API Changes							
Method name	Old value (800)	New value (810)	Marked backward compatible in 800	Interface (800)	Interface (810)	Rationale for change	Impact
Added Optional Arguments							
	NI/A	ania Ota al-Oi	NI-	47.4.05	47.4.05	Allow user to specify the minimum size of stack size for the created	No increase
ESMF_GridCompSetVMMaxPEs ESMF_GridCompSetVMMaxPEs	N/A N/A	minStackSize openMpHandling	No	17.4.25 17.4.25	17.4.25	Pthread executing as PET. Provide control over ESMF-aware OpenMP threading.	No impact.
SMF_GridCompSetVMMaxPEs	N/A	openMpNumThreads	No	17.4.25	17.4.25	OpenMP threads in the team running under each PET.	No impact.
			No	17.4.26	17.4.26	Allow user to specify the minimum size of stack size for the created	
SMF_GridCompSetVMMaxThreads		minStackSize				Pthread executing as PET. Allow user to specify the minimum size of stack size for the created	No impact.
SMF_GridCompSetVMMinThreads SMF_CplCompSetVMMaxPEs	N/A N/A	minStackSize minStackSize	No No	18.4.25	17.4.27	Pthread executing as PET. Allow user to specify the minimum size of stack size for the created Pthread executing as PET.	No impact.
ESMF_CplCompSetVMMaxThreads	N/A	minStackSize	No	18.4.26	18.4.26	Allow user to specify the minimum size of stack size for the created Pthread executing as PET.	No impact.
= · · · · · · · · · · · · · · · · · · ·	N/A	minStackSize	No	18.4.27	18.4.27	Allow user to specify the minimum size of stack size for the created Pthread executing as PET.	No impact.
ESMF_StateCreate	N/A	vm	Yes	21.7.6	21.7.6	Support object creation on a different VM than that of the current context.	No impact.
ESMF StateDestroy	N/A	noGarbage	Yes	21.7.7	21.7.7	Allow an object to be completely destroyed without leaving a remnant in the garbage collection.	No impact.
ESMF_RegridWeightGen	N/A	rhFile	No	24.3.1	24.3.1	Allow for writing an ESMF_RouteHandle to file.	No impact.
ESMF_FieldBundleRedistStore	N/A	ignoreUnmatchedIndicesFlag	Yes	25.5.22	25.5.22	Support cases where source and destination side do not cover the exact same index space.	No Impact
ESMF_FieldBundleRedistStore	N/A	ignoreUnmatchedIndicesFlag	Yes	25.5.23	25.5.23	Support cases where source and destination side do not cover the exact same index space.	No Impact
SMF FieldBundleSMM	N/A	zeroregionflag	Yes	25.5.33	25.5.33	Replacing the deprecated 'zeroregion' argument, providing greater flexibility in setting the zero region for individual bundle members.	
ESMF FieldBundleSMMStore	N/A	ignoreUnmatchedIndicesFlag	Yes	25.5.35	25.5.35	Support cases where source and destination side do not cover the exact same index space.	No Impact
-						Support cases where source and destination side do not cover the	
SMF_FieldBundleSMMStore	N/A	ignoreUnmatchedIndicesFlag	Yes	25.5.36	25.5.36	exact same index space. Support cases where source and destination side do not cover the	No Impact
SMF_FieldBundleSMMStore	N/A	ignoreUnmatchedIndicesFlag	No	25.5.37	25.5.37	exact same index space. Support DE sharing between PETs on the same single system image	No Impact
ESMF_FieldCreate	N/A	pinflag	Yes	26.6.5	26.6.5	(SSI). Support DE sharing between PETs	No impact.
ESMF_FieldCreate	N/A	pinflag	Yes	26.6.6	26.6.6	on the same single system image (SSI).	No impact.

API Changes							
<u>-</u>			Marked backward compatible in				
Method name	Old value (800)	New value (810)	800	Interface (800)	Interface (810)	Rationale for change	Impact
ESMF_FieldCreate	N/A	pinflag	No	26.6.10	26.6.10	Support DE sharing between PETs on the same single system image (SSI).	No impact.
ESMF_FieldCreate	N/A	pinflag	No	26.6.11	26.6.11	Support DE sharing between PETs on the same single system image (SSI).	No impact.
