CCSDS RID NUMBER:	1	
AGENCY RID NUMBER:	NASA-JSC-CB-001	
SUBMITTING ORGANIZATION (Agency,	NASA, JSC	
Center):		
REVIEWER'S NAME:	Craig Biggerstaff	
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DOCUMENT NUMBER:	901.3-R-1	
DOCUMENT NAME:	Functional Resource Model	
DATE ISSUED:	2022/09/19	
PAGE NUMBER: Various	PARAGRAPH NUMBER: Various	
RID SHORT TITLE:	Not written as requirements	
DESCRIPTION OF REQUESTED CHANGE: (
Most normative sections of this Rec	ommended Practice are written as	
merely descriptive, Green Book-like	text with very few 'shall' or 'must'	
statements to delineate specified r	equirements for standards-track	
	which items within the document are	
intended to be normative.		
In many cases, this can be correcte	d by mild rewording to make statements	
In many cases, this can be correcte clearly normative: e.g., by changi		
clearly normative: e.g., by changi		
clearly normative: e.g., by changi of". CATEGORY OF REQUESTED CHANGE:		
<pre>clearly normative: e.g., by changi of". CATEGORY OF REQUESTED CHANGE:</pre>	ng "consists of" to "shall consist	
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clearly normative: e.g., by changi of". CATEGORY OF REQUESTED CHANGE: Technical Fact Recommen NOTES: TECHNICAL FACT: Major technical ch	ng "consists of" to "shall consist ded <u>X</u> Editorial ange of sufficient magnitude as to	
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clearly normative: e.g., by changing of". CATEGORY OF REQUESTED CHANGE: Technical Fact Recommend NOTES: TECHNICAL FACT: Major technical charged recommendation inaccuration corrected. (Supporting analysis/r RECOMMENDED: Change of a nature that the second recommendation inaccuration corrected.	<pre>ng "consists of" to "shall consist ded X Editorial ange of sufficient magnitude as to te and unacceptable if not ationale is essential.) at would, if incorporated, produce</pre>	
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clearly normative: e.g., by changing of". CATEGORY OF REQUESTED CHANGE: Technical Fact Recomment NOTES: TECHNICAL FACT: Major technical char render the Recommendation inaccuration corrected. (Supporting analysis/r RECOMMENDED: Change of a nature thar a marked improvement in document q EDITORIAL: Typographical or other	<pre>ng "consists of" to "shall consist ded X Editorial ange of sufficient magnitude as to te and unacceptable if not ationale is essential.) at would, if incorporated, produce uality and acceptance. factual error needing correction.</pre>	
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<pre>clearly normative: e.g., by changi of". CATEGORY OF REQUESTED CHANGE: Technical Fact Recommen NOTES: TECHNICAL FACT: Major technical ch render the Recommendation inaccura corrected. (Supporting analysis/r RECOMMENDED: Change of a nature th a marked improvement in document q EDITORIAL: Typographical or other (This type of change will be made SUPPORTING ANALYSIS: See the CCSDS Publications Manual (§3.4.3.3. DISPOSITION:</pre>	ng "consists of" to "shall consist ded _X_ Editorial ange of sufficient magnitude as to te and unacceptable if not ationale is essential.) at would, if incorporated, produce uality and acceptance. factual error needing correction. without feedback to submitter.) A20.0-Y-4), particularly	
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Attachments:

A20x0y4c1.pdf

CCSDS RID NUMBER:	2		
AGENCY RID NUMBER:	NASA-JSC-CB-002		
SUBMITTING ORGANIZATION (Agency,	NASA, JSC		
Center):			
REVIEWER'S NAME:	Craig Biggerstaff		
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DOCUMENT NUMBER:	901.3-R-1		
DOCUMENT NAME:	Functional Resource Model		
DATE ISSUED:	2022/09/19		
PAGE NUMBER: 1-5	PARAGRAPH NUMBER: 1.7		
RID SHORT TITLE:	Include standards-track definitions		
DESCRIPTION OF REQUESTED CHANGE: (Use From: "" To "" format)		
Statements within standards-track d (See also a related RID regarding u requirements.)	-		
CATEGORY OF REQUESTED CHANGE:			
Technical Fact Recommen	ded X Editorial		
<pre>render the Recommendation inaccurate and unacceptable if not corrected. (Supporting analysis/rationale is essential.) RECOMMENDED: Change of a nature that would, if incorporated, produce a marked improvement in document quality and acceptance. EDITORIAL: Typographical or other factual error needing correction. (This type of change will be made without feedback to submitter.)</pre>			
SUPPORTING ANALYSIS: See the CCSDS Publications Manual (
\hat{A} S3.4.1.6.2: $\&$ #xD; $\&$ #xD;"3.4.1.6.2 No subsection shall identify any speci the document. For normative-track d text shall be placed in this subsec NOMENCLATURE $\&$ #xD;1.{n}.1 NORMATIVE apply for the normative specificati $\hat{a}\in$ shall $\hat{a}\in$ ^M and $\hat{a}\in$ must $\hat{a}\in$ ^M imply a	<pre>menclature. The nomenclature fic linguistic usages that apply in ocuments, the following boilerplate tion:		

