# Requirements to SIRD Matrix

## Document Details

| Author | Version | Date | Comment |
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| Seb Oliver | V1.1 | 3rd May 2002 | Reformatting |
| | V1.0 | 29th June 2001 | |

## Introduction

This document presents a list of links between requirements specified in the SIRD and requirements listed in the set of SPIRE ICC URDs. The main purpose of this document is to ensure that every requirement in the SIRD is included within the set of URDs. I.e. that an ICC implementation that satisfies all the URDs will automatically satisfy the SIRD. With the current version of this document links are identified where there is some connection between the requirements, in some cases these links are there because it is expected that in order to satisfy the URD the SIRD requirement must also be met. Such links are not the primary motivation of this document and a further refinement will need to made to distinguish these links from links where satisfaction of the UR will wholly or in part meet the SIR, it will also be worth indicating how completely the UR "covers" the SIR. It is also intended to make this document into an access database.

| SIRD Document Reference | Requirement Number | Title | Comments |
|---|---|---|---|
| **SIRD-ICCF-175** | **UR-AIV-100** | **Commanding Capabilities** | **This UR places requirements on the HCSS which is reflected in this link** |
| **SIRD-ICCF-176** | **UR-AIV-100** | **Commanding Capabilities** | **This UR places requirements on the HCSS which is reflected in this link** |
| **SIRD-ICCF-177** | **UR-AIV-100** | **Commanding Capabilities** | **This UR places requirements on the HCSS which is reflected in this link** |
| **SIRD-PERF-059** | **UR-AIV-100** | **Commanding Capabilities** | |
| **SIRD-PERF-059b** | **UR-AIV-100** | **Commanding Capabilities** | |
| **SIRD-ICCF-175** | UR-AIV-110 | Command Sequences | |
| **SIRD-ICCF-176** | UR-AIV-110 | Command Sequences | |
| **SIRD-ICCF-177** | UR-AIV-110 | Command Sequences | |
| **SIRD-PERF-059** | UR-AIV-110 | Command Sequences | |
| **SIRD-PERF-059b** | UR-AIV-110 | Command Sequences | |
| **SIRD-ICCF-175** | UR-AIV-120 | Command Sequence Scripts | |
| **SIRD-ICCF-176** | UR-AIV-120 | Command Sequence Scripts | |
| **SIRD-ICCF-177** | UR-AIV-120 | Command Sequence Scripts | |
| **SIRD-PERF-059** | UR-AIV-120 | Command Sequence Scripts | |
| **SIRD-PERF-059b** | UR-AIV-120 | Command Sequence Scripts | |
| **SIRD-ICCF-175** | UR-AIV-130 | Observations | |
| **SIRD-ICCF-176** | UR-AIV-130 | Command Sequence Scripts | |
| **SIRD-ICCF-177** | UR-AIV-130 | Command Sequence Scripts | |
| **SIRD-PERF-059** | UR-AIV-130 | Command Sequence Scripts | |
| **SIRD-PERF-059b** | UR-AIV-130 | Command Sequence Scripts | |
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| **SIRD-ICCO-120** | UR-AIV-140 | OBS Maintenance | |
| **SIRD-ICCF-175** | **UR-AIV-200** | **Storage Capabilities** | |
| **SIRD-ICCF-176** | **UR-AIV-200** | **Storage Capabilities** | |
