read & View   | Koralewski Alexis | 08/09/2021 10:43 AM |          |
| 45000 | PyROS   | Task    | New         | High     | Generic commands grammar description & management  |                   | 05/06/2021 05:05 PM |          |
| 44999 | PyROS   | Task    | New         | Normal   | Execution  |                   | 12/14/2021 12:35 PM |          |
| 44998 | PyROS   | Task    | New         | Normal   | Monitoring : Check & log continuously instrument (or telescope) status   |                   | 12/14/2021 12:33 PM |          |
| 44997 | PyROS   | Task    | New         | Normal   | Start & Stop   |                   | 12/14/2021 12:33 PM |          |
| 44995 | PyROS   | Task    | New         | Normal   | (F09) TESTS to validate this feature   |                   | 10/08/2021 05:45 PM |          |
| 44994 | PyROS   | Task    | New         | Normal   | (F09) AUTHORIZATIONS for this feature (who can do what) : doc & implem.  |                   | 12/14/2021 12:15 PM |          |
| 44993 | PyROS   | Task    | New         | Normal   | (F09) ENTITIES definition & implementation   |                   | 12/14/2021 12:33 PM |          |
| 44992 | PyROS   | Task    | New         | Normal   | Switch modes between Automatic and Manual mode   |                   | 05/04/2021 12:31 PM |          |
| 44991 | PyROS   | Task    | New         | Normal   | Execution  |                   | 05/04/2021 12:30 PM |          |
| 44990 | PyROS   | Task    | New         | Normal   | Monitoring : Check & log continuously Telescope and instruments status, and make a general synthesis   |                   | 05/04/2021 12:30 PM |          |
| 44989 | PyROS   | Task    | New         | Normal   | Start & Stop   |                   | 05/04/2021 12:29 PM |          |
| 44988 | PyROS   | Task    | New         | Normal   | TESTS to validate this feature   |                   | 05/04/2021 12:26 PM |          |
| 44987 | PyROS   | Task    | New         | Normal   | (F08) AUTHORIZATIONS for this feature (who can do what) : documentation & implementation   |                   | 06/08/2021 08:20 AM |          |
| 44986 | PyROS   | Task    | New         | Normal   | ENTITIES (& properties) to be defined  |                   | 05/04/2021 12:25 PM |          |
| 44973 | PyROS   | Task    | New         | Normal   | 2 - Planning Sequences according to priorities, quotas, observing conditions, Seq parameters, Seq constraints                                  |                   | 10/07/2022 01:36 PM |          |
| 44972 | PyROS   | Task    | New         | Normal   | 0 - Planning triggers - each time the context is changed   |                   | 10/07/2022 01:41 PM |          |
| 44970 | PyROS   | Task    | New         | Normal   | (SF07) TESTS to validate this feature  |                   | 10/03/2022 03:08 PM |          |
| 44969 | PyROS   | Task    | New         | Normal   | (SF07) AUTHORIZATIONS for this feature (who can do what) : documentation & implementation  |                   | 10/03/2022 03:08 PM |          |
| 44968 | PyROS   | Task    | New         | Normal   | (SF07) ENTITIES (& properties) to be defined   |                   | 10/03/2022 03:08 PM |          |
| 44947 | PyROS   | Task    | In progress | Normal   | Sequence   | Koralewski Alexis | 02/03/2022 09:35 AM |          |
| 44945 | PyROS   | Task    | New         | Normal   | (READ 1) Sequence detailed view  |                   | 02/03/2022 09:45 AM |          |
| 44940 | PyROS   | Task    | In progress | Normal   | UPDATE a Sequence  | Koralewski Alexis | 02/22/2022 02:59 PM |          |

| #     | Project | Tracker | Status | Priority | Subject  | Assigned To       | Updated             | Category |
|-------|---------|---------|--------|----------|--|-------------------|---------------------|----------|
| 44939 | PyROS   | Task    | New    | Normal   | SUBMIT a Seq to planning (status => "submitted")   | Koralewski Alexis | 02/03/2022 10:23 AM |          |
| 44932 | PyROS   | Task    | New    | Normal   | CREATE a Sequence (must be attached to a valid SP)   |                   | 02/23/2022 12:02 PM |          |
| 44930 | PyROS   | Task    | New    | Normal   | (F05) TESTS & REQUIREMENTS to validate this feature  | Koralewski Alexis | 02/22/2022 03:01 PM |          |
| 44928 | PyROS   | Task    | New    | Normal   | (F05) ENTITIES definition (doc spec) & implementation (DB)   | Koralewski Alexis | 02/03/2022 10:13 AM |          |