1.{n} TEXT
The following conventions</pre> | | |
| desirable, specification; $\&\#xD;c$) th
specification; $\&\#xD;d$) the words $\hat{a}\in\tilde{~}$
statements of fact. $\&\#xD;NOTE \ \hat{a}\in\tilde{~}$ Th
constraints on diction in text that
nature. $\&\#xD;1.\{n\}.2$ INFORMATIVE TEX
this document, informative text is | binding and verifiable
hould' implies an optional, but
e word â€~may' implies an optional
is', â€~are', and â€~will' imply
ese conventions do not imply
is clearly informative in
T In the normative sections of
set off from the normative
nder one of the following subsection | | |
| desirable, specification; c) th
specification; d) the words â€~
statements of fact. NOTE â€" Th
constraints on diction in text that
nature. 1.{n}.2 INFORMATIVE TEX
this document, informative text is
specifications either in notes or u
headings: â€" Overview; â€"
Rationale; â€" Discussion."
DISPOSITION: | binding and verifiable
hould' implies an optional, but
e word â€~may' implies an optional
is', â€~are', and â€~will' imply
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Background; – | | |
| desirable, specification; c) th
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constraints on diction in text that
nature. 1.{n}.2 INFORMATIVE TEX
this document, informative text is
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headings: â€" Overview; â€"
Rationale; â€" Discussion." | binding and verifiable
houldâ€ [™] implies an optional, but
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nder one of the following subsection
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Attachments:

A20x0y4c1.pdf

CCSDS RID NUMBER:	3			
AGENCY RID NUMBER:				
SUBMITTING ORGANIZATION (Agency,	NASA-JPL-EB-001 NASA, JPL			
Center):				
REVIEWER'S NAME:	Erik Barkley			
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	901.3-R-1			
DOCUMENT NUMBER: DOCUMENT NAME:	901.3-R-1 Functional Resource Model			
DATE ISSUED:	2022/09/19			
PAGE NUMBER: 1-1	PARAGRAPH NUMBER: 1.2, 2nd			
	paragraph			
RID SHORT TITLE:	Better introduction needed			
DESCRIPTION OF REQUESTED CHANGE: (U				
FROM	Serion IO IOINdu)			
parameters, monitored parameters, real-time control parameters, and event notifications." TO "Fundamental to the concept of FRs is that each one represents a cohesive, atomic set of space communication functionality with which can be associated configuration parameters, monitored parameters, real-time control parameters, and event				
notifications."	ar time control parameters, and event			
CATEGORY OF REQUESTED CHANGE:				
	led X Editorial			
NOTES:				
NOTES: TECHNICAL FACT: Major technical change of sufficient magnitude as to render the Recommendation inaccurate and unacceptable if not corrected. (Supporting analysis/rationale is essential.) RECOMMENDED: Change of a nature that would, if incorporated, produce a marked improvement in document quality and acceptance. EDITORIAL: Typographical or other factual error needing correction. (This type of change will be made without feedback to submitter.)				
SUPPORTING ANALYSIS:				
SUPPORTING ANALYSIS: There is a technical fact aspect: th	e term "management parameters" is			
There is a technical fact aspect: th used but twice in the document; more essential diagram for describing what	over, Figure 2-1, which is an t a functional resource is, has no			
There is a technical fact aspect: the used but twice in the document; more essential diagram for describing what indication of "management parameters	over, Figure 2-1, which is an t a functional resource is, has no " but does show (correctly)			
There is a technical fact aspect: the used but twice in the document; more essential diagram for describing what indication of "management parameters "configuration parameters". Hence	over, Figure 2-1, which is an t a functional resource is, has no " but does show (correctly) the change from "management			
There is a technical fact aspect: the used but twice in the document; more essential diagram for describing what indication of "management parameters "configuration parameters". Hence parameters" to "configuration parameters	over, Figure 2-1, which is an t a functional resource is, has no " but does show (correctly) the change from "management ters" Also, . There is an			
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There is an th which can be associated single ts reviewer, negative information parameters etc. is essentially tup. The key thing for the reader to</pre>				
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There is a technical fact aspect: the used but twice in the document; more essential diagram for describing what indication of "management parameters "configuration parameters". Hence parameters" to "configuration parameters editorial aspect: the phrase "wit instances of $\hat{a} \in $!" Represents, to this transfer. How many instances of what immaterial in the introductory write note during the introduction is that data parameters etc. are associated	eover, Figure 2-1, which is an t a functional resource is, has no " but does show (correctly) the change from "management ters" Also, . There is an th which can be associated single is reviewer, negative information a parameters etc. is essentially to up. The key thing for the reader to a configuration parameters monitor with each functional resource. I as more to the point and sacrifices			

Accepted: Document will be updated as recommended.

CCSDS RID NUMBER:	4	
AGENCY RID NUMBER:	NASA-JPL-EB-010	
SUBMITTING ORGANIZATION (Agency,	NASA, JPL	
Center):		
REVIEWER'S NAME:	Erik Barkley	
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DOCUMENT NUMBER:	901.3-R-1	
DOCUMENT NAME:	Functional Resource Model	
DATE ISSUED:	2022/09/19	
PAGE NUMBER: 2-5	PARAGRAPH NUMBER: 2.3	
RID SHORT TITLE:	Stick to CCSDS terse style	
DESCRIPTION OF REQUESTED CHANGE: (U		
Consider delete the paragraph that s		
specific space communication technol		
specific space communication technol	ogies	
CATEGORY OF REQUESTED CHANGE:		
	led X Editorial	
NOTES:		
TECHNICAL FACT: Major technical cha		
render the Recommendation inaccurat		
corrected. (Supporting analysis/ra		
RECOMMENDED: Change of a nature that		
a marked improvement in document qu		
EDITORIAL: Typographical or other f	-	
(This type of change will be made w	vithout feedback to submitter.)	
SUPPORTING ANALYSIS:		
The paragraph tends to discuss poter		
resources as "space communication t	-	
lne, but the exposition in the para		
definition of the various strata inv		
about) Deleting this paragraph will help to keep the focus on identifying		
the various functional resource strata. The information in this paragraph		
to be deleted is perhaps useful in a section on maintenance of the		
functional resource model (if such a section exists and if it does		
not, perhaps it should be created).		
DISPOSITION:		
Accepted: Document will be updated a	is recommended.	

