

ESMF Test Harness
Automated Test Suite Report

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Contents

1	Test Harness Suite Report	2
1.1	Producing a Report	2
2	Array Test Case Distribution Summary	2
2.1	Test Suite: array_default_test.rc	2
2.2	Test Suite: array_1_test.rc	4
2.3	Test Suite: array_2_test.rc	6
3	Field Test Case Distribution Summary	15
3.1	Test Suite: field_default_test.rc	15
3.2	Test Suite: field_1_test.rc	16
4	Test Harness Array Test Case Description	18
4.1	Test Suite: array_default_test.rc	18
4.2	Test Suite: array_1_test.rc	18
4.3	Test Suite: array_2_test.rc	27
5	Test Harness Field Test Case Description	85
5.1	Test Suite: field_default_test.rc	85
5.2	Test Suite: field_1_test.rc	85

1 Test Harness Suite Report

This document summarizes the setup of each individual test case in a test harness test suite. The intent is to allow a review of the tests being performed by a test suite. This document can be view as two separate documents, one summarizing the redistribution aspects of a test suite and one summarizing the data initialization and regridding aspects of a test suite. In addition, each class has its own section for easier referencing.

A test suite is defined through a top level configuration file. This file contains references to a set of test descriptions. Each test description has a set of problem descriptor strings. A problem description string has a transformation, a distribution description file, and a grid description file.

A distribution description file has a set of distributions definitions. A distribution definition describes how a source distribution is transformed to a destination distribution.

A grid description file has a set of grids definitions. A grid definition has the size of the grid, the coordinate range, the grid type, and grid units of measure for each dimension.

Test cases are generated by transforming each grid on each distribution. In the case of a non-gridded class, the grid information can be used to initialize a distributed array with values.

1.1 Producing a Report

The test harness produces an XML file summarizing the setup of test cases within a test suite. The XML file is processed by the program xsltproc using a special latex generation script. Since xsltproc normally produces html output, the intermediate latex output is postprocessed to reduce html escape sequences and insert latex escape sequences where needed. The latex output is used to generate the report in PDF format.

This document is generated by running gmake from within the \$ESMF_DIR/src/testharness/catalog directory. The test harness is part of the ESMF unit tests and scales the redistribution based on the number of available processors. The report is dependent on the number of processors and should allocate the same number of processors that is to be used for the actual test run.

Prior to generating the catalog, build the ESMF library and unit tests to make the test harness and latex source postprocessor.

2 Array Test Case Distribution Summary

This section summarizes the redistribution aspects of a test case. The report shows the original distribution and bounds for an ESMF_Array followed by the destination distribution and bounds.

2.1 Test Suite: array_default_test.rc

Test Class: ARRAY

Timestamp: 2010/12/ 6 13:45: 9

Operation: REDISTRIBUTION
Descriptor: [B1G1;B2G2] -> [B1G1;B2G2]

Distribution						Array Bounds					
Source			Dest			Source			Dest		
X	Y	Z	X	Y	Z	X	Y	Z	X	Y	Z
1	1		1	1		400	200		400	200	

2.2 Test Suite: array_1_test.rc

Test Class: ARRAY

Timestamp: 2010/12/ 6 13:45:14

Operation: REDISTRIBUTION

Descriptor: [B1G1;B2G2] -> [B1G1;B2G2]

Distribution						Array Bounds					
Source			Dest			Source			Dest		
X	Y	Z	X	Y	Z	X	Y	Z	X	Y	Z
1	1		1	1		120	90		120	90	
1	1		1	1		400	200		400	200	
1	1		1	16		120	90		120	90	
1	1		1	16		400	200		400	200	
1	1		16	1		120	90		120	90	
1	1		16	1		400	200		400	200	
1	1		1	32		120	90		120	90	
1	1		1	32		400	200		400	200	
1	1		32	1		120	90		120	90	
1	1		32	1		400	200		400	200	
1	16		1	16		120	90		120	90	
1	16		1	16		400	200		400	200	
1	16		16	1		120	90		120	90	
1	16		16	1		400	200		400	200	
1	32		1	32		120	90		120	90	
1	32		1	32		400	200		400	200	
1	32		32	1		120	90		120	90	
1	32		32	1		400	200		400	200	
2	8		2	8		120	90		120	90	
2	8		2	8		400	200		400	200	
2	8		8	2		120	90		120	90	
2	8		8	2		400	200		400	200	

Operation: REDISTRIBUTION

Descriptor: [B1G1;B2G2;B3G3] → [B1G1;B2G2;B3G3]

Distribution						Array Bounds					
Source			Dest			Source			Dest		
X	Y	Z	X	Y	Z	X	Y	Z	X	Y	Z
1	1	1	1	1	1	160	80	40	160	80	40
1	1	1	1	1	16	160	80	40	160	80	40
1	1	1	1	16	1	160	80	40	160	80	40
1	1	1	16	1	1	160	80	40	160	80	40
1	1	1	1	1	32	160	80	40	160	80	40
1	1	1	1	32	1	160	80	40	160	80	40
1	1	1	32	1	1	160	80	40	160	80	40
2	2	2	8	1	8	160	80	40	160	80	40
2	2	2	8	8	1	160	80	40	160	80	40
2	2	2	1	8	8	160	80	40	160	80	40