| 44924 | PyROS   | Task    | New    | Normal   | (F04) ENTITIES - definition & implementation   |                   | 12/15/2021 07:36 AM |          |
| 44923 | PyROS   | Task    | New    | Normal   | (F04) TESTS to validate this feature   |                   | 12/15/2021 07:36 AM |          |
| 44922 | PyROS   | Task    | New    | Normal   | (F04) AUTHORIZATIONS for this feature (who can do what) : documentation & implementation   |                   | 12/15/2021 07:37 AM |          |
| 44921 | PyROS   | Task    | New    | Normal   | Démarrage de la production des fichiers de calibration (fin de nuit)   |                   | 04/30/2021 12:43 PM |          |
| 44920 | PyROS   | Task    | New    | Normal   | Démarrage ou fin des observations (début/fin de nuit)  |                   | 06/29/2022 07:38 AM |          |
| 44919 | PyROS   | Task    | New    | Normal   | Sauvegarder (logger) les différents changements d'état   |                   | 06/28/2022 09:58 PM |          |
| 44918 | PyROS   | Task    | New    | Normal   | Optimiser : Agir sur le système en fonction des conditions d'observation pour n'observer que quand la qualité du ciel est suffisante |                   | 06/28/2022 09:58 PM |          |
| 44917 | PyROS   | Task    | New    | Normal   | Sécuriser : Agir sur le système en fonction de l'environnement (externe/interne) pour la sécurité de l'Observatoire et des personnes |                   | 06/29/2022 07:39 AM |          |
| 44916 | PyROS   | Task    | New    | Normal   | Rythmer : Agir sur le système pour lui donner un rythme en fonction du temps (nuit/jour)   |                   | 06/29/2022 07:38 AM |          |
| 44915 | PyROS   | Task    | New    | Normal   | Changer le mode du système : passer en mode manuel (maintenance) ou automatique  |                   | 06/28/2022 09:57 PM |          |
| 44914 | PyROS   | Task    | New    | Normal   | (re-)Démarrer, mettre en Pause, ou Stopper tout ou partie du système   |                   | 06/28/2022 09:56 PM |          |
| 44907 | PyROS   | Task    | New    | Normal   | Show Weather & Observatory monitored data (in a convenient way)  |                   | 10/03/2022 02:20 PM |          |
| 44906 | PyROS   | Task    | New    | Normal   | Compute and save Observing conditions  |                   | 10/03/2022 02:21 PM |          |
| 44904 | PyROS   | Task    | New    | Normal   | Compute, save, and provide higher level (useful) parameters and synthesis from multiple detectors                                    |                   | 12/15/2021 07:34 AM |          |
| 44903 | PyROS   | Task    | New    | Normal   | Save raw data  |                   | 12/15/2021 07:34 AM |          |
| 44902 | PyROS   | Task    | New    | Normal   | Fix raw data   |                   | 12/15/2021 07:33 AM |          |
| 44901 | PyROS   | Task    | New    | Normal   | Get PLC mode changes (off/manu/auto) and alarms (intrusion, e_stop), and save them   |                   | 12/15/2021 07:33 AM |          |
| 44900 | PyROS   | Task    | New    | Normal   | Read (from PLC and sensors) INSIDE environmental data (doors, lights...) for human safety  |                   | 10/03/2022 01:07 PM |          |
| 44899 | PyROS   | Task    | New    | Normal   | Read (from PLC and sensors) OUTSIDE environmental data (weather...) for instruments security   |                   | 10/03/2022 01:05 PM |          |
| 44898 | PyROS   | Task    | New    | Normal   | (F03) ENTITIES (& properties) to be defined  |                   | 12/15/2021 07:32 AM |          |
| 44897 | PyROS   | Task    | New    | Normal   | On peut voir la fiche détaillée d'un SP  |                   | 06/16/2021 11:29 AM |          |



| #     | Project | Tracker | Status      | Priority | Subject   | Assigned To       | Updated             | Category |
|-------|---------|---------|-------------|----------|---|-------------------|---------------------|----------|
| 44896 | PyROS   | Task    | New         | Normal   | On peut consulter la liste des SP   |                   | 06/18/2021 03:17 PM |          |
| 44894 | PyROS   | Task    | New         | Normal   | Un Observer peut créer un nouveau Proposal (SP) pour une Période spécifique future  |                   | 06/16/2021 11:28 AM |          |
| 44892 | PyROS   | Task    | New         | Normal   | SPs view (list & 1)   |                   | 09/26/2022 09:23 AM |          |
| 44891 | PyROS   | Task    | New         | Normal   | Create/Update   |                   | 09/14/2021 11:48 AM |          |