REVIEW	ITEM	DISPOSITION	(RID):

CCSDS RID NUMBER:	5
AGENCY RID NUMBER:	NASA-JPL-EB-011
SUBMITTING ORGANIZATION (Agency,	NASA, JPL
Center):	
REVIEWER'S NAME:	Erik Barkley
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TELEPHONE:	+1 818.393.4972
DOCUMENT NUMBER:	901.3-R-1
DOCUMENT NAME:	Functional Resource Model
DATE ISSUED:	2022/09/19
PAGE NUMBER: 2-6	PARAGRAPH NUMBER:
RID SHORT TITLE:	Stick to CCSDS terse style
DESCRIPTION OF REQUESTED CHANGE: (Use From: "" To "" format)
From "Over time, these	······································
Recommended Standards will be augme	nted to accommodate new space
communications	inced to accommodate new space
	dio frequency vs. optical technologies
at the aperture and	
-	e communications technology may have
its own set of	
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its own set of	used when that technology is employed
its own set of management parameters that must be	
its own set of management parameters that must be in the	
its own set of management parameters that must be in the configuration of an ESLT." To <	deleted text>
<pre>its own set of management parameters that must be in the configuration of an ESLT." To < CATEGORY OF REQUESTED CHANGE:</pre>	deleted text>
its own set of management parameters that must be in the configuration of an ESLT." To < CATEGORY OF REQUESTED CHANGE: Technical Fact Recommen	deleted text>
its own set of management parameters that must be in the configuration of an ESLT." To < CATEGORY OF REQUESTED CHANGE: Technical Fact Recommen NOTES:	<pre>deleted text> ded _X _ Editorial ange of sufficient magnitude as to</pre>
its own set of management parameters that must be in the configuration of an ESLT." To < CATEGORY OF REQUESTED CHANGE: Technical Fact Recommen NOTES: TECHNICAL FACT: Major technical ch render the Recommendation inaccura corrected. (Supporting analysis/r	<pre>deleted text> ded _X_ Editorial ange of sufficient magnitude as to te and unacceptable if not ationale is essential.)</pre>
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its own set of management parameters that must be in the configuration of an ESLT." To < CATEGORY OF REQUESTED CHANGE: Technical Fact Recommen NOTES: TECHNICAL FACT: Major technical ch render the Recommendation inaccura corrected. (Supporting analysis/r RECOMMENDED: Change of a nature th a marked improvement in document q EDITORIAL: Typographical or other	<pre>deleted text> ded _X_ Editorial ange of sufficient magnitude as to te and unacceptable if not ationale is essential.) at would, if incorporated, produce uality and acceptance. factual error needing correction.</pre>
its own set of management parameters that must be in the configuration of an ESLT." To < CATEGORY OF REQUESTED CHANGE: Technical Fact Recommen NOTES: TECHNICAL FACT: Major technical ch render the Recommendation inaccura corrected. (Supporting analysis/r RECOMMENDED: Change of a nature th a marked improvement in document q	<pre>deleted text> ded _X_ Editorial ange of sufficient magnitude as to te and unacceptable if not ationale is essential.) at would, if incorporated, produce uality and acceptance. factual error needing correction.</pre>
its own set of management parameters that must be in the configuration of an ESLT." To < CATEGORY OF REQUESTED CHANGE: Technical Fact Recommen NOTES: TECHNICAL FACT: Major technical ch render the Recommendation inaccura corrected. (Supporting analysis/r RECOMMENDED: Change of a nature th a marked improvement in document q EDITORIAL: Typographical or other (This type of change will be made SUPPORTING ANALYSIS:	<pre>deleted text> ded _X _ Editorial ange of sufficient magnitude as to te and unacceptable if not ationale is essential.) at would, if incorporated, produce uality and acceptance. factual error needing correction. without feedback to submitter.)</pre>
its own set of management parameters that must be in the configuration of an ESLT." To < CATEGORY OF REQUESTED CHANGE: Technical Fact Recommen NOTES: TECHNICAL FACT: Major technical ch render the Recommendation inaccura corrected. (Supporting analysis/r RECOMMENDED: Change of a nature th a marked improvement in document q EDITORIAL: Typographical or other (This type of change will be made SUPPORTING ANALYSIS: Similar to the previous RID this re	<pre>deleted text> ded _X _ Editorial ange of sufficient magnitude as to te and unacceptable if not ationale is essential.) at would, if incorporated, produce uality and acceptance. factual error needing correction. without feedback to submitter.) ally does not help with the</pre>
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<pre>its own set of management parameters that must be in the configuration of an ESLT." To < CATEGORY OF REQUESTED CHANGE: Technical Fact Recommen NOTES: TECHNICAL FACT: Major technical ch render the Recommendation inaccura corrected. (Supporting analysis/r RECOMMENDED: Change of a nature th a marked improvement in document q EDITORIAL: Typographical or other (This type of change will be made SUPPORTING ANALYSIS: Similar to the previous RID this re definition of functional resource s hurt the exposition of the function</pre>	<pre>deleted text> ded _X _ Editorial ange of sufficient magnitude as to te and unacceptable if not ationale is essential.) at would, if incorporated, produce uality and acceptance. factual error needing correction. without feedback to submitter.) ally does not help with the trata. The removal the text does not al resource strata and will help to</pre>
its own set of management parameters that must be in the configuration of an ESLT." To < CATEGORY OF REQUESTED CHANGE: Technical Fact Recommen NOTES: TECHNICAL FACT: Major technical ch render the Recommendation inaccura corrected. (Supporting analysis/r RECOMMENDED: Change of a nature th a marked improvement in document q EDITORIAL: Typographical or other (This type of change will be made SUPPORTING ANALYSIS: Similar to the previous RID this re definition of functional resource s	<pre>deleted text> ded _X _ Editorial ange of sufficient magnitude as to te and unacceptable if not ationale is essential.) at would, if incorporated, produce uality and acceptance. factual error needing correction. without feedback to submitter.) ally does not help with the trata. The removal the text does not al resource strata and will help to</pre>
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its own set of management parameters that must be in the configuration of an ESLT." To < CATEGORY OF REQUESTED CHANGE: Technical Fact Recommen NOTES: TECHNICAL FACT: Major technical ch render the Recommendation inaccura corrected. (Supporting analysis/r RECOMMENDED: Change of a nature th a marked improvement in document q EDITORIAL: Typographical or other (This type of change will be made SUPPORTING ANALYSIS: Similar to the previous RID this re definition of functional resource s hurt the exposition of the function better focus this part of the recom	<pre>deleted text> ded _X _ Editorial</pre>
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its own set of management parameters that must be in the configuration of an ESLT." To < CATEGORY OF REQUESTED CHANGE: Technical Fact Recommen NOTES: TECHNICAL FACT: Major technical ch render the Recommendation inaccura corrected. (Supporting analysis/r RECOMMENDED: Change of a nature th a marked improvement in document q EDITORIAL: Typographical or other (This type of change will be made SUPPORTING ANALYSIS: Similar to the previous RID this re definition of functional resource s hurt the exposition of the function better focus this part of the recom	<pre>deleted text> ded _X _ Editorial</pre>