ESMF_FieldCreate	N/A	pinflag	No	26.6.15	26.6.15	Support DE sharing between PETs on the same single system image (SSI).	No impact.
ESMF_FieldCreate	N/A	indexflag	No	26.6.15	26.6.15	To be consistent with the other FieldCreate APIs that take indexflag as an argument.	No impact
ESMF FieldCreate	N/A	pinflag	No	26.6.16	26.6.16	Support DE sharing between PETs on the same single system image (SSI).	No impact.
				26.6.16	26.6.16	To be consistent with the other FieldCreate APIs that take	
ESMF_FieldCreate	N/A	indexflag	No			indexflag as an argument. Support DE sharing between PETs on the same single system image	No impact.
ESMF_FieldCreate	N/A	pinflag	No	26.6.20	26.6.20	(SSI). Support DE sharing between PETs on the same single system image	No impact.
ESMF_FieldCreate	N/A	pinflag	No	26.6.21	26.6.21	(SSI). To be consistent with the other FieldCreate APIs that take	No impact.
ESMF_FieldEmptySet	N/A	indexflag	No	26.6.40	26.6.40	indexflag as an argument. Support DE sharing between PETs on the same single system image	No impact.
ESMF_FieldGet	N/A	localarrayList	Yes	26.6.45	26.6.45	(SSI). Support DE sharing between PETs on the same single system image	No impact.
ESMF_FieldGet	N/A	ssiLocalDeCount	Yes	26.6.45	26.6.45	(SSI). Support DE sharing between PETs	No impact.
ESMF_FieldGet	N/A	IocalDEToDeMap	Yes	26.6.45	26.6.45	on the same single system image (SSI). Allow users to query global and	No impact.
ESMF FieldGet	N/A	minIndex	Yes	26.6.45	26.6.45	PET local bound information such as their usage with HDF5 IO and in other situation where the bounds information will be useful.	No impact.
Zom _nodoct	10/2	THE INCOME.	100	20.0.10	20.0.10	Allow users to query global and PET local bound information such as their usage with HDF5 IO and	TVO III pass.
ESMF_FieldGet	N/A	maxIndex	Yes	26.6.45	26.6.45	in other situation where the bounds information will be useful. Allow users to query global and	No impact.
ESMF FieldGet	N/A	elementCount	Yes	26.6.45	26.6.45	PET local bound information such as their usage with HDF5 IO and in other situation where the bounds information will be useful.	No impact.
						Allow users to query global and PET local bound information such as their usage with HDF5 IO and in other situation where the	
ESMF_FieldGet	N/A	localMinIndex	Yes	26.6.45	26.6.45	bounds information will be useful.	No impact.
						Allow users to query global and PET local bound information such as their usage with HDF5 IO and in other situation where the	
ESMF_FieldGet	N/A	localMaxIndex	Yes	26.6.45	26.6.45	bounds information will be useful.	No impact.

API Changes			Marked				
Mathed and	014 -1 (222)	N (615)	backward compatible in	1.4.5(222)	1.1.4.4.1945	Button de Cont	
Method name	Old value (800)	New value (810)	800	Interface (800)	Interface (810)	Rationale for change Allow users to query global and	Impact
FOME FieldCot	N/A	localElementCount	Yes	26.6.45	26.6.45	PET local bound information such as their usage with HDF5 IO and in other situation where the bounds information will be useful.	No impact.
ESMF_FieldGet	IN/A	localElementCount	res	20.0.45	20.0.45	Allow users to optionally turn on	No impact.
ESMF_FieldRegridStore	N/A	checkflag	Yes	26.6.60	26.6.60	more expensive error checking.	No Impact
ESMF ArrayBundleRedistStore	N/A	ignoreUnmatchedIndicesFlag	Yes	27.5.19	27.5.19	Support cases where source and destination side do not cover the exact same index space.	No Impact
	1471	ignoree index		27.0.10	21.0.10	Support cases where source and	Tro Impaor
ESMF_ArrayBundleRedistStore	N/A	ignoreUnmatchedIndicesFlag	Yes	27.5.20	27.5.20	destination side do not cover the exact same index space.	No Impact
						Replacing the deprecated 'zeroregion' argument, providing greater flexibility in setting the zero region for individual bundle	
ESMF_ArrayBundleSMM	N/A	zeroregionflag	Yes	27.5.23	27.5.23	members.	No Impact
ESMF_ArrayBundleSMMStore	N/A	ignoreUnmatchedIndicesFlag	Yes	27.5.25	27.5.25	Support cases where source and destination side do not cover the exact same index space.	No Impact
						Support cases where source and destination side do not cover the	·
ESMF_ArrayBundleSMMStore ESMF_ArrayCreate	N/A N/A	ignoreUnmatchedIndicesFlag datacopyflag	Yes	27.5.26 28.5.15	27.5.26 28.5.15	exact same index space. Allow to select between different copy options.	No Impact
ESMF_ArrayCreate	N/A	delayout	Yes	28.5.15	28.5.15	Provide a way to easily change the underlying DE -> PET mapping when creating a new Array from an existing Array.	