2.3 Test Suite: array_2_test.rc

Test Class: ARRAY

Timestamp: 2010/12/ 6 13:45:18

Operation: REDISTRIBUTION

Descriptor: [B1G1;B2G2] -> [B1G1;B2G2]

Distribution						Array Bounds					
Source			Dest			Source			Dest		
X	Y	Z	X	Y	Z	X	Y	Z	X	Y	Z
1	1		1	1		60	30		60	30	
1	1		1	16		60	30		60	30	
1	1		16	1		60	30		60	30	
1	1		1	32		60	30		60	30	
1	1		32	1		60	30		60	30	
1	1		1	8		60	30		60	30	
1	1		8	1		60	30		60	30	
1	16		1	16		60	30		60	30	
1	16		16	1		60	30		60	30	
1	32		1	32		60	30		60	30	
1	32		32	1		60	30		60	30	
1	8		8	1		60	30		60	30	
1	8		8	1		60	30		60	30	
4	4		4	4		60	30		60	30	
2	8		2	8		60	30		60	30	

2	8		8	2		60	30		60	30	
1	16		1	15		60	30		60	30	
4	4		4	3		60	30		60	30	

Operation: REDISTRIBUTION
 Descriptor: [B1G1;B2G2] -> [B2G2;B1G1]

Distribution						Array Bounds					
Source			Dest			Source			Dest		
X	Y	Z	X	Y	Z	X	Y	Z	X	Y	Z
1	1		1	1		60	30		60	30	
1	1		1	16		60	30		60	30	
1	1		16	1		60	30		60	30	
1	1		1	32		60	30		60	30	
1	1		32	1		60	30		60	30	
1	1		1	8		60	30		60	30	
1	1		8	1		60	30		60	30	
1	16		1	16		60	30		60	30	
1	16		16	1		60	30		60	30	
1	32		1	32		60	30		60	30	
1	32		32	1		60	30		60	30	
1	8		8	1		60	30		60	30	
1	8		8	1		60	30		60	30	
4	4		4	4		60	30		60	30	
2	8		2	8		60	30		60	30	
2	8		8	2		60	30		60	30	
1	16		1	15		60	30		60	30	
4	4		4	3		60	30		60	30	

Operation: REDISTRIBUTION
 Descriptor: [B2G2;B1G1] -> [B1G1;B2G2]

Distribution						Array Bounds					
Source			Dest			Source			Dest		
X	Y	Z	X	Y	Z	X	Y	Z	X	Y	Z
1	1		1	1		60	30		60	30	
1	1		1	16		60	30		60	30	
1	1		16	1		60	30		60	30	
1	1		1	32		60	30		60	30	
1	1		32	1		60	30		60	30	
1	1		1	8		60	30		60	30	

1	1		8	1		60	30		60	30	
1	16		1	16		60	30		60	30	
1	16		16	1		60	30		60	30	
1	32		1	32		60	30		60	30	
1	32		32	1		60	30		60	30	
1	8		8	1		60	30		60	30	
1	8		8	1		60	30		60	30	
4	4		4	4		60	30		60	30	
2	8		2	8		60	30		60	30	
2	8		8	2		60	30		60	30	
1	16		1	15		60	30		60	30	
4	4		4	3		60	30		60	30	

Operation: REDISTRIBUTION

Descriptor: [B1G1;B2G2;B3G3] -> [B1G1;B2G2;B3G3]

Distribution						Array Bounds					
Source			Dest			Source			Dest		
X	Y	Z	X	Y	Z	X	Y	Z	X	Y	Z
1	1	1	1	1	1	20	20	20	20	20	20
1	1	1	1	1	16	20	20	20	20	20	20
1	1	1	1	16	1	20	20	20	20	20	20
1	1	1	16	1	1	20	20	20	20	20	20
1	1	1	1	1	32	20	20	20	20	20	20
1	1	1	1	32	1	20	20	20	20	20	20
1	1	1	32	1	1	20	20	20	20	20	20
1	1	1	1	1	8	20	20	20	20	20	20
1	1	1	1	8	1	20	20	20	20	20	20
1	1	1	8	1	1	20	20	20	20	20	20
1	1	1	8	1	2	20	20	20	20	20	20
1	1	1	8	2	1	20	20	20	20	20	20
1	1	1	2	8	1	20	20	20	20	20	20
1	1	1	1	8	2	20	20	20	20	20	20
1	1	1	2	1	8	20	20	20	20	20	20
1	1	1	1	2	8	20	20	20	20	20	20
1	1	1	2	2	2	20	20	20	20	20	20
1	1	1	1	2	4	20	20	20	20	20	20
1	1	1	4	2	4	20	20	20	20	20	20
2	2	2	2	2	2	20	20	20	20	20	20
2	2	2	2	2	1	20	20	20	20	20	20
2	2	2	2	1	2	20	20	20	20	20	20

2	2	2	1	2	2	20	20	20	20	20	20
2	2	2	2	1	8	20	20	20	20	20	20
2	2	2	8	1	8	20	20	20	20	20	20
2	2	2	2	8	1	20	20	20	20	20	20
2	2	2	8	8	1	20	20	20	20	20	20
2	2	2	1	2	8	20	20	20	20	20	20
2	2	2	1	8	8	20	20	20	20	20	20

Operation: REDISTRIBUTION

Descriptor: [B1G1;B2G2;B3G3] -> [B1G1;B3G3;B2G2]