CCSDS RID NUMBER:	6	
AGENCY RID NUMBER:	NASA-JPL-EB-012	
SUBMITTING ORGANIZATION (Agency,	NASA, JPL	
Center):	,	
REVIEWER'S NAME:	Erik Barkley	
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E-MAIL ADDRESS:	erik.barkley@jpl.nasa.gov	
TELEPHONE:	+1 818.393.4972	
DOCUMENT NUMBER:	901.3-R-1	
DOCUMENT NAME:	Functional Resource Model	
DATE ISSUED:	2022/09/19	
PAGE NUMBER: 2-10	PARAGRAPH NUMBER: 2.4	
RID SHORT TITLE:	Late convention introduction	
DESCRIPTION OF REQUESTED CHANGE: (U	Use From: "" To "" format)	
Page and paragraph number are refere	ence and not whre change is needed.	
UML is note Previously noted in the		
Consider putting UML and some brief	mention of it in the convention	
section as UML is used starting here	e in the document.	
CATEGORY OF REQUESTED CHANGE:		
Technical Fact Recommend	ded X Editorial	
NOTES:		
TECHNICAL FACT: Major technical cha		
render the Recommendation inaccurat	-	
corrected. (Supporting analysis/ra		
RECOMMENDED: Change of a nature that		
a marked improvement in document qu		
	factual error needing correction.	
(This type of change will be made w	without feedback to submitter.)	
SUPPORTING ANALYSIS:		
Although most readers will probably		
-	d be noted in the convention section	
that UML is used in this recommendat	tion.	
DISPOSITION:		
Rejected: UML is introduced in sect		
Rejected: UML is introduced in sect: and a reference to applicable docume		
-		
-		

CCSDS RID NUMBER:	7
AGENCY RID NUMBER:	NASA-JPL-EB-013
SUBMITTING ORGANIZATION (Agency,	NASA, JPL
Center):	
REVIEWER'S NAME:	Erik Barkley
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DOCUMENT NUMBER:	901.3-R-1
DOCUMENT NAME:	Functional Resource Model
DATE ISSUED:	2022/09/19
PAGE NUMBER: TBD	PARAGRAPH NUMBER: TBD
RID SHORT TITLE:	But where is the actual practice?
DESCRIPTION OF REQUESTED CHANGE:	(Use From: "" To "" format)
such things as use of the FRM edi the FRM model (in SANA) is admini	tor tooling and a general process of how stered and governed.
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the FRM model (in SANA) is admini	stered and governed.
the FRM model (in SANA) is admini CATEGORY OF REQUESTED CHANGE: Technical Fact Recomm NOTES:	nended X Editorial
the FRM model (in SANA) is admini CATEGORY OF REQUESTED CHANGE: Technical Fact Recomm NOTES: TECHNICAL FACT: Major technical	Lstered and governed. mended XEditorial change of sufficient magnitude as to
the FRM model (in SANA) is admini CATEGORY OF REQUESTED CHANGE: Technical Fact Recomm NOTES: TECHNICAL FACT: Major technical render the Recommendation inaccu	Astered and governed. mended XEditorial change of sufficient magnitude as to arate and unacceptable if not
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DISPOSITION:

Accepted: An Annex on maintenance of the FRM will be added.

