

## 1 Deliverable Description

**ID and Title:** D-21 Interface Control Document

**Description:** The Interface Control Document will specify the requirements that will need to be met by the participating systems. It will offer the necessary descriptions and the operation of the interfaces. It will also identify the communication paths of which the data is expected to flow. Note that day-to-day operations of interfaces will be addressed in the Operation and Maintenance Manual.

## 2 Content

Each interface control document will contain the following contents:

Content Item	Description
1. Overview	Description to show what the purpose of the interface is and if they are internal or external.
2. Assumption	Assumptions made on the interfaces.
3. Constraints	Descriptions of any limitations.
4. Risk	Description of any risk with the system and mitigations.
5. Interface Overview	Explanation of the functionality and architecture of the interface system.
6. Functional Allocation	Description of how the interface will function.
7. Data Transfer	Describe how the data will flow among the components.
8. Transactions	What kind of transactions will be used to move data
9. Security and Integrity	Show what security and integrity requirements and how these will be implemented.
10. Detail Interface Requirements	Show the detail information of the interfaces between the systems that includes explicit definition of the content and format of the file that may be passed between the two systems.

## 3 Development and Review Plan

Approver: Justin Tease

Reviewer(s): Maureen Connolly, Justin Tease, Dana Houlihan, Les Birnbaum, Tena Perrelli, Greg Paradiso, Margot Thistle, Sean Sheehan, Michael Morey

Work plan tasks:

Unique ID	Task Name	Start	Finish
4911	<b>Deliverable: (D-21) Interface Control Document</b>	<b>Wed 3/6/13</b>	<b>Tue 4/30/13</b>
4912	<b>Create Deliverable</b>	<b>Wed 3/6/13</b>	<b>Tue 4/16/13</b>
4913	Document Interface Control Document	Wed 3/6/13	Tue 4/16/13
4914	<b>Review and Approve Deliverable</b>	<b>Wed 4/17/13</b>	<b>Tue 4/30/13</b>
4915	Intl Rev & U/D - Intfc Control Doc	Wed 4/17/13	Tue 4/23/13
4916	<i>Milestone: Interface Control Document Submitted</i>	<i>Tue 4/23/13</i>	<i>Tue 4/23/13</i>
4917	Rev, Rvs and Appr - Intfc Control Doc	Wed 4/24/13	Tue 4/30/13
4918	<i>Milestone: Final Interface Control Document Approved</i>	<i>Tue 4/30/13</i>	<i>Tue 4/30/13</i>

## 4 Acceptance Criteria

- Describes external inputs to and all outputs from a system for some potential or actual user of the system.
- There will be an ICD for each interface
- ICDs will define data elements in the interface, the method of transfer and the frequency of the transactions.
- Describe the process for the contingency plan if the interface should fail

DISCUSSION DRAFT