Distribution						Array Bounds					
Source			Dest			Source			Dest		
X	Y	Z	X	Y	Z	X	Y	Z	X	Y	Z
1	1	1	1	1	1	20	20	20	20	20	20
1	1	1	1	1	16	20	20	20	20	20	20
1	1	1	1	16	1	20	20	20	20	20	20
1	1	1	16	1	1	20	20	20	20	20	20
1	1	1	1	1	32	20	20	20	20	20	20
1	1	1	1	32	1	20	20	20	20	20	20
1	1	1	32	1	1	20	20	20	20	20	20
1	1	1	1	1	8	20	20	20	20	20	20
1	1	1	1	8	1	20	20	20	20	20	20
1	1	1	8	1	1	20	20	20	20	20	20
1	1	1	8	1	2	20	20	20	20	20	20
1	1	1	8	2	1	20	20	20	20	20	20
1	1	1	2	8	1	20	20	20	20	20	20
1	1	1	1	8	2	20	20	20	20	20	20
1	1	1	2	1	8	20	20	20	20	20	20
1	1	1	1	2	8	20	20	20	20	20	20
1	1	1	2	2	2	20	20	20	20	20	20
1	1	1	1	2	4	20	20	20	20	20	20
1	1	1	4	2	4	20	20	20	20	20	20
2	2	2	2	2	2	20	20	20	20	20	20
2	2	2	2	2	1	20	20	20	20	20	20
2	2	2	2	1	2	20	20	20	20	20	20
2	2	2	1	2	2	20	20	20	20	20	20
2	2	2	2	1	8	20	20	20	20	20	20
2	2	2	8	1	8	20	20	20	20	20	20
2	2	2	2	8	1	20	20	20	20	20	20

2	2	2	8	8	1	20	20	20	20	20	20
2	2	2	1	2	8	20	20	20	20	20	20
2	2	2	1	8	8	20	20	20	20	20	20

Operation: REDISTRIBUTION

Descriptor: [B1G1;B2G2;B3G3] -> [B2G2;B1G1;B3G3]

Distribution						Array Bounds					
Source			Dest			Source			Dest		
X	Y	Z	X	Y	Z	X	Y	Z	X	Y	Z
1	1	1	1	1	1	20	20	20	20	20	20
1	1	1	1	1	16	20	20	20	20	20	20
1	1	1	1	16	1	20	20	20	20	20	20
1	1	1	16	1	1	20	20	20	20	20	20
1	1	1	1	1	32	20	20	20	20	20	20
1	1	1	1	32	1	20	20	20	20	20	20
1	1	1	32	1	1	20	20	20	20	20	20
1	1	1	1	1	8	20	20	20	20	20	20
1	1	1	1	8	1	20	20	20	20	20	20
1	1	1	8	1	1	20	20	20	20	20	20
1	1	1	8	1	2	20	20	20	20	20	20
1	1	1	8	2	1	20	20	20	20	20	20
1	1	1	2	8	1	20	20	20	20	20	20
1	1	1	1	8	2	20	20	20	20	20	20
1	1	1	2	1	8	20	20	20	20	20	20
1	1	1	1	2	8	20	20	20	20	20	20
1	1	1	2	2	2	20	20	20	20	20	20
1	1	1	1	2	4	20	20	20	20	20	20
1	1	1	4	2	4	20	20	20	20	20	20
2	2	2	2	2	2	20	20	20	20	20	20
2	2	2	2	2	1	20	20	20	20	20	20
2	2	2	2	1	2	20	20	20	20	20	20
2	2	2	2	1	8	20	20	20	20	20	20
2	2	2	8	1	8	20	20	20	20	20	20
2	2	2	2	8	1	20	20	20	20	20	20
2	2	2	8	8	1	20	20	20	20	20	20
2	2	2	1	2	8	20	20	20	20	20	20
2	2	2	1	8	8	20	20	20	20	20	20

Operation: REDISTRIBUTION

Descriptor: [B1G1;B2G2;B3G3] → [B3G3;B1G1;B2G2]

Distribution						Array Bounds					
Source			Dest			Source			Dest		
X	Y	Z	X	Y	Z	X	Y	Z	X	Y	Z
1	1	1	1	1	1	20	20	20	20	20	20
1	1	1	1	1	16	20	20	20	20	20	20
1	1	1	1	16	1	20	20	20	20	20	20
1	1	1	16	1	1	20	20	20	20	20	20
1	1	1	1	1	32	20	20	20	20	20	20
1	1	1	1	32	1	20	20	20	20	20	20
1	1	1	32	1	1	20	20	20	20	20	20
1	1	1	1	1	8	20	20	20	20	20	20
1	1	1	1	8	1	20	20	20	20	20	20
1	1	1	8	1	1	20	20	20	20	20	20
1	1	1	8	1	2	20	20	20	20	20	20
1	1	1	8	2	1	20	20	20	20	20	20
1	1	1	2	8	1	20	20	20	20	20	20
1	1	1	1	8	2	20	20	20	20	20	20
1	1	1	2	1	8	20	20	20	20	20	20
1	1	1	1	2	8	20	20	20	20	20	20
1	1	1	2	2	2	20	20	20	20	20	20
1	1	1	1	2	4	20	20	20	20	20	20
1	1	1	4	2	4	20	20	20	20	20	20
2	2	2	2	2	2	20	20	20	20	20	20
2	2	2	2	2	1	20	20	20	20	20	20
2	2	2	2	1	2	20	20	20	20	20	20
2	2	2	2	1	8	20	20	20	20	20	20
2	2	2	8	1	8	20	20	20	20	20	20
2	2	2	2	8	1	20	20	20	20	20	20
2	2	2	8	8	1	20	20	20	20	20	20
2	2	2	1	2	8	20	20	20	20	20	20
2	2	2	1	8	8	20	20	20	20	20	20