CCSDS RID NUMBER:	8	
AGENCY RID NUMBER:	NASA-JPL-EB-014	
SUBMITTING ORGANIZATION (Agency,	NASA, JPL	
Center):		
REVIEWER'S NAME:	Erik Barkley	
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TELEPHONE:	+1 818.393.4972	
DOCUMENT NUMBER:	901.3-R-1	
DOCUMENT NAME:	Functional Resource Model	
DATE ISSUED:	2022/09/19	
PAGE NUMBER: F-1	PARAGRAPH NUMBER: N/A	
RID SHORT TITLE:	Not specified by RID submitter.	
DESCRIPTION OF REQUESTED CHANGE: (Use From: "" To "" format)	
CATEGORY OF REQUESTED CHANGE: Technical Fact Recommen	ded Editorial X	
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DISPOSITION:		
actually refers to Annex E as Annex document was essentially blank excer as Annex F, Viz; "This annex lists future candidate been identified as of this time, with emphasis on relevance to Sets associated with Space Internetworki Catalogs #2 and	pt for having the same first paragraph Functional Resource Sets that have IOAG Service Catalog #1 and ESLTs. FR ng and other services in IOAG Service	
#3 will be addressed in more detail Practice."	in future issues of this Recommended	

		9	
CCSDS RID NUMBER:		-	
AGENCY RID NUMBER: SUBMITTING ORGANIZATION (Agency,		NASA-JPL-EB-002	
	ATTON (Agency,	NASA, JPL	
Center):		Frik Barklov	
REVIEWER'S NAME: CODE:		Erik Barkley	
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DOCUMENT NUMBER: DOCUMENT NAME:		901.3-R-1	
		Functional Resource Model 2022/09/19	
DATE ISSUED: PAGE NUMBER:	2-10		
RID SHORT TITLE:	2-10		
RID SHORI IIILE:		Configuration parameters, not	
DECODIDEION OF DEC		management parameters	
DESCRIPTION OF REQ	QUESTED CHANGE: (U	se From: "" To "" format)	
FROM	1		
parameters,"	do not have specif	ic management parameters, monitored	
	do not have specif	ic configuration parameters,	
monitored paramete	ers,"		
CATEGORY OF REQUES	·		
	STED CHANGE:		
CATEGORY OF REQUES	STED CHANGE:		
CATEGORY OF REQUES Technical Fac NOTES: TECHNICAL FACT: M render the Recomm corrected. (Supp RECOMMENDED: Char a marked improvem EDITORIAL: Typogr	STED CHANGE: Ct Recommend Major technical cha mendation inaccurat borting analysis/ra nge of a nature tha ment in document qu raphical or other f	ed X Editorial nge of sufficient magnitude as to e and unacceptable if not tionale is essential.) t would, if incorporated, produce ality and acceptance. actual error needing correction.	
CATEGORY OF REQUES Technical Fac NOTES: TECHNICAL FACT: M render the Recomm corrected. (Supp RECOMMENDED: Char a marked improvem EDITORIAL: Typogr (This type of char SUPPORTING ANALYSI	STED CHANGE: Ct Recommend Major technical cha mendation inaccurat porting analysis/ra nge of a nature tha ment in document qu raphical or other f ange will be made w IS:	ed X Editorial nge of sufficient magnitude as to e and unacceptable if not tionale is essential.) t would, if incorporated, produce ality and acceptance.	

CCSDS RID NUMBER:		10	
AGENCY RID NUMBER:		NASA-JPL-EB-003	
SUBMITTING ORGANIZATION (Agency,		NASA JPL	
Center):			
REVIEWER'S NAME:		Erik Barkley	
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DOCUMENT NUMBER:		901.3-R-1	
DOCUMENT NAME:		Functional Resource Model	
DATE ISSUED:		2022/09/19	
PAGE NUMBER:	1-1	PARAGRAPH NUMBER:	1.2, last
			paragraph
RID SHORT TITLE:		basis, not method	
		se From: "" To "	
		oted as the method	
management informa	tion associated with	th the services to 1	be managed"
CATEGORY OF REQUES Technical Fac NOTES:	t Recommende	ed <u>E</u> ditorial	
render the Recomm corrected. (Supp RECOMMENDED: Chan a marked improvem EDITORIAL: Typogr	endation inaccurate orting analysis/ra ge of a nature tha ent in document qua aphical or other fa	nge of sufficient m e and unacceptable tionale is essentia t would, if incorpo ality and acceptance actual error needine ithout feedback to	if not 1.) rated, produce e. g correction.
SUPPORTING ANALYSI	S:		
that parameters ca presents the diffe basis. DISPOSITION:	n be defined at di	ed for classifying f fferent levels. Ra e parameters are or s recommended.	ther the FRM book

REVIEW	ITEM	DISPOSITION	(RID):

CCSDS RID NUMBER: AGENCY RID NUMBER:	11	
	NASA-JPL-EB-004	
SUBMITTING ORGANIZATION (Agency,	NASA, JPL	
Center):	NASA, UFL	
REVIEWER'S NAME:	Erik Barkley	
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TELEPHONE:	+1 818.393.4972	
DOCUMENT NUMBER:	901.3-R-1	
DOCUMENT NAME:	Functional Resource Model	
DATE ISSUED:	2022/09/19	
PAGE NUMBER: 1-2	PARAGRAPH NUMBER: 1.3	
RID SHORT TITLE:	Clarify Scope statement	
DESCRIPTION OF REQUESTED CHANGE: (U		
Practice is the functions that are provided by ESLTs defined in the Space Communications Cross Support (SCCS) Architecture (reference [13])" If this is accepted, then add this sentence just prior to section 1.4 "NOTE the detailed definition of the functional resources the address the above functionality are maintained in the Space Assigned Numbers		
Authority (SANA) Functional Resource	es Registry (reference [22])."	
CATEGORY OF REQUESTED CHANGE: Technical Fact Recommend	ded X Editorial	
<pre>NOTES: TECHNICAL FACT: Major technical change of sufficient magnitude as to render the Recommendation inaccurate and unacceptable if not corrected. (Supporting analysis/rationale is essential.) RECOMMENDED: Change of a nature that would, if incorporated, produce a marked improvement in document quality and acceptance. EDITORIAL: Typographical or other factual error needing correction. (This type of change will be made without feedback to submitter.)</pre>		
SUPPORTING ANALYSIS:		
SUPPORTING ANALYSIS:	circular ("behavior of each of the	