| 44890 | PyROS   | Task    | New         | Normal   | SP CRUD   |                   | 09/26/2022 09:23 AM |          |
| 44889 | PyROS   | Task    | In progress | Normal   | SP validation WORKFLOW (lifecycle) (F02v2)  | Koralewski Alexis | 11/03/2021 09:19 AM |          |
| 44886 | PyROS   | Task    | New         | Normal   | (F01) ENTITIES - definition & implementation  |                   | 10/12/2021 07:50 AM |          |
| 44884 | PyROS   | Task    | In progress | Normal   | Time Period (Period)  |                   | 10/11/2021 10:36 AM |          |
| 44882 | PyROS   | Task    | In progress | Normal   | SP  | Koralewski Alexis | 10/11/2021 10:34 AM |          |
| 44881 | PyROS   | Task    | New         | Normal   | (F02) ENTITIES - definition & implementation  | Koralewski Alexis | 10/11/2021 10:34 AM |          |
| 44880 | PyROS   | Task    | New         | Normal   | (F03) TESTS to validate this feature  |                   | 12/15/2021 07:32 AM |          |
| 44879 | PyROS   | Task    | New         | Normal   | (F03) AUTHORIZATIONS for this feature (who can do what) : documentation & implementation  |                   | 12/15/2021 07:32 AM |          |
| 44878 | PyROS   | Task    | New         | Normal   | (F02) TESTS to validate this feature  |                   | 11/03/2021 09:16 AM |          |
| 44877 | PyROS   | Task    | In progress | Normal   | (F02) AUTHORIZATIONS for this feature (who can do what) : documentation & implementation  | Koralewski Alexis | 10/11/2021 10:24 AM |          |
| 44876 | PyROS   | Task    | In progress | Normal   | (F01) AUTHORIZATIONS for this feature (who can do what) : documentation & implementation  | Koralewski Alexis | 10/08/2021 06:03 PM |          |
| 44867 | PyROS   | Task    | New         | High     | Mettre les TASKS dans la version v0.1 prévue pour juin, dans doc-specs et dans redmine (puis planifier aussi les autres versions futures) | Pallier Etienne   | 05/06/2021 06:19 PM |          |
| 44866 | PyROS   | Task    | In progress | High     | Associer chaque FEATURE à 1(N) CLASSE/AGENT pyros (implémentation)  | Pallier Etienne   | 07/16/2021 09:13 AM |          |
| 44847 | PyROS   | Task    | New         | Normal   | (F01) TESTS (users) validant cette feature  | Koralewski Alexis | 08/13/2021 01:55 PM |          |
| 44843 | PyROS   | Task    | New         | Normal   | ROLES : Un utilisateur peut avoir plusieurs roles   |                   | 06/18/2021 03:15 PM |          |
| 44842 | PyROS   | Task    | New         | Normal   | USER  |                   | 10/12/2021 07:50 AM |          |
| 44835 | PyROS   | Task    | New         | Normal   | (F01) CRUD (utilisateur)  |                   | 03/29/2022 09:14 AM |          |
| 44833 | PyROS   | Task    | New         | Normal   | Registration : un nouvel utilisateur doit pouvoir s'enregistrer directement sur le site web (soumis à validation)                         | Koralewski Alexis | 08/31/2021 02:16 PM |          |
| 44832 | PyROS   | Task    | In progress | Normal   | Un utilisateur non connecté ne doit voir que les pages publiques  |                   | 10/08/2021 06:03 PM |          |
| 44817 | PyROS   | Story   | New         | Normal   | REQ-202 Deux types de connexion utilisateurs (LDAP ou sans)   |                   | 05/11/2021 03:43 PM |          |
| 44816 | PyROS   | Story   | New         | Normal   | REQ-201 Définir une esthétique Tarot  |                   | 05/12/2021 11:53 AM |          |
| 44815 | PyROS   | Story   | New         | Normal   | REQ-015 Ajustement dynamique des quotas utilisateurs  |                   | 05/11/2021 04:11 PM |          |

| #     | Project | Tracker | Status | Priority | Subject   | Assigned To | Updated             | Category |
|-------|---------|---------|--------|----------|---|-------------|---------------------|----------|
| 44814 | PyROS   | Story   | New    | Normal   | REQ-101 Logs  |             | 03/16/2022 04:38 PM |          |
| 44813 | PyROS   | Story   | New    | Normal   | REQ-123 Architecture extensible et Extensions privatisables |             | 05/12/2021 12:21 PM |          |
| 44812 | PyROS   | Story   | New    | Normal   | *** REQ-200 FOR TAROT NETWORK INTEGRATION                   |             | 06/14/2021 01:13 PM |          |
| 44811 | PyROS   | Story   | New    | Normal   | *** REQ-100 FROM CCTP TAROT-NC & MEETINGS                   |             | 03/16/2022 04:38 PM |          |

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