Operation: REDISTRIBUTION

Descriptor: [B1G1;B2G2;B3G3] -> [B2G2;B3G3;B1G1]

Distribution						Array Bounds					
Source			Dest			Source			Dest		
X	Y	Z	X	Y	Z	X	Y	Z	X	Y	Z
1	1	1	1	1	1	20	20	20	20	20	20
1	1	1	1	1	16	20	20	20	20	20	20
1	1	1	1	16	1	20	20	20	20	20	20

1	1	1	16	1	1	20	20	20	20	20	20
1	1	1	1	1	32	20	20	20	20	20	20
1	1	1	1	32	1	20	20	20	20	20	20
1	1	1	32	1	1	20	20	20	20	20	20
1	1	1	1	1	8	20	20	20	20	20	20
1	1	1	1	8	1	20	20	20	20	20	20
1	1	1	8	1	1	20	20	20	20	20	20
1	1	1	8	1	2	20	20	20	20	20	20
1	1	1	8	2	1	20	20	20	20	20	20
1	1	1	2	8	1	20	20	20	20	20	20
1	1	1	1	8	2	20	20	20	20	20	20
1	1	1	2	1	8	20	20	20	20	20	20
1	1	1	1	2	8	20	20	20	20	20	20
1	1	1	2	2	2	20	20	20	20	20	20
1	1	1	1	2	4	20	20	20	20	20	20
1	1	1	4	2	4	20	20	20	20	20	20
2	2	2	2	2	2	20	20	20	20	20	20
2	2	2	2	2	1	20	20	20	20	20	20
2	2	2	2	1	2	20	20	20	20	20	20
2	2	2	1	2	2	20	20	20	20	20	20
2	2	2	2	1	8	20	20	20	20	20	20
2	2	2	8	1	8	20	20	20	20	20	20
2	2	2	2	8	1	20	20	20	20	20	20
2	2	2	8	8	1	20	20	20	20	20	20
2	2	2	1	2	8	20	20	20	20	20	20
2	2	2	1	8	8	20	20	20	20	20	20

Operation: REDISTRIBUTION

Descriptor: [B1G1;B2G2;B3G3] -> [B3G3;B2G2;B1G1]

Distribution						Array Bounds					
Source			Dest			Source			Dest		
X	Y	Z	X	Y	Z	X	Y	Z	X	Y	Z
1	1	1	1	1	1	20	20	20	20	20	20
1	1	1	1	1	16	20	20	20	20	20	20
1	1	1	1	16	1	20	20	20	20	20	20
1	1	1	16	1	1	20	20	20	20	20	20
1	1	1	1	1	32	20	20	20	20	20	20
1	1	1	1	32	1	20	20	20	20	20	20
1	1	1	32	1	1	20	20	20	20	20	20
1	1	1	1	1	8	20	20	20	20	20	20

1	1	1	1	8	1	20	20	20	20	20	20
1	1	1	8	1	1	20	20	20	20	20	20
1	1	1	8	1	2	20	20	20	20	20	20
1	1	1	8	2	1	20	20	20	20	20	20
1	1	1	2	8	1	20	20	20	20	20	20
1	1	1	1	8	2	20	20	20	20	20	20
1	1	1	2	1	8	20	20	20	20	20	20
1	1	1	1	2	8	20	20	20	20	20	20
1	1	1	2	2	2	20	20	20	20	20	20
1	1	1	1	2	4	20	20	20	20	20	20
1	1	1	4	2	4	20	20	20	20	20	20
2	2	2	2	2	2	20	20	20	20	20	20
2	2	2	2	2	1	20	20	20	20	20	20
2	2	2	2	1	2	20	20	20	20	20	20
2	2	2	2	1	8	20	20	20	20	20	20
2	2	2	8	1	8	20	20	20	20	20	20
2	2	2	2	8	1	20	20	20	20	20	20
2	2	2	8	8	1	20	20	20	20	20	20
2	2	2	1	2	8	20	20	20	20	20	20
2	2	2	1	8	8	20	20	20	20	20	20

3 Field Test Case Distribution Summary

This section summarizes the redistribution aspects of a test case. The report shows the original distribution and bounds for an ESMF_Field followed by the destination distribution and bounds.