CCSDS RID NUMBER:	12
AGENCY RID NUMBER:	NASA-JPL-EB-005
SUBMITTING ORGANIZATION (Agency,	NASA, JPL
Center):	
REVIEWER'S NAME:	Erik Barkley
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DOCUMENT NUMBER:	901.3-R-1
DOCUMENT NAME:	Functional Resource Model
DATE ISSUED:	2022/09/19
PAGE NUMBER: 1-2	PARAGRAPH NUMBER: 1.3
RID SHORT TITLE:	functions, not resources (yet)
DESCRIPTION OF REQUESTED CHANGE: (U	se From: "" To "" format)
CATEGORY OF REQUESTED CHANGE:	
Technical Fact Recommend	ed X Editorial
	nge of sufficient magnitude as to e and unacceptable if not tionale is essential.) t would, if incorporated, produce ality and acceptance. actual error needing correction.
Technical Fact Recommend NOTES: TECHNICAL FACT: Major technical cha render the Recommendation inaccurat corrected. (Supporting analysis/ra RECOMMENDED: Change of a nature tha a marked improvement in document qu EDITORIAL: Typographical or other f	nge of sufficient magnitude as to e and unacceptable if not tionale is essential.) t would, if incorporated, produce ality and acceptance. actual error needing correction. ithout feedback to submitter.)

BMITTING ORGANIZATION (Agency, nter): NAS. Inter): /// (Agency, nter): VIEWER'S NAME: Eri DE: // (All ADDRESS: MAIL ADDRESS: eri LEPHONE: +1 CUMENT NUMBER: 901 CUMENT NAME: Fun TE ISSUED: 202 GE NUMBER: 1-2 D SHORT TITLE: Mor SCRIPTION OF REQUESTED CHANGE: (Use F: Dom: "a) Antenna;" to "a) Antenna Point SCRIPTION OF REQUESTED CHANGE: Technical Fact Recommended FEGORY OF REQUESTED CHANGE: Technical Fact Recommended Omm: "a) Antenna;" to "a) Antenna Point Mor SCRIPTION OF REQUESTED CHANGE: Technical Fact Recommended	JPL-EB-006 JPL Barkley barkley@jpl.nasa.gov 8.393.4972 -R-1 ional Resource Model 09/19 RAPH NUMBER: 1.3 complete naming m: "" To "" format)		
Atternet Eri VIEWER'S NAME: Eri DE: MAIL ADDRESS: eri MAIL ADDRESS: eri LEPHONE: +1 CUMENT NUMBER: 901 CUMENT NAME: Fun FE ISSUED: 202 GE NUMBER: 1-2 D SHORT TITLE: Mor SCRIPTION OF REQUESTED CHANGE: (Use F: Dm: "a) Antenna;" to "a) Antenna Point FEGORY OF REQUESTED CHANGE: Technical Fact Recommendation inaccurate and Scription of a nature that wor prected. (Supporting analysis/rational comment quality) COMMENDED: Change of a nature that wor marked improvement in document quality ITORIAL: TYpographical or other factual This type of change will be made without PORTING ANALYSIS: Tenna" by itself is a rather vague des Look at the FRs that are in SANA, I be SANA, I be	Barkley@jpl.nasa.gov 8.393.4972 -R-1 ional Resource Model 09/19 RAPH NUMBER: 1.3 complete naming m: "" To "" format)		
ZIEWER'S NAME: Eri DE: MAIL ADDRESS: eri MAIL ADDRESS: eri LEPHONE: +1 CUMENT NUMBER: 901 CUMENT NAME: Fun TE ISSUED: 202 GE NUMBER: 1-2 D SHORT TITLE: Mor SCRIPTION OF REQUESTED CHANGE: (Use F: Dm: "a) Antenna;" to "a) Antenna Point FEGORY OF REQUESTED CHANGE: Technical Fact Recommendation inaccurate and prected. COMMENDED: Change of a nature that wor marked improvement in document quality ITORIAL: TYpographical or other factual This type of change will be made without PORTING ANALYSIS: Itenna" by itself is a rather vague des Look at the FRs that are in SANA, I be SANA, I be	barkley@jpl.nasa.gov 8.393.4972 -R-1 ional Resource Model 09/19 RAPH NUMBER: 1.3 complete naming m: "" To "" format)		
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MAIL ADDRESS: eri MAIL ADDRESS: eri MAIL ADDRES: 901 LEPHONE: 901 CUMENT NUMBER: 901 CUMENT NAME: Fun TE ISSUED: 202 GE NUMBER: 1-2 D SHORT TITLE: Mor SCRIPTION OF REQUESTED CHANGE: (Use From: "a) Antenna;" to "a) Antenna Point D SHORT TITLE: Mor SCRIPTION OF REQUESTED CHANGE: (Use From: "a) Antenna;" to "a) Antenna Point D SHORT TITLE: Mor SCRIPTION OF REQUESTED CHANGE: (Use From: "a) Antenna;" to "a) Antenna Point D SHORT TITLE: Mor SCRIPTION OF REQUESTED CHANGE: (Use From: "a) Antenna Point D SHORT TITLE: Mor SCRIPTION OF REQUESTED CHANGE: (Use From: "a) Antenna Point TEGORY OF REQUESTED CHANGE: (Use From: "a) Antenna Point TEGORY OF REQUESTED CHANGE: (Use From: "a) Antenna Point TEGORY OF REQUESTED CHANGE: (Use From: "a) Antenna Point TEGORY OF REQUESTED CHANGE: (Use From: "a) Antenna Point CHNICAL FACT: Major technical change of a nature that wor COMMENDED: <t< td=""><td>8.393.4972 -R-1 ional Resource Model 09/19 RAPH NUMBER: 1.3 complete naming m: "" To "" format)</td></t<>	8.393.4972 -R-1 ional Resource Model 09/19 RAPH NUMBER: 1.3 complete naming m: "" To "" format)		
LEPHONE: +1 CUMENT NUMBER: 901 CUMENT NAME: Fun TE ISSUED: 202 GE NUMBER: 1-2 D SHORT TITLE: Mor SCRIPTION OF REQUESTED CHANGE: (Use F: Dom: "a) Antenna;" to "a) Antenna Point FEGORY OF REQUESTED CHANGE: Technical Fact Recommended 2 TES: CHNICAL FACT: Major technical change of ander the Recommendation inaccurate and orrected. CUMENDED: Change of a nature that word marked improvement in document quality ITORIAL: Typographical or other factual PORTING ANALYSIS: ntenna" by itself is a rather vague desilook at the FRs that are in SANA, I best	8.393.4972 -R-1 ional Resource Model 09/19 RAPH NUMBER: 1.3 complete naming m: "" To "" format)		
CUMENT NUMBER: 901 CUMENT NAME: Fun CUMENT NAME: Fun FE ISSUED: 202 GE NUMBER: 1-2 D SHORT TITLE: Mor SCRIPTION OF REQUESTED CHANGE: (Use F: form: "a) Antenna;" to "a) Antenna Point FEGORY OF REQUESTED CHANGE: Technical Fact Recommended 2 RES: CHNICAL FACT: Major technical change of andure the Recommendation inaccurate and orrected. (Supporting analysis/rational comment quality) COMMENDED: Change of a nature that word marked improvement in document quality ITORIAL: Typographical or other factual PORTING ANALYSIS: ntenna" by itself is a rather vague desilook at the FRs that are in SANA, I best	-R-1 ional Resource Model 09/19 RAPH NUMBER: 1.3 complete naming m: "" To "" format)		
CUMENT NAME: Fun FE ISSUED: 202 GE NUMBER: 1-2 D SHORT TITLE: Mor SCRIPTION OF REQUESTED CHANGE: (Use Freendamentation of the state of the s	ional Resource Model 09/19 RAPH NUMBER: 1.3 complete naming m: "" To "" format)		
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ntenna" by itself is a rather vague de look at the FRs that are in SANA, I be tter fits with what is actually defined	error needing correction.		
"Antenna" by itself is a rather vague definition of functionality. Taking a look at the FRs that are in SANA, I believe the suggested "TO" wording better fits with what is actually defined in terms of Antenna (actually "Aperture") FRs.			
SPOSITION:	error needing correction. feedback to submitter.) nition of functionality. Taking eve the suggested "TO" wording		
cepted: Document will be updated as rea	error needing correction. feedback to submitter.) nition of functionality. Taking eve the suggested "TO" wording		