ESMF LocStreamDestroy	N/A	noGarbage	Yes	32.4.15	32.4.15	Allow an object to be completely destroyed without leaving a remnant in the garbage collection.	No impact.
ESIMIP_LOCSHEARINDESHOY	IV/A	noGarbage	165	32.4.13	32.4.13	Allow a name to specified for a	No impact.
ESMF_MeshCreate	N/A	name	No	33.4.6	33.4.6	Mesh.	No impact.
ESMF_MeshCreate	N/A	name	No	33.4.7	33.4.7	Allow a name to specified for a Mesh. Allow a name to specified for a	No impact.
ESMF_MeshCreate	N/A	name	No	33.4.8	33.4.8	Mesh.	No impact.
ESMF_MeshCreate	N/A	name	No	33.4.9	33.4.9	Allow a name to specified for a Mesh.	No impact.
ESMF_MeshCreate	N/A	name	No	33.4.10	33.4.10	Allow a name to specified for a Mesh. Allow a name to specified for a	No impact.
ESMF_MeshCreate	N/A	name	No	33.4.13	33.4.13	Mesh.	No impact.
ESMF MeshDestroy	N/A	noGarbage	Yes	33.4.14	33.4.14	Allow an object to be completely destroyed without leaving a remnant in the garbage collection.	No impact.
		54.2490				Allow a name to specified for a	
ESMF_MeshEmptyCreate	N/A	name	No	33.4.15	33.4.15	Mesh. Allow an object to be completely	No impact.
ESMF_XGridDestroy	N/A	noGarbage	Yes	34.6.7	34.6.7	destroyed without leaving a remnant in the garbage collection. Support explicit selection between	No impact.
ESMF_DistGridCreate	N/A	indexTK	Yes	35.6.6	35.6.6	32-bit and 64-bit sequence indices. Support explicit selection between	·
ESMF_DistGridCreate	N/A	indexTK	Yes	35.6.7	35.6.7	32-bit and 64-bit sequence indices. Provide access to 64-bit	No impact.
ESMF_DistGridGet	N/A	elementCountPTileI8	Yes	35.6.15	35.6.15	information. Provide access to 64-bit Provide access to 64-bit	No impact.
ESMF_DistGridGet	N/A	elementCountPDeI8	Yes	35.6.15	35.6.15	information.	No impact.

		Mayland				
Old value (800)	New value (810)	backward compatible in	Interface (800)	Interface (810)	Rationale for change	Impact
	,				Allow the user to query the indexing scheme used by the	•
N/A	indextiag	Yes	35.6.15	35.6.15		No impact.
N/A	indexTK	Yes	35.6.15	35.6.15		No impact.
N/A	seqIndexListI8	Yes	35.6.16	35.6.16	information.	No impact.
N/A	elementCountI8	Yes	35.6.16	35.6.16	information.	No impact.
NZA	augus at Cai Da	V	10.5.10	40.0.40	SSI-local PE number on which the	No impost
N/A	currentSsiPe	res	49.5.16	49.0.18		No impact.
N/A	ssiMap	Yes	49.5.16	49.6.18	information.	No impact. No impact.
					Streamline Attribute interface to	·
N/A	attrList	No	39.11.1	55.0.5	work efficiently with Info back end.	No impact.
N/A	nestConvention	No	39.11.2	55.0.6	work efficiently with Info back end.	No impact.
N/A	nestPurpose	No	39.11.3	55.0.7	work efficiently with Info back end.	No impact.
N/A	attnestflag	No	39.11.35	55.0.17	Streamline Attribute interface to work efficiently with Info back end.	No impact.