| **SIRD-ICCF-177** | **UR-AIV-200** | **Storage Capabilities** | |
| **SIRD-PERF-059** | **UR-AIV-200** | **Storage Capabilities** | |
| **SIRD-PERF-059b** | **UR-AIV-200** | **Storage Capabilities** | |
| **SIRD-ICCF-175** | UR-AIV-210 | Data storage | |
| **SIRD-ICCF-176** | UR-AIV-210 | Data storage | |
| **SIRD-ICCF-177** | UR-AIV-210 | Data storage | |
| **SIRD-PERF-059** | UR-AIV-210 | Data storage | |
| **SIRD-PERF-059b** | UR-AIV-210 | Data storage | |
| **SIRD-ICCF-175** | UR-AIV-220 | Test Input Data Storage | |
| **SIRD-ICCF-176** | UR-AIV-220 | Test Input Data Storage | |
| **SIRD-ICCF-177** | UR-AIV-220 | Test Input Data Storage | |
| **SIRD-PERF-059** | UR-AIV-220 | Test Input Data Storage | |

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| **SIRD-PERF-059b** | UR-AIV-220 | Test Input Data Storage | |
| **SIRD-ICCF-175** | UR-AIV-230 | Telemetry Data Storage | |
| **SIRD-ICCF-176** | UR-AIV-230 | Telemetry Data Storage | |
| **SIRD-ICCF-177** | UR-AIV-230 | Telemetry Data Storage | |
| **SIRD-PERF-059** | UR-AIV-230 | Telemetry Data Storage | |
| **SIRD-PERF-059b** | UR-AIV-230 | Telemetry Data Storage | |
| | **UR-AIV-300** | **Analysis Capabilities** | |
| | UR-AIV-310 | Data Analysis | |
| | UR-AIV-320 | Real-Time processing | |
| | UR-AIV-330 | Real-Time Display | |
| | **UR-AIV-400** | **Constraints** | |
| | UR-AIV-410 | Test Environment | |
| | UR-AIV-420 | Network Isolation | |
| | UR-AIV-430 | Development tools | |
| | UR-AIV-440 | Hardware | |
| | **UR-AIV-500** | **Maintenance** | |
| **SIRD-ICCF-175** | UR-AIV-510 | Test Data and Scripts | |
| **SIRD-ICCF-176** | UR-AIV-510 | Test Data and Scripts | |
| **SIRD-ICCF-177** | UR-AIV-510 | Test Data and Scripts | |
| **SIRD-ICCF-150** | UR-AIV-510 | Test Data and Scripts | |
| | UR-AIV-520 | Software | |
| | UR-CAL-001 | Ultimate Goal | |
| | **UR-CAL-100** | **Calibration Files** | |
| **SIRD-ICCF-140** | UR-CAL-110 | Defining Calibration Files | |
| **SIRD-ICCF-140** | UR-CAL-120 | Defining Calibration Procedures | |
| **SIRD-ICCF-140** | UR-CAL-130 | Maintaining Calibration files | |
| **SIRD-ICCO-075** | UR-CAL-130 | Maintaining Calibration files | |
| **SIRD-ICCA-025** | UR-CAL-130 | Maintaining Calibration files | |
| **SIRD-ICCF-140** | UR-CAL-140 | Improving calibration files | |
| **SIRD-ICCO-075** | UR-CAL-140 | Improving calibration files | |
| **SIRD-ICCA-025** | UR-CAL-140 | Improving calibration files | |
| | **UR-CAL-200** | **Calibration observations & Analysis Pre-Launch** | |
| **SIRD-ICCF-135** | UR-CAL-210 | Calibration plan | |
| **SIRD-ICCF-145** | **SIRD-ICCF-145** | **SIRD-ICCF-145** | |
| **SIRD-ICCF-145** | UR-CAL-220 | Ground based Laboratory measurements | |
| **SIRD-ICCF-145** | UR-CAL-230 | Ground based preparatory observations | |
| **SIRD-ICCA-045** | UR-CAL-240 | Space based preparatory observations | |
| **SIRD-ICCF-145** | UR-CAL-250 | Calibration Analysis | |
| | **UR-CAL-300** | **Calibration observations & Analysis Post-Launch** | |