| CCSDS RID NUMBER:14AGENCY RID NUMBER:NASA-JPL-EB-007SUBMITTING ORGANIZATION (Agency,
Center):NASA, JPLREVIEWER'S NAME:Erik BarkleyCODE:E-MAIL ADDRESS:erik.barkley@jpl.nasa.govTELEPHONE:+1 818.393.4972DOCUMENT NUMBER:901.3-R-1DOCUMENT NAME:Functional Resource ModelDATE ISSUED:2022/09/19PAGE NUMBER:1-4PARAGRAPH NUMBER:1-3RID SHORT TITLE:Keep to CCSDS terse styleDESCRIPTION OF REQUESTED CHANGE:(Use From: "" To "" format)Delete last paragraph of section ("The FRs in this Functional Resource Modelâ€;").
CATEGORY OF REQUESTED CHANGE:		
SUBMITTING ORGANIZATION (Agency, Center):NASA, JPLREVIEWER'S NAME:Erik BarkleyCODE:E-MAIL ADDRESS:erik.barkley@jpl.nasa.govTELEPHONE:+1 818.393.4972DOCUMENT NUMBER:901.3-R-1DOCUMENT NAME:Functional Resource ModelDATE ISSUED:2022/09/19PAGE NUMBER:1-4PARAGRAPH NUMBER:1-3RID SHORT TITLE:Keep to CCSDS terse styleDESCRIPTION OF REQUESTED CHANGE:(Use From: "" To "" format)Delete last paragraph of section ("The FRs in this Functional Resource Modelâ€!").		
Center): Erik Barkley REVIEWER'S NAME: Erik Barkley CODE: erik.barkley@jpl.nasa.gov E-MAIL ADDRESS: erik.barkley@jpl.nasa.gov TELEPHONE: +1 818.393.4972 DOCUMENT NUMBER: 901.3-R-1 DOCUMENT NAME: Functional Resource Model DATE ISSUED: 2022/09/19 PAGE NUMBER: 1-4 PARAGRAPH NUMBER: 1-3 RID SHORT TITLE: Keep to CCSDS terse style DESCRIPTION OF REQUESTED CHANGE: (Use From: "" To "" format) Delete last paragraph of section ("The FRs in this Functional Resource Modelâ€;").		
REVIEWER'S NAME: Erik Barkley CODE: erik.barkley@jpl.nasa.gov E-MAIL ADDRESS: erik.barkley@jpl.nasa.gov TELEPHONE: +1 818.393.4972 DOCUMENT NUMBER: 901.3-R-1 DOCUMENT NAME: Functional Resource Model DATE ISSUED: 2022/09/19 PAGE NUMBER: 1-4 PARAGRAPH NUMBER: 1-3 RID SHORT TITLE: Keep to CCSDS terse style DESCRIPTION OF REQUESTED CHANGE: (Use From: "" To "" format) Delete last paragraph of section ("The FRs in this Functional Resource Modelâ€;").		
CODE: erik.barkley@jpl.nasa.gov E-MAIL ADDRESS: erik.barkley@jpl.nasa.gov TELEPHONE: +1 818.393.4972 DOCUMENT NUMBER: 901.3-R-1 DOCUMENT NAME: Functional Resource Model DATE ISSUED: 2022/09/19 PAGE NUMBER: 1-4 PARAGRAPH NUMBER: 1-3 RID SHORT TITLE: Keep to CCSDS terse style DESCRIPTION OF REQUESTED CHANGE: (Use From: "" To "" format) Delete last paragraph of section ("The FRs in this Functional Resource Modelâ€!").		
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Delete last paragraph of section ("The FRs in this Functional Resource Model…").		
Model…").		
CATEGORY OF REQUESTED CHANGE:		
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TECHNICAL FACT: Major technical change of sufficient magnitude as to		
render the Recommendation inaccurate and unacceptable if not		
corrected. (Supporting analysis/rationale is essential.)		
RECOMMENDED: Change of a nature that would, if incorporated, produce		
a marked improvement in document quality and acceptance.		
EDITORIAL: Typographical or other factual error needing correction.		
(This type of change will be made without feedback to submitter.)		
SUPPORTING ANALYSIS:		
This is a discussion of what could be in the future, but not really the		
actual scoping. Potential future applications of the FRM could be		
considered in a separate annex at the end of the document.		
DISPOSITION:		
Accepted: Document will be updated as recommended.		