N/A	attnestflag	No	39.11.36	55.0.18	Streamline Attribute interface to work efficiently with Info back end.	No impact.
					Streamline Attribute interface to work efficiently with Info back end,	, and the second
N/A	itemcount	No	39.11.37	55.0.19	this argument is a noop.	No impact.
N/A	attnestflag	No	39.11.37	55.0.19	work efficiently with Info back end, this argument is a noop.	No impact.
N/A	attnestflag	No	39 11 39	55.0.20	work efficiently with Info back end,	No impact.
	attiootilag		00111100	00.0.20	Streamline Attribute interface to	Tro impaosi
N/A	itemcount	No	39.11.40	55.0.21	this argument is a noop.	No impact.
					work efficiently with Info back end,	
N/A	attnestflag	No	39.11.40	55.0.21	this argument is a noop. Streamline Attribute interface to	No impact.
NI/A	itomoount	No	20 11 42	55 O 22	work efficiently with Info back end,	No impact.
IN/A	itemcount	NO	39.11.42	55.0.22	Streamline Attribute interface to	No impact.
N/A	attnestflag	No	39.11.42	55.0.22	this argument is a noop.	No impact.
					Allow the option of running the	
not optional	optional	No	24.3.1 ESMF_RegridWeightGen	24.3.1	method without writing weights to a file.	No Impact.
no target	target	Yes	27.5.23 ESMF ArrayBundleSMM	27.5.23	The internal implementation requires a dummy argument with 'target' attribute.	No Impact.
			<u> </u>		Support easier use when calling	·
not optional	optional	Yes	49.5.10 ESMF_VMBarrier	49.6.10	on the current VM.	No Impact.
	N/A	N/A indexflag N/A indexTK N/A seqIndexListl8 N/A elementCountl8 N/A currentSsiPe N/A ssiMap N/A attrList N/A nestConvention N/A attnestflag N/A itemcount N/A attnestflag N/A itemcount N/A itemcount N/A itemcount N/A attnestflag N/A itemcount N/A attnestflag	Old value (800) New value (810) compatible in 300 N/A indexflag Yes N/A indexTK Yes N/A seqIndexListI8 Yes N/A seqIndexListI8 Yes N/A elementCountI8 Yes N/A currentSsiPe Yes N/A ssiMap Yes N/A attrList No N/A nestConvention No N/A nestPurpose No N/A attnestflag No N/A itemcount No N/A attnestflag No N/A itemcount No N/A attnestflag No N/A attnestflag No N/A attnestflag No N/A attnestflag	New value (810) New value (810) New value (810) Interface (800) Interface (800)	Did value (800) New value (810) Substitute (800) Interface (800) Interface (810)	Dackward compatible in Interface (800) Interface (801) Int

API Changes							
Method name	Old value (800)	New value (810)	Marked backward compatible in 800	Interface (800)	Interface (810)	Rationale for change	Impact
ESMF StateReconcile	attreconflag	N/A	No	21.7.14	21.7.14	The ESMF_Attribute class was replaced with ESMF_Info, and this	If this flag was specified it should be removed.
ESMF AttributeGet	attPackInstanceName	N/A	No	39.11.11	55.0.9	The ESMF_Attribute class was replaced with ESMF_Info, and this is no longer needed.	
_AttributeOct	atti ackinstancervame	IV/A	INO	00.11.11	33.0.3	The ESMF_Attribute class was replaced with ESMF_Info, and this	
ESMF_AttributeGet	attPackInstanceName	N/A	No	39.11.13	55.0.10	is no longer needed. The ESMF_Attribute class was replaced with ESMF_Info, and this	be removed.
ESMF_AttributeGetAttPack	attPackInstanceName	N/A	No	39.11.23	55.0.16	is no longer needed. The ESMF Attribute class was	be removed.
ESMF_AttributeRemove	attPackInstanceName	N/A	No	39.11.36	55.0.18	replaced with ESMF_Info, and this is no longer needed.	If this flag was specified it should be removed.
ESMF_AttributeSet	attPackInstanceName	N/A	No	39.11.40	55.0.21	The ESMF_Attribute class was replaced with ESMF_Info, and this is no longer needed.	If this flag was specified it should be removed.
ESMF AttributeSet	attPackInstanceName	N/A	No	39.11.42	55.0.22	The ESMF_Attribute class was replaced with ESMF_Info, and this is no longer needed.	If this flag was specified it should be removed.