3.1 Test Suite: field_default_test.rc

Test Class: FIELD

Timestamp: 2010/12/ 6 13:45:23

Operation: Bilinear REGRID

Descriptor: [B1G1;B2G2] =B=> [B1G1;B2G2]

Distribution						Array Bounds					
Source			Dest			Source			Dest		
X	Y	Z	X	Y	Z	X	Y	Z	X	Y	Z
1	1		1	1		20	20		50	50	

3.2 Test Suite: field_1_test.rc

Test Class: FIELD

Timestamp: 2010/12/ 6 13:45:27

Operation: Bilinear REGRID

Descriptor: [B1G1;B2G2] =B=> [B1G1;B2G2]

Distribution						Array Bounds					
Source			Dest			Source			Dest		
X	Y	Z	X	Y	Z	X	Y	Z	X	Y	Z
1	1		1	1		120	90		120	88	
1	1		1	1		120	90		120	88	
1	1		1	1		120	90		100	100	
1	1		1	1		120	88		100	100	
1	1		1	1		120	88		100	100	
1	1		1	16		120	90		120	88	
1	1		1	16		120	90		120	88	
1	1		1	16		120	90		100	100	
1	1		1	16		120	88		100	100	
1	1		1	16		120	88		100	100	
1	1		1	32		120	90		120	88	
1	1		1	32		120	90		120	88	
1	1		1	32		120	90		100	100	
1	1		1	32		120	88		100	100	
1	1		1	32		120	88		100	100	
1	16		1	16		120	90		120	88	
1	16		1	16		120	90		120	88	
1	16		1	16		120	90		100	100	
1	16		1	16		120	88		100	100	
1	16		1	16		120	88		100	100	

Operation: Bilinear REGRID

Descriptor: [B1G1;B2G2;B3G3] =B=> [B1G1;B2G2;B3G3]

Distribution						Array Bounds					
Source			Dest			Source			Dest		
X	Y	Z	X	Y	Z	X	Y	Z	X	Y	Z
1	1	1	1	1	1	60	45	20	60	44	10

1	1	1	1	1	1	60	45	30	60	44	20
1	1	1	1	16	1	60	45	20	60	44	10
1	1	1	1	16	1	60	45	30	60	44	20
1	1	1	1	32	1	60	45	20	60	44	10
1	1	1	1	32	1	60	45	30	60	44	20
1	16	1	1	16	1	60	45	20	60	44	10
1	16	1	1	16	1	60	45	30	60	44	20

4 Test Harness Array Test Case Description

This section shows the complete coverage of a test harness test case for the ESMF_Array class. Each table displays the source and destination values for all dimensions for several parameters. The grid parameters can be used to initialize values in the array.

4.1 Test Suite: array_default_test.rc

Test Class: ARRAY

Timestamp: 2010/12/ 6 13:45: 9

Operation: REDISTRIBUTION

Descriptor: [B1G1;B2G2] -> [B1G1;B2G2]

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1		1	1	
Grid Dim	400	200		400	200	
Low Coord	-180.000000E+00	-88.000000E+00		-180.000000E+00	-88.000000E+00	
High Coord	180.000000E+00	88.000000E+00		180.000000E+00	88.000000E+00	
Grid Type	UNIFORM	UNIFORM		UNIFORM	UNIFORM	
UOM	DEG_E	DEG_N		DEG_E	DEG_N	

4.2 Test Suite: array_1_test.rc

Test Class: ARRAY

Timestamp: 2010/12/ 6 13:45:14

Operation: REDISTRIBUTION

Descriptor: [B1G1;B2G2] -> [B1G1;B2G2]

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1		1	1	
Grid Dim	120	90		120	90	
Low Coord	-3.141590E+00	-1.570000E+00		-3.141590E+00	-1.570000E+00	
High Coord	3.141590E+00	1.570000E+00		3.141590E+00	1.570000E+00	
Grid Type	UNIFORM	UNIFORM		UNIFORM	UNIFORM	
UOM	RAD	RAD		RAD	RAD	

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1		1	1	
Grid Dim	400	200		400	200	
Low Coord	-180.000000E+00	-88.000000E+00		-180.000000E+00	-88.000000E+00	
High Coord	180.000000E+00	88.000000E+00		180.000000E+00	88.000000E+00	
Grid Type	UNIFORM	GAUSSIAN		UNIFORM	GAUSSIAN	
UOM	DEG_E	DEG_N		DEG_E	DEG_N	

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1		1	16	
Grid Dim	120	90		120	90	
Low Coord	-3.141590E+00	-1.570000E+00		-3.141590E+00	-1.570000E+00	
High Coord	3.141590E+00	1.570000E+00		3.141590E+00	1.570000E+00	
Grid Type	UNIFORM	UNIFORM		UNIFORM	UNIFORM	
UOM	RAD	RAD		RAD	RAD	

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1		1	16	
Grid Dim	400	200		400	200	
Low Coord	-180.000000E+00	-88.000000E+00		-180.000000E+00	-88.000000E+00	
High Coord	180.000000E+00	88.000000E+00		180.000000E+00	88.000000E+00	
Grid Type	UNIFORM	GAUSSIAN		UNIFORM	GAUSSIAN	

UOM	DEG_E	DEG_N		DEG_E	DEG_N	
-----	-------	-------	--	-------	-------	--

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1		16	1	
Grid Dim	120	90		120	90	
Low Coord	-3.141590E+00	-1.570000E+00		-3.141590E+00	-1.570000E+00	
High Coord	3.141590E+00	1.570000E+00		3.141590E+00	1.570000E+00	
Grid Type	UNIFORM	UNIFORM		UNIFORM	UNIFORM	
UOM	RAD	RAD		RAD	RAD	

