

## 📍 ROC SW Delivered Documentation Status

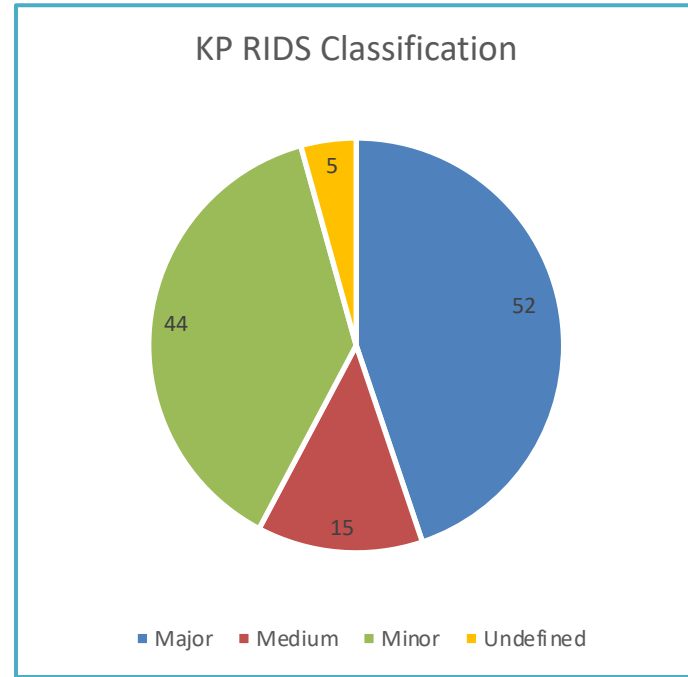
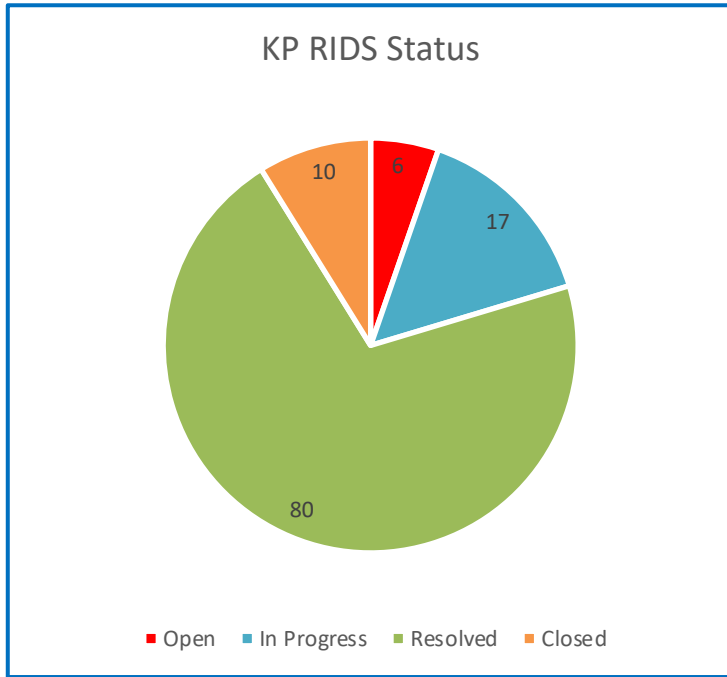
Document	Last Issue	Status	Notes
ROC Concept and Implementation Requirements Document (ROC-GEN-SYS-PLN-00002-LES)	02/01	Finalized	
ROC Software System Specification (ROC-GEN-SYS-SPC-00026-LES)	01/03	Finalized	
ROC_User_Requirements (ROC-GEN-SYS-URD-00064-LES)	01/01	Finalized	
ROC Software System Design Document (ROC-PRO-PIP-SPC-00036-LES)	01/01	To be updated	The document should be updated according to the evolution of the design.
ROC Software System Validation Plan (ROC-GEN-SYS-PLN-00040-LES)	02/02	To be updated	Waiting for Reference Document from interface ESA, and for MUSIC and Pipelines test plans. To be updated (drawings) : Jenkins tool not used anymore. Few TBC/TBD/TBW present.
RPW Data Validation and Verification Plan (ROC-GEN-SCI-PLN-00077-LES)	01/00	Finalized	Few TBC present.
RSS4VC_Test_Plan (ROC-TST-VAL-PLN-00108-LES)	01/01	To be completed	Test cards to be written
RSS4VC_Test_Report (ROC-TST-VAL-PLN-00111-LES)	01/02	Finalized	Parts of tables not readable
ROC_MUSIC_Software_Configuration_File (ROC-GEN-QAP-CDL-00115-LES)	01/00	To be completed	Chapters on anomalies, implementation, documentation not written
ROC_RGTS_Software_Configuration_File (ROC-GEN-QAP-CDL-00114-LES)	01/00		
ROC_RODP_Software_Configuration_File (ROC-GEN-QAP-CDL-00113-LES)	01/00		
SW Product Assurance Plan (ROC-GEN-MGT-QAD-00033-LES)	01/03	Finalized	
SW Product Assurance Milestone Report (ROC-GEN-QAP-NTT-00051-LES)	02/00	To be updated	List of issues, links to RD
ROC_Software_Source Code Analysis (ROC-GEN-QAP-NTT-00112-LES)	01/00	To be completed	Correction Status on coding rules errors to be written.
Traceability Matrix between CIRD/RSSS/URD and Test Plan and Test Report (ROC-GEN-SYS-CVM-00049-LES)	02/00	To be completed	Requirements not verified to be justified
ROC User Manual		To be written	Information exist but to be gathered.