ESMF AttributeUpdate	reconcile	N/A	No	39.11.43	55.0.23	The ESMF_Attribute class was replaced with ESMF_Info, and this is no longer needed.	If this flag was specified it should be removed.
-						Ŭ	
Deprecated Arguments							No immediate impact. However,
ESMF FieldBundleSMM	zeroregion			25.5.33	25.5.33	The new argument 'zeroregionflag', providing greater flexibility was introduced	user code that uses the 'zeroregion' argument should be migrated to using the 'zeroregionflag' argument instead.
						The new argument 'zeroregionflag', providing greater	No immediate impact. However, user code that uses the 'zeroregion' argument should be migrated to using the
ESMF_ArrayBundleSMM	zeroregion			27.5.23	27.5.23	flexibility was introduced	'zeroregionflag' argument instead.
Argument Intent Changes							
ESMF AttributeAdd	intent(inout) attpack	intent(out) attpack	No	39.11.1	55.0.5	Accidental change of the intent(). This change will be reverted in the next release.	No impact.
	onquiesty support				5503	Accidental change of the intent().	If the actual argument provided by the caller is a dummy argument with intent(out), the compiler might flag an intent() incompatibility. One way to fix this situation is to introduce a local variable to pass in as the actual argument, and after the call copy
ESMF_AttributeAdd	intent(out) rc	intent(inout) rc	No	39.11.1	55.0.5	This change will be reverted in the next release.	it back into the intent(out) dummy variable.

API Changes							
			Marked backward compatible in				
Method name	Old value (800)	New value (810)	800	Interface (800)	Interface (810)	Rationale for change	Impact
ESMF_AttributeGet	intent(out) rc	intent(inout) rc	No	39.11.7	55.0.7	Accidental change of the intent(). This change will be reverted in the next release.	If the actual argument provided by the caller is a dummy argument with intent(out), the compiler might flag an intent() incompatibility. One way to fix this situation is to introduce a local variable to pass in as the actual argument, and after the call copy it back into the intent(out) dummy variable.
ESMF_AttributeGet	intent(out) rc	intent(inout) rc	No	39.11.9	55.0.8	Accidental change of the intent(). This change will be reverted in the next release.	If the actual argument provided by the caller is a dummy argument with intent(out), the compiler might flag an intent() incompatibility. One way to fix this situation is to introduce a local variable to pass in as the actual argument, and after the call copy it back into the intent(out) dummy variable.
ESMF_AttributeGet	intent(out) rc	intent(inout) rc	No	39.11.11	55.0.9	Accidental change of the intent(). This change will be reverted in the next release.	If the actual argument provided by the caller is a dummy argument with intent(out), the compiler might flag an intent() incompatibility. One way to fix this situation is to introduce a local variable to pass in as the actual argument, and after the call copy it back into the intent(out) dummy variable.
ESMF_AttributeGet	intent(out) rc	intent(inout) rc	No	39.11.13	55.0.10	Accidental change of the intent(). This change will be reverted in the next release.	If the actual argument provided by the caller is a dummy argument with intent(out), the compiler might flag an intent() incompatibility. One way to fix this situation is to introduce a local variable to pass in as the actual argument, and after the call copy it back into the intent(out) dummy variable.
ESMF_AttributeGet	intent(out) rc	intent(inout) rc	No	39.11.15	55.0.11	Accidental change of the intent(). This change will be reverted in the next release.	If the actual argument provided by the caller is a dummy argument with intent(out), the compiler might flag an intent() incompatibility. One way to fix this situation is to introduce a local variable to pass in as the actual argument, and after the call copy it back into the intent(out) dummy variable.
ESMF_AttributeGet	intent(out) count	intent(inout) count	No	39.11.16	55.0.12	Accidental change of the intent(). This change will be reverted in the next release.	If the actual argument provided by the caller is a dummy argument with intent(out), the compiler might flag an intent() incompatibility. One way to fix this situation is to introduce a local variable to pass in as the actual argument, and after the call copy it back into the intent(out) dummy variable.