CCSDS RID NUMBER:	15
AGENCY RID NUMBER:	NASA-JPL-EB-008
SUBMITTING ORGANIZATION (Agency,	NASA, JPL
Center):	,
REVIEWER'S NAME:	Erik Barkley
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E-MAIL ADDRESS:	erik.barkley@jpl.nasa.gov
TELEPHONE:	+1 818.393.4972
DOCUMENT NUMBER:	901.3-R-1
DOCUMENT NAME:	Functional Resource Model
DATE ISSUED:	2022/09/19
PAGE NUMBER: 2-1	PARAGRAPH NUMBER: 2.1
RID SHORT TITLE:	Concept defintion vs concept usage
DESCRIPTION OF REQUESTED CHANGE: (U	Jse From: "" To "" format)
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CATEGORY OF REQUESTED CHANGE: Technical Fact Recommend	ded X Editorial
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Technical Fact Recommend NOTES: TECHNICAL FACT: Major technical char render the Recommendation inaccurat corrected. (Supporting analysis/ra RECOMMENDED: Change of a nature that a marked improvement in document que EDITORIAL: Typographical or other to	ange of sufficient magnitude as to the and unacceptable if not ationale is essential.) at would, if incorporated, produce mality and acceptance. Factual error needing correction.
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Technical Fact Recommend NOTES: TECHNICAL FACT: Major technical char render the Recommendation inaccurat corrected. (Supporting analysis/ra RECOMMENDED: Change of a nature that a marked improvement in document que EDITORIAL: Typographical or other of (This type of change will be made to SUPPORTING ANALYSIS: This paragraph discusses a usage of this is supposed to be about the con- model per se and not its usage. The	ange of sufficient magnitude as to the and unacceptable if not ationale is essential.) at would, if incorporated, produce mality and acceptance. Eactual error needing correction. without feedback to submitter.) The functional resource model but more functional resource paragraph does not add to any burce model concept.

CCSDS RID NUMBER:		16	
		NASA-JPL-EB-009	
AGENCY RID NUMBER: SUBMITTING ORGANIZATION (Agency,		NASA-JPL-EB-009 NASA, JPL	
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REVIEWER'S NAME:		Frik Parklau	
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DOCUMENT NUMBER:		901.3-R-1	
DOCUMENT NOMBER:		Functional Resource Model	
DATE ISSUED:		2022/09/19	
PAGE NUMBER:	2-3	PARAGRAPH NUMBER: 2.2.1	
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	MESTED CHANGE! (U	se From: "" To "" format)	
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<pre>TECHNICAL FACT: Major technical change of sufficient magnitude as to render the Recommendation inaccurate and unacceptable if not corrected. (Supporting analysis/rationale is essential.) RECOMMENDED: Change of a nature that would, if incorporated, produce a marked improvement in document quality and acceptance. EDITORIAL: Typographical or other factual error needing correction. (This type of change will be made without feedback to submitter.)</pre>			
SUPPORTING ANALYSIS: This is more about the usage/application of the FRM for things like SM			
Configuration Profile. the title for this section is "FUNCTIONAL RESOURCES AS ABSTRACTIONS OF REAL RESOURCES". the discussion with regard to usage does not really add anything to the concept of the functional resource per se. it will probably make more sense to have an annex that outlines the application of the FRM relative to other CCSDS efforts			
DISPOSITION:			
Accepted: Document will be updated as recommended.			