| **SIRD-ICCO-042** | UR-CAL-310 | Calibration plan | |
| **SIRD-ICCO-050** | UR-CAL-310 | Calibration plan | |
| **SIRD-ICCO-042** | UR-CAL-320 | SPIRE calibration observations | |
| **SIRD-ICCO-050** | UR-CAL-320 | SPIRE calibration observations | |
| **SIRD-ICCF-145?** | UR-CAL-330 | Calibration Analysis | |
| **SIRD-ICCO-042?** | UR-CAL-330 | Calibration Analysis | |
| **SIRD-ICCF-145?** | UR-CAL-340 | Scientific Assessment of Calibration | |

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| **SIRD-ICCO-042?** | UR-CAL-340 | Scientific Assessment of Calibration | |
| **SIRD-ICCO-050** | UR-CAL-340 | Scientific Assessment of Calibration | |
| **SIRD-ICCO-050** | UR-CAL-350 | Repeat Observations (RD-4 211) | |
| **SIRD-ICCO-050** | UR-CAL-360 | Observation Timescales (RD-4 212) | |
| **SIRD-ICCO-050** | UR-CAL-370 | Observation Day (RD-4 213) | |
| **SIRD-ICCO-050** | UR-CAL-380 | Failed Observations (RD-4 214) | |
| **SIRD-ICCO-050** | UR-CAL-390 | Rejected Observations (RD-4 215) | |
| **SIRD-ICCO-050** | UR-CAL-400 | Removed Observations (RD-4 215) | |
| | **UR-PHT-100** | **Instrument Modes** | |
| **SIRD-ICCF-055** | UR-PHT-110 | Definition of instrument modes | |
| **SIRD-ICCO-060** | UR-PHT-115 | Support specific models | |
| **SIRD-ICCA-040** | UR-PHT-120 | Process specific modes | |
| **SIRD-ICCF-070** | UR-PHT-130 | Define AOTs | |
| | **UR-PHT-200** | **Development** | |
| **SIRD-ICCF-130** | UR-PHT-210 | Design | |
| **SIRD-ICCF-130** | UR-PHT-220 | Implementation | |
| **SIRD-ICCF-130** | UR-PHT-230 | Test | |
| **SIRD-ICCF-130** | UR-PHT-240 | Validation | |
| **SIRD-ICCO-065** | UR-PHT-240 | Validation | |
| **SIRD-ICCA-035** | UR-PHT-240 | Validation | |
| **SIRD-ICCA-030** | UR-PHT-250 | Improvement | |
| **SIRD-ICCA-015** | UR-PHT-260 | Archive Tools | |
| | **UR-PHT-300** | **Interactive Analysis: General** | |
| | UR-PHT-310 | Platforms | |
| **SIRD-ICCF-130** | UR-PHT-320 | Modularity | |
| **SIRD-ICCF-130** | UR-PHT-330 | IA consists of different generic types of modules | |
| **SIRD-ICCF-130** | UR-PHT-340 | Interfaces | |
| **SIRD-ICCF-130** | UR-PHT-350 | Data format | |
| | UR-PHT-360 | Interfaces to other software | |
| **SIRD-ICCF-130** | UR-PHT-370 | User Help | |
| | UR-PHT-380 | Source code | |
| | UR-PHT-390 | History | |
| | **UR-PHT-400** | **Data Products** | |
| **SIRD-ICCF-130** | UR-PHT-410 | POF1: Chop Without Jiggling | |
| **SIRD-ICCF-130** | UR-PHT-420 | POF2: Seven-Point Jiggle Map | |
| **SIRD-ICCF-130** | UR-PHT-430 | POF3: N-Point Jiggle Map | |
| **SIRD-ICCF-130** | UR-PHT-440 | POF4: Raster Map | |
| **SIRD-ICCF-130** | UR-PHT-450 | POF5: Scan Map Without Chopping | |
| **SIRD-ICCF-130** | UR-PHT-460 | POF6: Scan Map With Chopping | |
| **SIRD-ICCF-130** | UR-PHT-470 | POF7: Photometer Peak-Up (TBD) | |
| **SIRD-ICCF-130** | UR-PHT-480 | POF8: Operate photometer internal calibrator | |
| **SIRD-ICCF-130** | UR-PHT-490 | POF9: Special engineering modes (TBD) | |
| | **UR-PHT-500** | **Interactive Analysis: Processing of Observing Modes** | |