API Changes							
Method name	Old value (800)	New value (810)	Marked backward compatible in 800	Interface (800)	Interface (810)	Rationale for change	Impact
ESMF_AttributeGet	intent(out) rc	intent(inout) rc	No	39.11.16	55.0.13	Accidental change of the intent(). This change will be reverted in the next release.	If the actual argument provided by the caller is a dummy argument with intent(out), the compiler might flag an intent() incompatibility. One way to fix this situation is to introduce a local variable to pass in as the actual argument, and after the call copy it back into the intent(out) dummy variable.
ESMF_AttributeGet	intent(out) rc	intent(inout) rc	No	39.11.18	55.0.14	Accidental change of the intent(). This change will be reverted in the next release.	If the actual argument provided by the caller is a dummy argument with intent(out), the compiler might flag an intent() incompatibility. One way to fix this situation is to introduce a local variable to pass in as the actual argument, and after the call copy it back into the intent(out) dummy variable.
ESMF_AttributeGet	intent(out) rc	intent(inout) rc	No	39.11.20	55.0.15	Accidental change of the intent(). This change will be reverted in the next release.	If the actual argument provided by the caller is a dummy argument with intent(out), the compiler might flag an intent() incompatibility. One way to fix this situation is to introduce a local variable to pass in as the actual argument, and after the call copy it back into the intent(out) dummy variable.
ESMF AttributeRemove	intent(out) rc	intent(inout) rc	No	39.11.35	55.0.17	Accidental change of the intent(). This change will be reverted in the next release.	If the actual argument provided by the caller is a dummy argument with intent(out), the compiler might flag an intent() incompatibility. One way to fix this situation is to introduce a local variable to pass in as the actual argument, and after the call copy it back into the intent(out) dummy variable.
ESMF_AttributeRemove	intent(out) rc	intent(inout) rc	No	39.11.36	55.0.18	Accidental change of the intent(). This change will be reverted in the next release.	If the actual argument provided by the caller is a dummy argument with intent(out), the compiler might flag an intent() incompatibility. One way to fix this situation is to introduce a local variable to pass in as the actual argument, and after the call copy it back into the intent(out) dummy variable.
ESMF_AttributeSet	intent(out) rc	intent(inout) rc	No	39.11.37	55.0.19	Accidental change of the intent(). This change will be reverted in the next release.	If the actual argument provided by the caller is a dummy argument with intent(out), the compiler might flag an intent() incompatibility. One way to fix this situation is to introduce a local variable to pass in as the actual argument, and after the call copy it back into the intent(out) dummy variable.
ESMF_AttributeSet	intent(in) attpack	intent(inout) attpack	No	39.11.39	55.0.20	Accidental change of the intent(). This change will be reverted in the next release.	No impact.

API Changes							
·			Marked backward compatible in				
Method name	Old value (800)	New value (810)	800	Interface (800)	Interface (810)	Rationale for change	Impact
FOME ANY LOCAL				20.44.00	55.000	Accidental change of the intent(). This change will be reverted in the	
ESMF_AttributeSet	intent(out) rc	intent(inout) rc	No	39.11.39	55.0.20	Accidental change of the intent(). This change will be reverted in the	variable. If the actual argument provided by the caller is a dummy argument with intent(out), the compiler might flag an intent() incompatibility. One way to fix this situation is to introduce a local variable to pass in as the actual argument, and after the call copy it back into the intent(out) dummy
ESMF AttributeSet	intent(out) rc	intent(inout) rc	No	39.11.40	55.0.21	next release.	variable.
						Accidental change of the intent(). This change will be reverted in the	If the actual argument provided by the caller is a dummy argument with intent(out), the compiler might flag an intent() incompatibility. One way to fix this situation is to introduce a local variable to pass in as the actual argument, and after the call copy it back into the intent(out) dummy
ESMF_AttributeSet	intent(out) rc	intent(inout) rc	No	39.11.42	55.0.22	next release.	variable.
Added Methods						Only peeded for acces where MDI	
ESMF_InitializePreMPI	N/A	N/A	N/A	N/A	16.4.2	Only needed for cases where MPI is initialized explicitly by user code, and the code is using ESMF-aware resource managment (e.g. for OpenMP threading).	No Impact.
ESMF_StateSet	N/A	N/A	N/A	N/A	21.7.18	All characteristics (e.g. stateIntent) to be modified in an existing State object.	No Impact.
ESMF_MethodAddReplace	N/A	N/A	N/A	N/A	22.4.7	Replacing potential previous attached method under the same label and index.	No Impact.