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1		16	1	
Grid Dim	400	200		400	200	
Low Coord	-180.000000E+00	-88.000000E+00		-180.000000E+00	-88.000000E+00	
High Coord	180.000000E+00	88.000000E+00		180.000000E+00	88.000000E+00	
Grid Type	UNIFORM	GAUSSIAN		UNIFORM	GAUSSIAN	
UOM	DEG_E	DEG_N		DEG_E	DEG_N	

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1		1	32	
Grid Dim	120	90		120	90	
Low Coord	-3.141590E+00	-1.570000E+00		-3.141590E+00	-1.570000E+00	
High Coord	3.141590E+00	1.570000E+00		3.141590E+00	1.570000E+00	
Grid Type	UNIFORM	UNIFORM		UNIFORM	UNIFORM	
UOM	RAD	RAD		RAD	RAD	

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1		1	32	
Grid Dim	400	200		400	200	
Low Coord	-180.000000E+00	-88.000000E+00		-180.000000E+00	-88.000000E+00	
High Coord	180.000000E+00	88.000000E+00		180.000000E+00	88.000000E+00	
Grid Type	UNIFORM	GAUSSIAN		UNIFORM	GAUSSIAN	

UOM	DEG_E	DEG_N		DEG_E	DEG_N	
-----	-------	-------	--	-------	-------	--

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1		32	1	
Grid Dim	120	90		120	90	
Low Coord	-3.141590E+00	-1.570000E+00		-3.141590E+00	-1.570000E+00	
High Coord	3.141590E+00	1.570000E+00		3.141590E+00	1.570000E+00	
Grid Type	UNIFORM	UNIFORM		UNIFORM	UNIFORM	
UOM	RAD	RAD		RAD	RAD	

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1		32	1	
Grid Dim	400	200		400	200	
Low Coord	-180.000000E+00	-88.000000E+00		-180.000000E+00	-88.000000E+00	
High Coord	180.000000E+00	88.000000E+00		180.000000E+00	88.000000E+00	
Grid Type	UNIFORM	GAUSSIAN		UNIFORM	GAUSSIAN	
UOM	DEG_E	DEG_N		DEG_E	DEG_N	

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	16		1	16	
Grid Dim	120	90		120	90	
Low Coord	-3.141590E+00	-1.570000E+00		-3.141590E+00	-1.570000E+00	
High Coord	3.141590E+00	1.570000E+00		3.141590E+00	1.570000E+00	
Grid Type	UNIFORM	UNIFORM		UNIFORM	UNIFORM	
UOM	RAD	RAD		RAD	RAD	

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	16		1	16	
Grid Dim	400	200		400	200	
Low Coord	-180.000000E+00	-88.000000E+00		-180.000000E+00	-88.000000E+00	
High Coord	180.000000E+00	88.000000E+00		180.000000E+00	88.000000E+00	
Grid Type	UNIFORM	GAUSSIAN		UNIFORM	GAUSSIAN	

UOM	DEG_E	DEG_N		DEG_E	DEG_N	
-----	-------	-------	--	-------	-------	--

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	16		16	1	
Grid Dim	120	90		120	90	
Low Coord	-3.141590E+00	-1.570000E+00		-3.141590E+00	-1.570000E+00	
High Coord	3.141590E+00	1.570000E+00		3.141590E+00	1.570000E+00	
Grid Type	UNIFORM	UNIFORM		UNIFORM	UNIFORM	
UOM	RAD	RAD		RAD	RAD	

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	16		16	1	
Grid Dim	400	200		400	200	
Low Coord	-180.000000E+00	-88.000000E+00		-180.000000E+00	-88.000000E+00	
High Coord	180.000000E+00	88.000000E+00		180.000000E+00	88.000000E+00	
Grid Type	UNIFORM	GAUSSIAN		UNIFORM	GAUSSIAN	
UOM	DEG_E	DEG_N		DEG_E	DEG_N	

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	32		1	32	
Grid Dim	120	90		120	90	
Low Coord	-3.141590E+00	-1.570000E+00		-3.141590E+00	-1.570000E+00	
High Coord	3.141590E+00	1.570000E+00		3.141590E+00	1.570000E+00	
Grid Type	UNIFORM	UNIFORM		UNIFORM	UNIFORM	
UOM	RAD	RAD		RAD	RAD	

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	32		1	32	
Grid Dim	400	200		400	200	
Low Coord	-180.000000E+00	-88.000000E+00		-180.000000E+00	-88.000000E+00	
High Coord	180.000000E+00	88.000000E+00		180.000000E+00	88.000000E+00	
Grid Type	UNIFORM	GAUSSIAN		UNIFORM	GAUSSIAN	

UOM	DEG_E	DEG_N		DEG_E	DEG_N	
-----	-------	-------	--	-------	-------	--

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	32		32	1	
Grid Dim	120	90		120	90	
Low Coord	-3.141590E+00	-1.570000E+00		-3.141590E+00	-1.570000E+00	
High Coord	3.141590E+00	1.570000E+00		3.141590E+00	1.570000E+00	
Grid Type	UNIFORM	UNIFORM		UNIFORM	UNIFORM	
UOM	RAD	RAD		RAD	RAD	

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	32		32	1	
Grid Dim	400	200		400	200	
Low Coord	-180.000000E+00	-88.000000E+00		-180.000000E+00	-88.000000E+00	
High Coord	180.000000E+00	88.000000E+00		180.000000E+00	88.000000E+00	
Grid Type	UNIFORM	GAUSSIAN		UNIFORM	GAUSSIAN	
UOM	DEG_E	DEG_N		DEG_E	DEG_N	