| **SIRD-ICCF-130** | UR-PHT-510 | General | |
| **SIRD-ICCF-130** | UR-PHT-520 | POF1: Chop Without Jiggling | |
| **SIRD-ICCF-130** | UR-PHT-530 | POF2: Seven-Point Jiggle Map | |
| **SIRD-ICCF-130** | UR-PHT-540 | POF3: N-Point Jiggle Map | |

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| **SIRD-ICCF-130** | UR-PHT-550 | POF4: Raster Map | |
| **SIRD-ICCF-130** | UR-PHT-560 | POF5: Scan Map Without Chopping | |
| **SIRD-ICCF-130** | UR-PHT-570 | POF6: Scan Map With Chopping | |
| **SIRD-ICCF-130** | UR-PHT-580 | POF7: Photometer Peak-Up (TBD) | |
| **SIRD-ICCF-130** | UR-PHT-600 | POF9: Special engineering modes (TBD) | |
| | **UR-FTS-100** | **Instrument Modes** | |
| **SIRD-ICCF-055** | UR-FTS-110 | Definition of instrument modes | |
| **SIRD-ICCO-060** | UR-FTS-115 | Support specific models | |
| **SIRD-ICCA-040** | UR-FTS-120 | Process specific modes | |
| **SIRD-ICCF-070** | UR-FTS-130 | Define AOTs | |
| | **UR-FTS-200** | **Development** | |
| **SIRD-ICCF-130** | UR-FTS-210 | Design | |
| **SIRD-ICCF-130** | UR-FTS-220 | Implementation | |
| **SIRD-ICCF-130** | UR-FTS-230 | Test | |
| **SIRD-ICCF-130** | UR-FTS-240 | Validation | |
| **SIRD-ICCO-065** | UR-FTS-240 | Validation | |
| **SIRD-ICCA-035** | UR-FTS-240 | Validation | |
| **SIRD-ICCA-030** | UR-FTS-250 | Improvement | |
| **SIRD-ICCA-015** | UR-FTS-260 | Archive Tools | |
| | **UR-FTS-300** | **Interactive Analysis: General** | |
| | UR-FTS-310 | Platforms | |
| **SIRD-ICCF-130** | UR-FTS-320 | Modularity | |
| **SIRD-ICCF-130** | UR-FTS-330 | IA consists of different generic types of modules | |
| **SIRD-ICCF-130** | UR-FTS-340 | Interfaces | |
| **SIRD-ICCF-130** | UR-FTS-350 | Data formats | |
| | UR-FTS-360 | Interfaces to other software | |
| **SIRD-ICCF-130** | UR-FTS-370 | User Help | |
| | UR-FTS-380 | Source code | |
| | UR-FTS-390 | History | |
| **SIRD-ICCF-130** | **UR-FTS-400** | **Data Products** | |
| | **UR-FTS-500** | **Interactive Analysis: Processing of Observing Modes** | |
| **SIRD-ICCF-130** | UR-FTS-510 | General | |
| **SIRD-ICCF-130** | UR-FTS-560 | Engineering Modes | |
| | UR-RIO-100 | | |
| | UR-IE-100 | Modeling | |
| | UR-IE-200 | Data Acquisition | |
| | UR-IE-210 | Command Sequences | |
| | UR-IE-220 | Preparation tool | |
| | UR-IE-230 | Scheduling | |
| | UR-IE-240 | Status Information | |
| | UR-IE-300 | Data Reduction | |
| | UR-IE-310 | Analysis | |
| | UR-IE-320 | Data storage | |
| | **UR-ICC-100** | **SPIRE Software** | |
| | UR-ICC-110 | Common environment | |
| **SIRD-ICCF-185** | UR-ICC-120 | CVS | |
| | UR-ICC-130 | Sandbox environment | |
| | UR-ICC-140 | Information local to ICC | |

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| | UR-ICC-150 | Common system environment | |
| | **UR-ICC-200** | **Documentation** | |
| | UR-ICC-210 | Document format | |
| | UR-ICC-220 | Document templates | |
| **SIRD-ICCF-115** | UR-ICC-230 | Document Standards | |
| **SIRD-ICCF-190** | UR-ICC-230 | Document Standards | |
