

IRD Class - ECS/SAGE III Requirements
CCR 96-1125A

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IRD_id	req_key	source interface	destination interface	text
<u>SAGEM0010</u>	<u>_new</u>	<u>SAGE III MOC</u>	<u>ECS</u>	<u>SAGE III Mission Operations Center shall have the capability to provide and ECS at the LaRC DAAC shall have the capability to receive notification of data availability using an agreed protocol.</u>
<u>SAGEM0020</u>	<u>_new</u>	<u>ECS</u>	<u>SAGE III MOC</u>	<u>ECS at the LaRC DAAC shall have the capability to provide and SAGE III Mission Operations Center shall have the capability to receive acknowledgements of receipt of file transfers using an agreed protocol.</u>
<u>SAGEM0030</u>	<u>_new</u>	<u>SAGE III MOC</u>	<u>ECS</u>	<u>SAGE III Mission Operations Center shall have the capability to send and ECS at the LaRC DAAC shall have the capability to receive SAGE III metadata with an agreed upon format and content using an agreed file transfer protocol.</u>
<u>SAGEM0040</u>	<u>_new</u>	<u>SAGE III MOC</u>	<u>ECS</u>	<u>SAGE III Mission Operations Center shall have the capability to send and ECS at the LaRC DAAC shall have the capability to receive SAGE III Level 0 data as defined by CCSDS/EDOS format using an agreed file transfer protocol.</u>
<u>SAGEM0050</u>	<u>_new</u>	<u>SAGE III MOC</u>	<u>ECS</u>	<u>SAGE III Mission Operations Center shall have the capability to send and ECS at the LaRC DAAC shall have the capability to receive definitive orbit data using an agreed file transfer protocol.</u>
<u>SAGEM1010</u>	<u>_new</u>	<u>SAGE III MOC</u>	<u>ECS</u>	<u>SAGE III Mission Operations Center shall have the capability to interface with ECS at the LaRC DAAC using an agreed upon authorization and authentication protocol.</u>
<u>SAGEM1020</u>	<u>_new</u>	<u>ECS</u>	<u>SAGE III MOC</u>	<u>ECS at the LaRC DAAC shall have the capability to interface with SAGE III Mission Operations Center using an agreed upon authorization and authentication protocol.</u>
<u>SAGEM2010</u>	<u>_new</u>	<u>ECS</u>	<u>SAGE III MOC</u>	<u>The ECS within the LaRC DAAC shall have the capacity to support the data volumes as defined in Appendix A of this document.</u>

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paragraph_id	req-key	segment_allocation	req_type	req_category	s_verification_method	s_verification_status	a_verification_method	a_verification_status	clarification	text
<u>SAGEM0010#</u> <u>B</u>	<u>new</u>	<u>SDPS</u>	<u>interface</u>	<u>mission essential</u>	<u>test</u>	<u>un-verified</u>	<u>test</u>	<u>un-verified</u>		<u>SAGE III Mission Operations Center have the capability to provide and EC the LaRC DAAC shall have the capital to receive notification of data available using an agreed protocol.</u>
<u>SAGEM0020#</u> <u>B</u>	<u>new</u>	<u>SDPS</u>	<u>interface</u>	<u>mission essential</u>	<u>test</u>	<u>un-verified</u>	<u>test</u>	<u>un-verified</u>		<u>ECS at the LaRC DAAC shall have the capability to provide and SAGE III Mission Operations Center shall have capability to receive acknowledgement receipt of file transfers using an agreed protocol.</u>
<u>SAGEM0030#</u> <u>B</u>	<u>new</u>	<u>SDPS</u>	<u>interface</u>	<u>mission essential</u>	<u>test</u>	<u>un-verified</u>	<u>test</u>	<u>un-verified</u>		<u>SAGE III Mission Operations Center have the capability to send and ECS a LaRC DAAC shall have the capability receive SAGE III metadata with an agreed upon format and content using an agreed transfer protocol.</u>
<u>SAGEM0040#</u> <u>B</u>	<u>new</u>	<u>SDPS</u>	<u>interface</u>	<u>mission essential</u>	<u>test</u>	<u>un-verified</u>	<u>test</u>	<u>un-verified</u>		<u>SAGE III Mission Operations Center have the capability to send and ECS a LaRC DAAC shall have the capability receive SAGE III Level 0 data as defined in CCSDS/EDOS format using an agreed transfer protocol.</u>
<u>SAGEM0050#</u> <u>B</u>	<u>new</u>	<u>SDPS</u>	<u>interface</u>	<u>mission essential</u>	<u>test</u>	<u>un-verified</u>	<u>test</u>	<u>un-verified</u>		<u>SAGE III Mission Operations Center have the capability to send and ECS a LaRC DAAC shall have the capability receive definitive orbit data using an agreed file transfer protocol.</u>

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<u>SAGEM1010#</u> B	<u>new</u>	<u>SDPS</u>	<u>interface, security</u>	<u>mission essential</u>	<u>test</u>	<u>un-verified</u>	<u>test</u>	<u>un-verified</u>	<u>ECS initiates this interface by opening a password protected ftp connection with the SAGE III MOC.</u>	<u>SAGE III Mission Operations Center have the capability to interface with E the LaRC DAAC using an agreed upon authorization and authentication protocol.</u>
<u>SAGEM1020#</u> B	<u>new</u>	<u>SDPS</u>	<u>security</u>	<u>mission essential</u>	<u>test</u>	<u>un-verified</u>	<u>test</u>	<u>un-verified</u>	<u>ECS initiates this interface by opening a password protected ftp connection with the SAGE III MOC.</u>	<u>ECS at the LaRC DAAC shall have the capability to interface with SAGE III Mission Operations Center using an agreed upon authorization and authentication protocol.</u>
<u>SAGEM2010#</u> B	<u>new</u>	<u>SDPS</u>	<u>functional</u>	<u>mission essential</u>	<u>test</u>	<u>un-verified</u>	<u>test</u>	<u>un-verified</u>	<u>In this requirement, the phrase "this document" is referring to the ECS/SAGE III IRD.</u>	<u>The ECS within the LaRC DAAC shall have the capacity to support the data volumes as defined in Appendix A of document.</u>