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	2	8		2	8	
Grid Dim	120	90		120	90	
Low Coord	-3.141590E+00	-1.570000E+00		-3.141590E+00	-1.570000E+00	
High Coord	3.141590E+00	1.570000E+00		3.141590E+00	1.570000E+00	
Grid Type	UNIFORM	UNIFORM		UNIFORM	UNIFORM	
UOM	RAD	RAD		RAD	RAD	

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	2	8		2	8	
Grid Dim	400	200		400	200	
Low Coord	-180.000000E+00	-88.000000E+00		-180.000000E+00	-88.000000E+00	
High Coord	180.000000E+00	88.000000E+00		180.000000E+00	88.000000E+00	
Grid Type	UNIFORM	GAUSSIAN		UNIFORM	GAUSSIAN	

UOM	DEG_E	DEG_N		DEG_E	DEG_N	
-----	-------	-------	--	-------	-------	--

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	2	8		8	2	
Grid Dim	120	90		120	90	
Low Coord	-3.141590E+00	-1.570000E+00		-3.141590E+00	-1.570000E+00	
High Coord	3.141590E+00	1.570000E+00		3.141590E+00	1.570000E+00	
Grid Type	UNIFORM	UNIFORM		UNIFORM	UNIFORM	
UOM	RAD	RAD		RAD	RAD	

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	2	8		8	2	
Grid Dim	400	200		400	200	
Low Coord	-180.000000E+00	-88.000000E+00		-180.000000E+00	-88.000000E+00	
High Coord	180.000000E+00	88.000000E+00		180.000000E+00	88.000000E+00	
Grid Type	UNIFORM	GAUSSIAN		UNIFORM	GAUSSIAN	
UOM	DEG_E	DEG_N		DEG_E	DEG_N	

Operation: REDISTRIBUTION

Descriptor: [B1G1;B2G2;B3G3] -> [B1G1;B2G2;B3G3]

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1	1	1	1	1
Grid Dim	160	80	40	160	80	40
Low Coord	-180.000000E+00	-88.000000E+00	0.000000E+00	-180.000000E+00	-88.000000E+00	0.000000E+00
High Coord	180.000000E+00	88.000000E+00	4.000000E+03	180.000000E+00	88.000000E+00	4.000000E+03
Grid Type	UNIFORM	GAUSSIAN	UNIFORM	UNIFORM	GAUSSIAN	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1	1	1	1	16
Grid Dim	160	80	40	160	80	40

Low Coord	-180.000000E+00	-88.000000E+00	0.000000E+00	-180.000000E+00	-88.000000E+00	0.000000E+00
High Coord	180.000000E+00	88.000000E+00	4.000000E+03	180.000000E+00	88.000000E+00	4.000000E+03
Grid Type	UNIFORM	GAUSSIAN	UNIFORM	UNIFORM	GAUSSIAN	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1	1	1	16	1
Grid Dim	160	80	40	160	80	40
Low Coord	-180.000000E+00	-88.000000E+00	0.000000E+00	-180.000000E+00	-88.000000E+00	0.000000E+00
High Coord	180.000000E+00	88.000000E+00	4.000000E+03	180.000000E+00	88.000000E+00	4.000000E+03
Grid Type	UNIFORM	GAUSSIAN	UNIFORM	UNIFORM	GAUSSIAN	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1	1	16	1	1
Grid Dim	160	80	40	160	80	40
Low Coord	-180.000000E+00	-88.000000E+00	0.000000E+00	-180.000000E+00	-88.000000E+00	0.000000E+00
High Coord	180.000000E+00	88.000000E+00	4.000000E+03	180.000000E+00	88.000000E+00	4.000000E+03
Grid Type	UNIFORM	GAUSSIAN	UNIFORM	UNIFORM	GAUSSIAN	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1	1	1	1	32
Grid Dim	160	80	40	160	80	40
Low Coord	-180.000000E+00	-88.000000E+00	0.000000E+00	-180.000000E+00	-88.000000E+00	0.000000E+00
High Coord	180.000000E+00	88.000000E+00	4.000000E+03	180.000000E+00	88.000000E+00	4.000000E+03
Grid Type	UNIFORM	GAUSSIAN	UNIFORM	UNIFORM	GAUSSIAN	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1	1	1	32	1
Grid Dim	160	80	40	160	80	40