| **SIRD-ICCO-085** | UR-ICC-230 | Document Standards | |
| | **UR-ICC-300** | **HCSS and local computing system** | |
| | UR-ICC-310 | Local HCSS nodes | |
| **SIRD-ICCF-176** | UR-ICC-320 | Local HCSS support | |
| | UR-ICC-330 | Local accounts | |
| | UR-ICC-340 | Remote connection for ICC actors | |
| | UR-ICC-350 | Security | |
| | **UR-ICC-400** | **Communication** | |
| | UR-ICC-410 | Contact info for SPIRE members | |
| | UR-ICC-420 | Staff on call | |
| | UR-ICC-430 | Video link and common desktop | |
| | UR-ICC-440 | Staff availability schedule | |
| | **UR-ICC-500** | **Management** | |
| **SIRD-ICCF-005** | UR-ICC-510 | Management | |
| **SIRD-ICCF-010** | UR-ICC-510 | Management | |
| **SIRD-ICCF-015** | UR-ICC-510 | Management | |
| **SIRD-ICCF-020** | UR-ICC-510 | Management | |
| **SIRD-ICCF-025** | UR-ICC-510 | Management | |
| **SIRD-ICCF-030** | UR-ICC-510 | Management | |
| **SIRD-ICCF-035** | UR-ICC-510 | Management | |
| **SIRD-ICCF-040** | UR-ICC-510 | Management | |
| **SIRD-ICCF-045** | UR-ICC-510 | Management | |
| **SIRD-ICCF-005** | UR-ICC-510 | Management | |
| **SIRD-ICCO-080** | UR-ICC-510 | Management | |
| | **UR-HSC-100** | **Common Uplink System/Mission Planning** | |
| | UR-HSC-110 | Repetitive observations | |
| | UR-HSC-120 | Time-scale for observation planning | |
| | UR-HSC-130 | Mixing calibration and science on OD | |
| | UR-HSC-140 | Re-requesting failed observations | |
| | UR-HSC-150 | Modifying observations | |
| | UR-HSC-160 | Observation rejection by MP | |
| | UR-HSC-170 | Replacement of schedule by PS | |
| | **UR-HSC-200** | **IA/QCP** | |
| | UR-HSC-210 | Java | |
| **SIRD-ICCF-180** | UR-HSC-220 | Coding standards | |
| **SIRD-ICCF-130** | UR-HSC-230 | Provide quality check tools | |
| | UR-HSC-240 | Provide interactive analysis | |
| | UR-HSC-250 | Scope of quality check tools | |
| **SIRD-ICCO-075** | UR-HSC-260 | Review Instrument parameters after QCP | |
| **SIRD-ICCO-075** | UR-HSC-270 | Calibration reports | |
| **SIRD-ICCO-075** | UR-HSC-280 | Provide/Update calibration plan | |
| | **UR-HSC-300** | **HCSS Database** | |
| | UR-HSC-310 | Support HCSS at ICC | |

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| **SIRD-ICCF-175** | UR-HSC-320 | Support HCSS development | |
| **SIRD-ICCF-177** | UR-ICC-510 | Management | |
| | **UR-HSC-400** | **HCSS Maintenance/Configuration Control System** | |
| | UR-HSC-410 | Updating the OBS | |
| | UR-HSC-420 | Using a common CC system | |
| | UR-HSC-430 | Update of calibration/engineering files | |
| | UR-HSC-440 | Changing a system artifact | |
| | UR-HSC-450 | Responding to an SCR | |
| | UR-HSC-460 | Traceability of configuration and inputs | |
| | UR-HSC-470 | Updating software delivered to HSC | |
| | **UR-HSC-500** | **HSC Collaboration** | |
| **SIRD-ICCO-025** | UR-HSC-510 | Interface with FSC | |
| **SIRD-ICCF-200** | UR-HSC-520 | Responding to FSC PR requests | |
| | UR-HSC-530 | Information for PR | |
| **SIRD-ICCF-102** | UR-HSC-540 | Joint Information Provision | |