FSMF Method Add Donland	NIA	N/A	NI/A	N/A	22.4.8	Replacing potential previous attached method under the same	No Impact
ESMF_MethodAddReplace	N/A	IN/A	N/A	IN/A	ZZ.4.ŏ	label and index. Replacing potential previous attached method under the same	No Impact.
ESMF_MethodAddReplace	N/A	N/A	N/A	N/A	22.4.9	label and index. Replacing potential previous attached method under the same	No Impact.
ESMF_MethodAddReplace	N/A	N/A	N/A	N/A	22.4.10	label and index. Replacing potential previous	No Impact.
ESMF_MethodAddReplace	N/A	N/A	N/A	N/A	22.4.11	attached method under the same label and index. Replacing potential previous	No Impact.
ESMF_MethodAddReplace	N/A	N/A	N/A	N/A	22.4.12	attached method under the same label and index.	No Impact.

Old value (800)	New value (810)	Marked backward compatible in 800	Interface (800)	Interface (810)	Rationale for change	Impact
N/A	N/A	N/A	N/A	22.4.16	Provide access information about attached method.	No Impact.
					Provide access information about	No Impact.
					Provide access information about	·
					Synchronization method across PETs required for safe access to	No Impact.
					Provide the capability to change some information in an existing	No Impact.
					Enable the user to check if MOAB is being used for internal mesh	
					Provide a way to set DE specific	No Impact.
N/A	N/A N/A	N/A N/A	N/A N/A	35.6.21 42.4.16	Values, such as sequence indices. Support ISO format string to set Time object.	No Impact.
N/A	N/A	N/A	N/A	49 6 14	user interface, offering advanced	No Impact.
					This call is part of the VM epoch user interface, offering advanced	No Impact.
					The new Info back end to Attribute requires this interface for full	
N/A	N/A	N/A	N/A	55.0.4	compatibility.	No Impact.
N/A	N/A	No	39.11.2	N/A	The ESMF_Attribute class was replaced with ESMF_Info, and this is no longer needed.	ESMF_Info method.
N/A	N/A	No	39.11.3	N/A	The ESMF_Attribute class was replaced with ESMF_Info, and this is no longer needed.	Code that uses this entry point of ESMF_AttributeAdd() must be changed to use the corresponding ESMF Info method.
N/A	N/A	No	39.11.4	N/A	The ESMF_Attribute class was replaced with ESMF_Info, and this is no longer needed.	Code that uses this entry point of ESMF_AttributeAdd() must be changed to use the corresponding ESMF Info method.
					The ESMF_Attribute class was replaced with ESMF_Info, and this	Code that uses this entry point of ESMF_AttributeAdd() must be
N/A	N/A	No	39.11.5	N/A	is no longer needed.	ESMF_Info method. Code that uses this entry point of ESMF_AttributeGet() must be
N/A	N/A	No	39.11.8	N/A	replaced with ESMF_Info, and this is no longer needed.	
N/A	N/A	No	39.11.10	N/A	The ESMF_Attribute class was replaced with ESMF_Info, and this is no longer needed.	ESMF_AttributeGet() must be changed to use the corresponding ESMF_Info method.
NIA	N/A	No	20.44.42	N/A	The ESMF_Attribute class was replaced with ESMF_Info, and this	Code that uses this entry point of ESMF_AttributeGet() must be changed to use the corresponding ESMF Info method.
	N/A	N/A N/A N/A N/A	Old value (800) New value (810) compatible in 800 N/A N/A N/A N/A N/A N/A N/A N/A	Dackward compatible in 800 Interface (800) N/A	Dackward compatible in storface (800) Interface (810) Interf	

API Changes							
Method name	Old value (800)	New value (810)	Marked backward compatible in 800	Interface (800)	Interface (810)	Rationale for change	Impact
ESMF_AttributeGet	N/A	N/A	No	39.11.14	N/A	The ESMF_Attribute class was replaced with ESMF_Info, and this is no longer needed.	Code that uses this entry point of ESMF_AttributeGet() must be changed to use the corresponding ESMF_Info method.
ESMF AttributeGet	N/A	N/A	No	39.11.19	N/A	The ESMF_Attribute class was replaced with ESMF_Info, and this is no longer needed.	Code that uses this entry point of ESMF_AttributeGet() must be changed to use the corresponding ESMF Info method.
