API Changes							
Method name	Old value (611)	New value (620)	Marked backward compatible in 611	Interface (611)	Interface (620)	Rationale for change	Impact
Added Arguments							<u> </u>
•						Support for writing large weight files using NetCDF 4	
ESMF_RegridWeightGen	N/A	netcdf4fileFlag	No	22.3.1	22.3.1	file format Add capability to mask out Mesh	No impact
ESMF MeshCreate	N/A	nodeMask	No	31.4.7	31.4.7	nodes	No impact
						Add capability to mask out Mesh	
ESMF_MeshAddNodes	N/A	nodeMask	No	31.4.5	31.4.5	nodes	No impact
Argument Intent Changes							
	<pre>cobject1> intent/inqut)</pre>	<pre>cobject1> intent/in)</pre>	No	27 11 6	27 11 6	Correctly indicate the intent of the	No impact
ESMF_AttributeCopy	<object1>,intent(inout)</object1>		No	37.11.6	37.11.6	argument Correctly indicate the intent of the	No impact
ESMF_AttributeGet	<object>,intent(inout)</object>	<object>,intent(in)</object>	No	37.11.7	37.11.7	argument	No impact
ESMF_AttributeGet	<object>-intent(inout)</object>	<object>,intent(in)</object>	No	37.11.8	37.11.8	Correctly indicate the intent of the argument	No impact
		-cojece ,interit(iii)	110		07.11.0	Correctly indicate the intent of the	140 Impact
ESMF_AttributeGet	<object>,intent(inout)</object>	<object>,intent(in)</object>	No	37.11.9	37.11.9	argument	No impact
ESMF_AttributeGet	<object>,intent(inout)</object>	<object>,intent(in)</object>	No	37.11.10	37.11.10	Correctly indicate the intent of the argument	No impact
						Correctly indicate the intent of the	
ESMF_AttributeGet	<object>,intent(inout)</object>	<object>,intent(in)</object>	No	37.11.11	37.11.11	argument Correctly indicate the intent of the	No impact
ESMF_AttributeGet	<object>,intent(inout)</object>	<object>,intent(in)</object>	No	37.11.12	37.11.12	argument	No impact
ESMF_AttributeGet	<object>,intent(inout)</object>	<object>,intent(in)</object>	No	37.11.13	37.11.13	Correctly indicate the intent of the argument	No impact
		. ,				Correctly indicate the intent of the	
ESMF_AttributeGet	<object>,intent(inout)</object>	<object>,intent(in)</object>	No	37.11.14	37.11.14	argument	No impact
ESMF_AttributeLink	<object2>,intent(inout)</object2>	<pre><ohiect2> intent(in)</ohiect2></pre>	No	37.11.15	37.11.15	Correctly indicate the intent of the argument	No impact
	object. ,intent(inout)					Correctly indicate the intent of the	
ESMF_AttributeLink	<object>,intent(inout)</object>	<object>,intent(in)</object>	No	37.11.16	37.11.16	argument	No impact

API Changes							
Method name	Old value (611)	New value (620)	Marked backward compatible in 611	Interface (611)	Interface (620)	Rationale for change	Impact
						Correctly indicate	
COME Attributed into	field intent/incut)	field intent(in)	No	37.11.17	27 44 47	the intent of the	Na immant
ESMF_AttributeLink	field,intent(inout)	field,intent(in)	No	37.11.17	37.11.17	argument Correctly indicate	No impact
						the intent of the	
ESMF_AttributeLink	grid,intent(inout)	grid,intent(in)	No	37.11.18	37.11.18	argument	No impact
LOWI _AUIDUCELIIK	gria,iritorit(irioat)	gria,interit(iii)	110	07.111.10	07.11.10	Correctly indicate	140 impaot
						the intent of the	
ESMF AttributeLink	array,intent(inout)	array,intent(in)	No	37.11.19	37.11.19	argument	No impact
		J . ()				Correctly indicate	
						the intent of the	
ESMF_AttributeLinkRemove	<object2>,intent(inout)</object2>	<object2>,intent(in)</object2>	No	37.11.20	37.11.20	argument	No impact
						Correctly indicate	
						the intent of the	ļ., .
ESMF_AttributeLinkRemove	<object>,intent(inout)</object>	<object>,intent(in)</object>	No	37.11.21	37.11.21	argument	No impact
						Correctly indicate	
ESME Attributed int Benevice	field intent(inout)	field intent(in)	No	27 11 22	27 11 22	the intent of the	No impact
ESMF_AttributeLinkRemove	field,intent(inout)	field,intent(in)	No	37.11.22	37.11.22	argument Correctly indicate	No impact
						the intent of the	
ESMF_AttributeLinkRemove	grid,intent(inout)	grid,intent(in)	No	37.11.23	37.11.23	argument	No impact
_AutibateLinktemove	3.74,iiitorit(iiioat)	g,(iii)		57.11 (LE)	31.11.20	Correctly indicate	. to impact
						the intent of the	
ESMF AttributeLinkRemove	array,intent(inout)	array,intent(in)	No	37.11.24	37.11.24	argument	No impact
	, , ,					Correctly indicate	
		rcToReturn,intent				the intent of the	
ESMF_LogFoundAllocError	rcToReturn,intent(out)	(inout)	Yes	45.7.4	45.7.6	argument	No impact
						Correctly indicate	
		rcToReturn,intent		1	45 = =	the intent of the	.
ESMF_LogFoundDeallocErro	or rcToReturn,intent(out)	(inout)	Yes	45.7.5	45.7.7	argument	No impact
		roToDotura intent				Correctly indicate	
ESME LogEoundError	roToPoturn intent/cut\	rcToReturn,intent	Voc	45.7.6	45.7.Q	the intent of the	No impost
ESMF_LogFoundError	rcToReturn,intent(out)	(mout)	Yes	45.7.0	45.7.8	argument	No impact
Added Methods							+
						Consistently	+
						provide operators	
ESMF_ConfigOperator(==)	N/A	N/A	N/A	N/A	44.3.2	across classes	No impact
						Consistently	'
						provide operators	
ESMF_ConfigOperator(/=)	N/A	N/A	N/A	N/A	44.3.3	across classes	No impact
						Consistently	
						provide operators	.
ESMF_LogOperator(==)	N/A	N/A	N/A	N/A	45.7.2	across classes	No impact
						Consistently	
FOME LogOperator(/=)	NI/A	NI/A	NI/A	NI/A	45.7.2	provide operators	No impost
ESMF_LogOperator(/=)	N/A	N/A	N/A	N/A	45.7.3	across classes	No impact

API Changes							
Method name	Old value (611)	New value (620)	Marked backward compatible in 611	Interface (611)	Interface (620)	Rationale for change	Impact
ESMF_UtillOMkDir	N/A	N/A	N/A	N/A	48.4.4	Uniform access to file system operations from within the application	No impact
ESMF_UtillORmDir	N/A	N/A	N/A	N/A	48.4.5	Uniform access to file system operations from within the application	No impact
ESMF_FieldBundleSet	N/A	N/A	N/A	N/A	23.5.25 - 23.5.28	Allow user to set a Grid, Mesh, LocStream, or XGrid in a FieldBundle.	No impact
ESMF_MeshCreate	N/A	N/A	N/A	N/A	31.4.9	Allow user to create a copy of a Mesh with a new distribution.	No impact