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paragraph_id	req_key	segment_allocation	req_type	req_category	s_verification_method	s_verification_status	a_verification_method	a_verification_status	clarification	text	L4 id	req_key	rel	t
<u>SAGEM0010#</u> <u>B</u>	<u>new</u>	<u>SDPS</u>	<u>interface</u>	<u>mission essential</u>	<u>test</u>	<u>un-verified</u>	<u>test</u>	<u>un-verified</u>		<u>SAGE III Mission Operations Center shall have the capability to provide and ECS at the LaRC DAAC shall have the capability to receive notification of data availability using an agreed protocol.</u>	<u>S-INS-00070</u>	4031	A	7 c I I N
<u>SAGEM0010#</u> <u>B</u>											<u>S-INS-00080</u>	4032	A	7 c s E
<u>SAGEM0010#</u> <u>B</u>											<u>S-INS-00090</u>	4033	A	7 c E
<u>SAGEM0020#</u> <u>B</u>	<u>new</u>	<u>SDPS</u>	<u>interface</u>	<u>mission essential</u>	<u>test</u>	<u>un-verified</u>	<u>test</u>	<u>un-verified</u>		<u>ECS at the LaRC DAAC shall have the capability to provide and SAGE III Mission Operations Center shall have the capability to receive acknowledgements of receipt of file transfers using an agreed protocol.</u>	<u>S-INS-00085</u>	4934	A	7 i t i E r

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<u>SAGEM0030#</u> <u>B</u>	<u>ne</u> <u>w</u>	<u>SDPS</u>	<u>interfa</u> <u>ce</u>	<u>mission</u> <u>essential</u>	<u>test</u>	<u>un-</u> <u>verified</u>	<u>test</u>	<u>un-</u> <u>verified</u>		<u>SAGE III Mission Operations Center shall have the capability to send and ECS at the LaRC DAAC shall have the capability to receive SAGE III metadata with an agreed upon format and content using an agreed file transfer protocol.</u>	<u>S-INS-</u> <u>00850</u>	9459	B	7 t
<u>SAGEM0040#</u> <u>B</u>	<u>ne</u> <u>w</u>	<u>SDPS</u>	<u>interfa</u> <u>ce</u>	<u>mission</u> <u>essential</u>	<u>test</u>	<u>un-</u> <u>verified</u>	<u>test</u>	<u>un-</u> <u>verified</u>		<u>SAGE III Mission Operations Center shall have the capability to send and ECS at the LaRC DAAC shall have the capability to receive SAGE III Level 0 data as defined by CCSDS/EDOS format using an agreed file transfer protocol.</u>	<u>S-INS-</u> <u>00850</u>	9459	B	7 t
<u>SAGEM0050#</u> <u>B</u>	<u>ne</u> <u>w</u>	<u>SDPS</u>	<u>interfa</u> <u>ce</u>	<u>mission</u> <u>essential</u>	<u>test</u>	<u>un-</u> <u>verified</u>	<u>test</u>	<u>un-</u> <u>verified</u>		<u>SAGE III Mission Operations Center shall have the capability to send and ECS at the LaRC DAAC shall have the capability to receive definitive orbit data using an agreed file transfer protocol.</u>	<u>S-INS-</u> <u>00850</u>	9459	B	7 t

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SAGEM1010# B	<u>new</u>	<u>SDPS</u>	<u>security</u>	<u>mission essential</u>	<u>test</u>	<u>un-verified</u>	<u>test</u>	<u>un-verified</u>	ECS initiates this interface by opening a password protected ftp connection with the SAGE III MOC	<u>SAGE III Mission Operations Center shall have the capability to interface with ECS at the LaRC DAAC using an agreed upon authorization and authentication protocol.</u>	<u>C-CSS-60520</u>	2349	IR1	7 E
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<u>SAGEM1020#</u> B	<u>new</u>	<u>SDPS</u>	<u>security</u>	<u>mission essential</u>	<u>test</u>	<u>un-verified</u>	<u>test</u>	<u>un-verified</u>	<u>ECS interfaces this interface by opening a password protected ftp connection with the SAGE III MOC.</u>	<u>ECS at the LaRC DAAC shall have the capability to interface with SAGE III Mission Operations Center using an agreed upon authorization and authentication protocol.</u>	<u>C-CSS-60520</u>	2349	IR1	7 E
<u>SAGEM2010#</u> B	<u>new</u>	<u>SDPS</u>	<u>functional</u>	<u>mission essential</u>	<u>test</u>	<u>un-verified</u>	<u>test</u>	<u>un-verified</u>	<u>In this requirement, the phrase "this document" is referring to the ECS/SAGE III IRD.</u>	<u>The ECS within the LaRC DAAC shall have the capacity to support the data volumes as defined in Appendix A of this document.</u>	<u>S-INS-61140</u>	9542	B	7 i s 7 c