ESMF_AttributeGet	N/A	N/A	No	39.11.21	N/A	The ESMF_Attribute class was replaced with ESMF_Info, and this is no longer needed.	Code that uses this entry point of ESMF_AttributeGet() must be changed to use the corresponding ESMF_Info method.
ESMF_AttributeGet	N/A	N/A	No	39.11.22	N/A	The ESMF_Attribute class was replaced with ESMF_Info, and this is no longer needed.	Code that uses this entry point of ESMF_AttributeGet() must be changed to use the corresponding ESMF_Info method.
ESMF_AttributeLink	N/A	N/A	No	39.11.24	N/A	The ESMF_Attribute class was replaced with ESMF_Info, and this is no longer needed.	Attribute linking is no longer supported with the new Info interface. Code that uses this feature will need to be modified.
ESMF AttributeLink	N/A	N/A	No	39.11.25	N/A	The ESMF_Attribute class was replaced with ESMF_Info, and this is no longer needed.	Attribute linking is no longer supported with the new Info interface. Code that uses this feature will need to be modified.
ESMF AttributeLink	N/A	N/A	No	39.11.26	N/A	The ESMF_Attribute class was replaced with ESMF_Info, and this is no longer needed.	Attribute linking is no longer supported with the new Info interface. Code that uses this feature will need to be modified.
ESMF_AttributeLink	N/A	N/A	No	39.11.27	N/A	The ESMF_Attribute class was replaced with ESMF_Info, and this is no longer needed.	Attribute linking is no longer supported with the new Info interface. Code that uses this feature will need to be modified.
ESMF AttributeLink	N/A	N/A	No	39.11.28	N/A	The ESMF_Attribute class was replaced with ESMF_Info, and this is no longer needed.	Attribute linking is no longer supported with the new Info interface. Code that uses this feature will need to be modified.
ESMF AttributeLinkRemove	N/A	N/A	No	39.11.29	N/A	The ESMF_Attribute class was replaced with ESMF_Info, and this is no longer needed.	Attribute linking is no longer supported with the new Info interface. Code that uses this feature will need to be modified.
ESMF_AttributeLinkRemove	N/A	N/A	No	39.11.30	N/A	The ESMF_Attribute class was replaced with ESMF_Info, and this is no longer needed.	Attribute linking is no longer supported with the new Info interface. Code that uses this feature will need to be modified.
ESMF AttributeLinkRemove	N/A	N/A	No	39.11.31	N/A	The ESMF_Attribute class was replaced with ESMF_Info, and this is no longer needed.	Attribute linking is no longer supported with the new Info interface. Code that uses this feature will need to be modified.
ESMF AttributeLinkRemove	N/A	N/A	No	39.11.32	N/A	The ESMF_Attribute class was replaced with ESMF_Info, and this is no longer needed.	Attribute linking is no longer supported with the new Info interface. Code that uses this feature will need to be modified.
ESMF_AttributeLinkRemove	N/A	N/A	No	39.11.33	N/A	The ESMF_Attribute class was replaced with ESMF_Info, and this is no longer needed.	Attribute linking is no longer supported with the new Info interface. Code that uses this feature will need to be modified.
	IVA	1973	110	33.11.00	14/1	The ESMF_Attribute class was replaced with ESMF Info, and this	Attribute Read/Write is no longer supported. Code that uses the feature will need to be modified to use the new Info Read/Write
ESMF_AttributeRead	N/A	N/A	No	39.11.34	N/A	is no longer needed.	JSON features.

API Changes							
Method name	Old value (800)	New value (810)	Marked backward compatible in 800	Interface (800)	Interface (810)	Rationale for change	Impact
ESMF_AttributeSet	N/A	N/A	No	39.11.38	N/A	The ESMF_Attribute class was replaced with ESMF_Info, and this is no longer needed.	Code that uses this entry point of ESMF_AttributeSet() must be changed to use the corresponding ESMF_Info method.
ESMF_AttributeSet	N/A	N/A	No	39.11.41	N/A	The ESMF_Attribute class was replaced with ESMF_Info, and this is no longer needed.	Code that uses this entry point of ESMF_AttributeSet() must be changed to use the corresponding ESMF_Info method.
ESMF_AttributeWrite	N/A	N/A	No	39.11.44	N/A		Attribute Read/Write is no longer supported. Code that uses the feature will need to be modified to use the new Info Read/Write JSON features.