

Tier 1 Changes Explanation/Basis Document
Tier 1, Section 2.5.3

Item No.	Explanation/Basis for Change
Design Description Section 2.5.3.1	
A	Notes 1 and 2. See Item K. This change does not impact the response to RAI 51, Revision 0, 14.03.11-3, or the response to RAI 222, Revision 1, 14.03.11-20.
B	Editorial changes.
C	Notes 1 and 2. See Items N, P, Q. and R. This change does not impact the response to RAI 51, Revision 0, 14.03.11-3, or the response to RAI 222, Revision 1, 14.03.11-20.
D	Notes 1 and 2. See Items P, O and R. Revised to agree with Tier 2 (subsystem v. division), and to add description of the DHP manual actuation permissive function.
E	Notes 1 and 2. See Items M, O and Q.
F	Notes 1 and 2. See Items N, P, Q and R.
G	Notes 1 and 2. See Items M and N.
H	Notes 1 and 2. See Item T. Text is redundant to text in Item A.
I	Notes 1 and 2. See Item R.
J	Notes 1 and 2. (first and third sentences) See Items M and S. This change alters the response to RAI 275, Revision 1, 14.03.05-23.
K	Second sentence revised and relocated to first paragraph. See Item A. This change alters the response to RAI 275, Revision 1, 14.03.05-23.
L	Revised text to include only the necessary attributes for Tier 1 and ITAAC.
M	Notes 1 and 2. See Items E, G and J.
N	Notes 1 and 2. See Items C, F and G.
O	Notes 1 and 2. See Items D and E.
P	Notes 1 and 2. See Items C, D and F.
Q	Notes 1 and 2. See Items C and E.
R	Notes 1 and 2. See Items C, D, F and I.
S	Notes 1 and 2. See Item J.
T	Notes 1 and 2. See Item H.
U	Note 1.
Table 2.5.3-1	
No changes.	
Table 2.5.3-2	
V Editorial change.	
Table 2.5.3-3	
No changes.	
ITAAC Table 2.5.2-4	
1.a	DC, ITA, AC <ul style="list-style-type: none"> Generic changes to ITAAC for functional arrangement to provide clarity and consistency, and to address DAS monitored variables. [RIS, Scope, 2nd bullet; Standardization, 2nd bullet.] <p>This change alters the response to RAI 181, Revision 0, 14.03.05-6, and alters the response to RAI 275, Revision 1, 14.03.05-23.</p>

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1.b	<p>ITAAC renumbered from 1.c to 1.b. This change alters the response to RAI 488, 14.03.11-40.</p> <p>DC</p> <ul style="list-style-type: none"> – Revised to correct terminology and remove wording not appropriate for a design commitment (acceptance criteria). [RIS - Focus 6th bullet; Scope, 1st bullet.] <p>ITA, AC</p> <ul style="list-style-type: none"> – Revised to provide separate ITA/AC for physical separation and electrical independence; new ITA/AC added for electrical independence verification [RIS - Focus 7th bullet; Scope 1st bullet.] <p>This change alters the response to RAI 181, Revision 0, 14.03.05-6.</p>
1.c	<p>ITAAC renumbered from 1.b to 1.c.</p> <p>DC, ITA, AC</p> <ul style="list-style-type: none"> – New ITAAC – relocated from ITAAC #2, to address manual actuation capability of the DAS. [RIS – Standardization, 2nd bullet; Scope, 1st bullet.] <p>This change does not impact the response to RAI 181, Revision 0, 14.03.05-6.</p>
1.d	<p>DC, ITA, AC</p> <ul style="list-style-type: none"> – New ITAAC to address automatic actuation functions of the DAS. [RIS – Standardization, 2nd bullet; Scope, 1st bullet.] <p>This change does not impact the response to RAI 181, Revision 0, 14.03.05-6.</p>
1.e	<p>ITAAC renumbered from 1.d to 1.e.</p> <p>DC</p> <ul style="list-style-type: none"> – Editorial corrections and revisions to use consistent language, and to add DC to address manual actuation permissive requirements. [RIS – Scope, 1st bullet] <p>1.e.i - ITA, AC</p> <ul style="list-style-type: none"> – Test added to ITA to support the DC and acceptance criteria, ITA revised for clarity of requirements, and AC revised to provide appropriate closure method and for clarity. <p>1.e.ii – ITA and AC</p> <ul style="list-style-type: none"> – New ITA/AC added to address changes to the design commitment and to address ITA inspection requirements for separation. [RIS - Focus, 6th and 7th bullets] <p>This change alters the response to RAI 181, Revision 0, 14.03.05-6.</p>

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2	<p>DC</p> <ul style="list-style-type: none"> Revised for editorial corrections, to agree with Tier 2 and relocation of manual controls DC to new ITAAC #1.c. [RIS - Scope, 1st bullet.] This change alters the response to RAI 275, Revision 1, 14.03.05-24. <p>ITA</p> <ul style="list-style-type: none"> Revised to be consistent with the DC, and for clarity. [RIS - Scope, 1st bullet; Focus, 6th bullet] This change alters the response to RAI 275, Revision 1, 14.03.05-24. <p>AC</p> <ul style="list-style-type: none"> Revised for editorial corrections, to agree with Tier 2 and relocation of manual controls DC to new ITAAC #1.c. [RIS - Scope, 1st bullet; Focus, 6th bullet] This change alters the response to RAI 275, Revision 1, 14.03.05-24. <p>This change does not impact the response to RAI 181, Revision 0, 14.03.05-6.</p>
3	<p>DC</p> <ul style="list-style-type: none"> Editorial change, and delete redundant information. [RIS - Scope, 1st bullet.] This change alters the response to RAI 275, Revision 1, 14.03.05-23. <p>ITA</p> <ul style="list-style-type: none"> Correction to ITA; inspection is not appropriate for software. [RIS - Scope, 1st bullet.] <p>AC</p> <ul style="list-style-type: none"> Editorial change, and delete redundant information. [RIS - Scope, 1st bullet.] This change alters the response to RAI 275, Revision 1, 14.03.05-23.
4	<p>DC, AC</p> <ul style="list-style-type: none"> Remove redundant information – see ITAAC #3. [RIS - Scope, 1st bullet] This change alters the response to RAI 275, Revision 1, 14.03.05-23. <p>ITA</p> <ul style="list-style-type: none"> No change. <p>This change does not impact the response to RAI 181, Revision 0, 14.03.05-6.</p>
5	<p>Deleted. Design commitment and ITAAC for augmented QA program implementation is not appropriate as indicated in Tier 2, Section 14.3.</p> <p>This change alters the response to RAI 181, Revision 0, 14.03.05-6, and alters the response to RAI 275, Revision 1, 14.03.05-23.</p>
Figure 2.5.3-1	
No changes.	

Note 1: Revised to provide consistency between the Design Description (DD) and the Design Commitment (DC) in the ITAAC table. Revised text to include only the necessary attributes for ITAAC.

Note 2: Text relocated within the DD section to align with the sequence and numbering of the corresponding DC in the ITAAC table.