SSR1 Interface Control Document
An Overview – Call for Assistance

Don Mitchell
SSR1 Interface Control Document - An Overview
15 DEC 2015
SSR1 ICD – What is this Document?

- All of the systems for the SSR1 cryomodule need to be integrated together.
- This Interface Control Document identifies all of the systems related to the SSR1 cryomodule so that nothing is overlooked during the final design phase, fabrication, installation, and operation.
- All items will be identified – ask, “what is required?”
- Jesse Batko, an AD engineer, has been asked to coordinate the authoring of this document – but he needs your assistance.
- DRAFT completed by end of December
- FINAL version completed by end of January, 2016
ICD for the HWR Cryomodule
Used as an example
Teamcenter # ED0002529

ICD for the SSR1 Cryomodule
Teamcenter # ED0004129
The Following Personnel will be Asked to Participate

- RF Power: Ralph P.
- LLRF: Brian C.
- Instrumentation: Vic S. / Meiyu Chen / Fred Lewis / Darryl Orris
- Magnet Power: Bruce H.
- Magnet Leads: Tom Nicol / Meiyu Chen
- Interlocks: Peter P.
- Controls: Jim P.
- Microphonics: Jeremiah Holzbauer / Yuriy P.
- Vacuum: Orlov / Nicol / Ristori / C. Baffes / Alex Chen
- Cryogenics: Orlov / Nicol / Ristori / Arkadiy K. / Mike White
- Alignment: Orlov / Nicol / Ristori / Virgil Bocean
- Cavity Tuning: Timergali K.
- BPM: Vic S. / Iouri Terechkine
- PXIE Facility: C. Baffes / J. Leibfritz
- PIP-II facility: S. Dixon / C. Baffes
- Couplers: S. Kazakov / Ristori
- Cavity Tuners: Ristori / Passarelli / Timergali / Yuriy P.
- Stand Interface: B. Hartsell