## 🎯 ROC SW Documentation and test coverage metrics

Document Name	Covered by	Requirement Number	Requirement Covered	Requirement Uncovered	Coverage Ratio
EIDA	CIRD	31 (found applicable to ROC)	25	6	80.65%
CIRD	RSSS/URD	92	57	35	61,96%
RSSS	TestPlan	75	44	31	58,67%
URD	TestPlan	95	54	41	56,84%

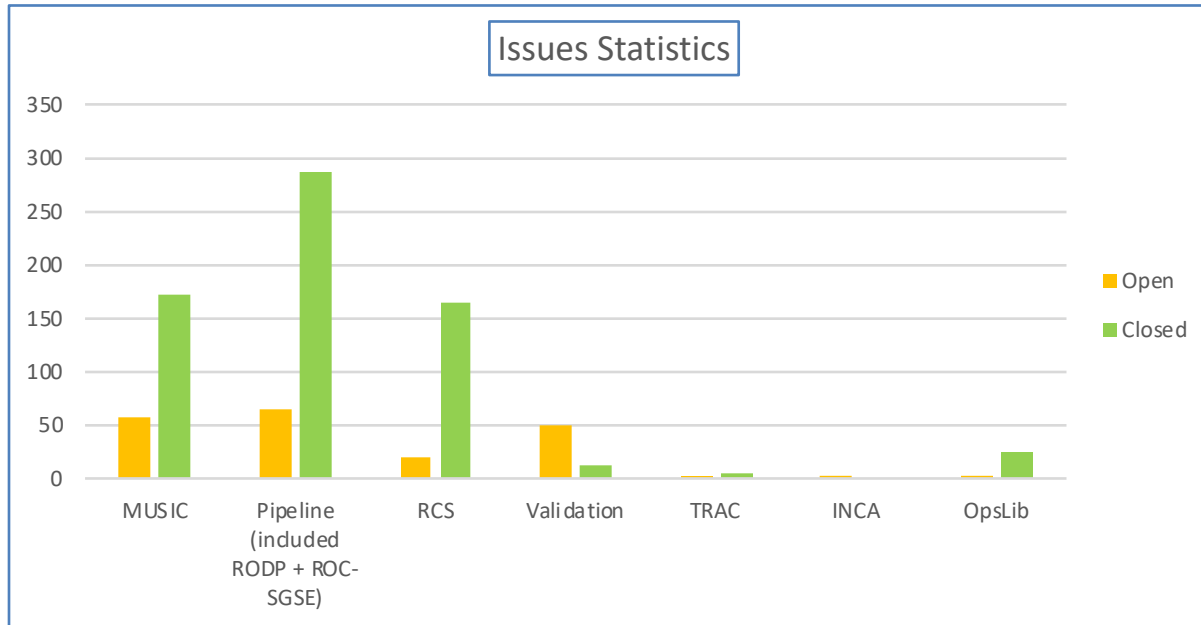
Metric name	Target / Criteria	Results	Comment
Requirement allocation (CIRD to RSSS/URD)	100 %	<b>62%</b>	<b>Justification for not covered requirements (management, document, ...) to be added in Traceability Matrix.</b>
Requirement Validation & Verification coverage	100%	<b>53.3% CIRD</b> <b>57.6% RSSS+URD</b>	<b>Verification for requirements not covered by test to be added in Traceability Matrix.</b>
Requirement testability	>= 80%	<b>91.8%</b>	<i>Requirements from RSSS and URD to be verify by TEST</i>
Structural code coverage : Source code statement coverage	>= 80%	<b>MUSIC 0.2.0 : TBW</b> <b>ROC-SGSE 3.4.4 : TBW</b> <b>RODP 0.3.2 : TBW</b>	<i>Results only for .py files</i>

## 🎯 ROC SW RIDS Status



➤ **RIDS « Open/In progress » to be updated and meeting for closure to be scheduled**

## 🎯 ROC SW Issues and NCR Status



Component	Number NCR (Bug / Anomaly)
AdminTool	1
docker-rcs	1
ROC/MUSIC/MUSIC_GUI	6
ROC/Pipelines/Plugins/DINGO	2
ROC/Pipelines/Plugins/RAP	1
ROC/Pipelines/Plugins/RPL	3
ROC/Pipelines/ROC-SGSE	4
ROC/Pipelines/RODP	5
ROC/RCS/BICAS	5
ROC/RCS/LFR_CALBUT	5
TRAC	1
OpsLib	2
<b>Total</b>	<b>36</b>

- **Issues to be detailed by category (specification, bug, feature, improvement, etc.)  
=> consistency check of all open issues labels to be scheduled.**