| **SIRD-ICCF-120** | UR-HSC-540 | Joint Information Provision | |
| **SIRD-ICCF-125** | UR-HSC-540 | Joint Information Provision | |
| **SIRD-ICCF-165** | UR-HSC-540 | Joint Information Provision | |
| **SIRD-ICCO-030** | UR-HSC-550 | Instrument Information Provision | |
| **SIRD-ICCO-055** | UR-HSC-550 | Instrument Information Provision | |
| | **UR-HSC-600** | **Training** | |
| | UR-HSC-610 | Development Staff Training | |
| **SIRD-ICCO-005** | UR-HSC-620 | Operations Staff Training | |
| **SIRD-ICCO-010** | UR-HSC-630 | HSC/MOC Staff Training | |
| | **UR-HSC-700** | **Archive** | |
| **SIRD-ICCA-005** | UR-HSC-710 | Archive Support | |
| **SIRD-ICCA-010** | UR-HSC-710 | Archive Support | |
| **SIRD-ICCA-015** | UR-HSC-710 | Archive Support | |
| **SIRD-ICCA-020** | UR-HSC-710 | Archive Support | |
| | **UR-CUS-100** | **Instrument Information** | |
| **SIRD-ICCF-050** | UR-CUS-110 | Provision Of CUS DB Information | |
| **SIRD-ICCF-055** | UR-CUS-110 | Provision Of CUS DB Information | |
| **SIRD-ICCF-060** | UR-CUS-110 | Provision Of CUS DB Information | |
| **SIRD-ICCF-065** | UR-CUS-110 | Provision Of CUS DB Information | |
| | UR-CUS-120 | CUS & Instrument Command Database | |
| **SIRD-ICCF-080** | UR-CUS-130 | Telemetry Contents | |
| | UR-CUS-140 | Configuration Control | |
| | **UR-CUS-200** | **Installation & Testing** | |
| | UR-CUS-210 | Installation | |
| | UR-CUS-220 | Test facility | |
| | UR-CUS-230 | Testing of observation modes | |
| | **UR-CUS-300** | **Problem reporting** | |
| | UR-CUS-310 | Problem reporting | |
| | UR-CUS-400 | Access to the HSC system | |
| | UR-CUS-410 | Access to the HSC system | |
| | | **SYSTEM REQUIREMENTS** | |
| **SIRD-ICCF-105** | UR-AOP-100 | Development | |

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| **SIRD-ICCF-105** | UR-AOP-110 | Readiness | |
| **SIRD-ICCF-105** | UR-AOP-120 | Flexibility | |
| **SIRD-ICCF-105** | UR-AOP-130 | Supported AOTs | |
| **SIRD-ICCF-105** | UR-AOP-140 | Files for instrument parameters | |
| **SIRD-ICCF-105** | UR-AOP-150 | Values of instrument parameters | |
| **SIRD-ICCF-105** | UR-AOP-160 | Instrument's logic | |
| **SIRD-ICCF-105** | UR-AOP-170 | Outputs | |
| **SIRD-ICCF-105** | UR-AOP-200 | Maintenance | |
| **SIRD-ICCF-105** | UR-AOP-210 | Documentation | |
| **SIRD-ICCF-105** | UR-AOP-220 | Versions | |
| **SIRD-ICCF-105** | UR-AOP-230 | Evolving calibration | |
| | | **OBSERVER REQUIREMENTS** | |
| **SIRD-ICCF-105** | UR-AOP-300 | Input | |
| **SIRD-ICCF-105** | UR-AOP-310 | Minimal input | |
| **SIRD-ICCF-105** | UR-AOP-320 | Sources | |
| **SIRD-ICCF-105** | UR-AOP-330 | Backgrounds | |
| **SIRD-ICCF-105** | UR-AOP-340 | Spectral energy distribution | |
| **SIRD-ICCF-105** | UR-AOP-350 | Noises | |
| **SIRD-ICCF-105** | UR-AOP-400 | Outputs | |
| **SIRD-ICCF-105** | UR-AOP-410 | Synthetic output formats | |
| **SIRD-ICCF-105** | UR-AOP-420 | Easy replay | |
| **SIRD-ICCF-105** | UR-AOP-500 | Interaction with the tool | |
| **SIRD-ICCF-105** | UR-AOP-510 | Main command mode | |
| **SIRD-ICCF-105** | UR-AOP-520 | Replay mode | |
| **SIRD-ICCF-105** | UR-AOP-600 | **HOST REQUIREMENTS** | |
| **SIRD-ICCF-105** | UR-AOP-610 | Common elements | |
| **SIRD-ICCF-105** | UR-AOP-620 | Overview | |
| **SIRD-ICCF-105** | UR-AOP-630 | User's training | |
| **SIRD-ICCF-105** | UR-AOP-640 | Interface with HSC Development | |
| **SIRD-ICCF-105** | UR-AOP-650 | Interface with the HSC – Delivery | |
| **SIRD-ICCF-105** | UR-AOP-660 | Interface with the HSC –Person | |
| | UR-OBS-100 | Provision of OBS information | |
| **SIRD-ICCF-105** | UR-OBS-110 | Provision of OBS maintenance facility | |
| **SIRD-ICCO-020** | UR-OBS-110 | Provision of OBS maintenance facility | |
| **SIRD-ICCF-160** | UR-OBS-120 | Testing of OBS | |
| | UR-OBS-130 | Configuration control | |
| **SIRD-ICCF-160** | UR-OBS-140 | Installation | |
| | UR-OBS-150 | Problem reporting and resolving | |
| | **UR-CONS-100** | **Information Input** | |
| | UR-CONS-110 | Solicited Information Retrieval | |
| | UR-CONS-120 | Unsolicited Information Collection | |
| | UR-CONS-130 | Information Storage and Retrieval | |
| | **UR-CONS-200** | **Information Output & Feedback** | |
| | UR-CONS-210 | Beta Testing | |
| | **UR-CONS-300** | **Specific Roles** | |
| **SIRD-ICCF-146** | UR-CONS-310 | Support Key Programs | |
| | **UR-MOC-100** | **Functional Requirements** | |
| **SIRD-ICCF-170** | UR-MOC-110 | Definition of Interfaces | |
| **SIRD-ICCF-205** | UR-MOC-120 | Delivery of Hardware | |

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| | **UR-MOC-200** | **Operational Requirements** | |
| **SIRD-ICCO-015** | UR-MOC-210 | Provision of Staff | |
| **SIRD-ICCO-010** | UR-MOC-220 | Provision of Training | |
| **SIRD-ICCO-027** | UR-MOC-230 | Update of Instrument Databases | |
| | UR-OTHER-100 | **DEVELOPMENT OF ICC SYSTEMS** | |
| | UR-OTHER-110 | Commonality | |
| | UR-OTHER-120 | Visibility | |
| | UR-OTHER-130 | Notification | |
| | UR-OTHER-200 | **INSTRUMENT CONTROL AND MONITORING** | |
| | UR-OTHER-210 | Preparatory program | |
| **SIRD-ICCA-045** | UR-OTHER-220 | Calibration sources | |
| **SIRD-ICCA-045** | UR-OTHER-230 | Calibration models | |
| **SIRD-ICCA-045** | UR-OTHER-240 | Publication of calibration sources and models | |
| | UR-OTHER-250 | Instrument status | |
| | UR-OTHER-260 | Satellite status | |
| | UR-OTHER-270 | Observing expertise | |
| | UR-OTHER-280 | Instrumental effects | |
| | UR-OTHER-290 | PACS and HIFI expertise | |
| | UR-OTHER-300 | External SPIRE expertise - resources | |
| | UR-OTHER-510 | External SPIRE expertise - persons | |
| | **UR-PUS-100** | **Reactive Requirements** | |
| | UR-PUS-110 | Press Releases | |
| | UR-PUS-120 | Public WWW pages | |
| | UR-PUS-130 | Other Public Relations | |
| | UR-PUS-140 | Visits | |
| | **UR-PUS-200** | **Proactive Requirements** | |
| | UR-PUS-210 | Press Releases | |
| | UR-PUS-220 | Public WWW pages | |
| | UR-PUS-230 | Other Public Relations | |
| | UR-PUS-240 | Access to Herschel PR | |