Low Coord	-180.000000E+00	-88.000000E+00	0.000000E+00	-180.000000E+00	-88.000000E+00	0.000000E+00
High Coord	180.000000E+00	88.000000E+00	4.000000E+03	180.000000E+00	88.000000E+00	4.000000E+03
Grid Type	UNIFORM	GAUSSIAN	UNIFORM	UNIFORM	GAUSSIAN	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1	1	32	1	1
Grid Dim	160	80	40	160	80	40
Low Coord	-180.000000E+00	-88.000000E+00	0.000000E+00	-180.000000E+00	-88.000000E+00	0.000000E+00
High Coord	180.000000E+00	88.000000E+00	4.000000E+03	180.000000E+00	88.000000E+00	4.000000E+03
Grid Type	UNIFORM	GAUSSIAN	UNIFORM	UNIFORM	GAUSSIAN	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	2	2	2	8	1	8
Grid Dim	160	80	40	160	80	40
Low Coord	-180.000000E+00	-88.000000E+00	0.000000E+00	-180.000000E+00	-88.000000E+00	0.000000E+00
High Coord	180.000000E+00	88.000000E+00	4.000000E+03	180.000000E+00	88.000000E+00	4.000000E+03
Grid Type	UNIFORM	GAUSSIAN	UNIFORM	UNIFORM	GAUSSIAN	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	2	2	2	8	8	1
Grid Dim	160	80	40	160	80	40
Low Coord	-180.000000E+00	-88.000000E+00	0.000000E+00	-180.000000E+00	-88.000000E+00	0.000000E+00
High Coord	180.000000E+00	88.000000E+00	4.000000E+03	180.000000E+00	88.000000E+00	4.000000E+03
Grid Type	UNIFORM	GAUSSIAN	UNIFORM	UNIFORM	GAUSSIAN	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	2	2	2	1	8	8
Grid Dim	160	80	40	160	80	40

Low Coord	-180.000000E+00	-88.000000E+00	0.000000E+00	-180.000000E+00	-88.000000E+00	0.000000E+00
High Coord	180.000000E+00	88.000000E+00	4.000000E+03	180.000000E+00	88.000000E+00	4.000000E+03
Grid Type	UNIFORM	GAUSSIAN	UNIFORM	UNIFORM	GAUSSIAN	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

4.3 Test Suite: array_2_test.rc

Test Class: ARRAY

Timestamp: 2010/12/ 6 13:45:18

Operation: REDISTRIBUTION

Descriptor: [B1G1;B2G2] -> [B1G1;B2G2]

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1		1	1	
Grid Dim	60	30		60	30	
Low Coord	-180.000000E+00	-90.000000E+00		-180.000000E+00	-90.000000E+00	
High Coord	180.000000E+00	90.000000E+00		180.000000E+00	90.000000E+00	
Grid Type	UNIFORM	UNIFORM		UNIFORM	UNIFORM	
UOM	DEG_E	DEG_N		DEG_E	DEG_N	

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1		1	16	
Grid Dim	60	30		60	30	
Low Coord	-180.000000E+00	-90.000000E+00		-180.000000E+00	-90.000000E+00	
High Coord	180.000000E+00	90.000000E+00		180.000000E+00	90.000000E+00	
Grid Type	UNIFORM	UNIFORM		UNIFORM	UNIFORM	
UOM	DEG_E	DEG_N		DEG_E	DEG_N	

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1		16	1	
Grid Dim	60	30		60	30	

Low Coord	-180.000000E+00	-90.000000E+00		-180.000000E+00	-90.000000E+00	
High Coord	180.000000E+00	90.000000E+00		180.000000E+00	90.000000E+00	
Grid Type	UNIFORM	UNIFORM		UNIFORM	UNIFORM	
UOM	DEG_E	DEG_N		DEG_E	DEG_N	

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1		1	32	
Grid Dim	60	30		60	30	
Low Coord	-180.000000E+00	-90.000000E+00		-180.000000E+00	-90.000000E+00	
High Coord	180.000000E+00	90.000000E+00		180.000000E+00	90.000000E+00	
Grid Type	UNIFORM	UNIFORM		UNIFORM	UNIFORM	
UOM	DEG_E	DEG_N		DEG_E	DEG_N	

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1		32	1	
Grid Dim	60	30		60	30	
Low Coord	-180.000000E+00	-90.000000E+00		-180.000000E+00	-90.000000E+00	
High Coord	180.000000E+00	90.000000E+00		180.000000E+00	90.000000E+00	
Grid Type	UNIFORM	UNIFORM		UNIFORM	UNIFORM	
UOM	DEG_E	DEG_N		DEG_E	DEG_N	

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1		1	8	
Grid Dim	60	30		60	30	
Low Coord	-180.000000E+00	-90.000000E+00		-180.000000E+00	-90.000000E+00	
High Coord	180.000000E+00	90.000000E+00		180.000000E+00	90.000000E+00	
Grid Type	UNIFORM	UNIFORM		UNIFORM	UNIFORM	
UOM	DEG_E	DEG_N		DEG_E	DEG_N	

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1		8	1	
Grid Dim	60	30		60	30	

Low Coord	-180.000000E+00	-90.000000E+00		-180.000000E+00	-90.000000E+00	
High Coord	180.000000E+00	90.000000E+00		180.000000E+00	90.000000E+00	
Grid Type	UNIFORM	UNIFORM		UNIFORM	UNIFORM	
UOM	DEG_E	DEG_N		DEG_E	DEG_N	

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	16		1	16	
Grid Dim	60	30		60	30	
Low Coord	-180.000000E+00	-90.000000E+00		-180.000000E+00	-90.000000E+00	
High Coord	180.000000E+00	90.000000E+00		180.000000E+00	90.000000E+00	
Grid Type	UNIFORM	UNIFORM		UNIFORM	UNIFORM	
UOM	DEG_E	DEG_N		DEG_E	DEG_N	

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	16		16	1	
Grid Dim	60	30		60	30	
Low Coord	-180.000000E+00	-90.000000E+00		-180.000000E+00	-90.000000E+00	
High Coord	180.000000E+00	90.000000E+00		180.000000E+00	90.000000E+00	
Grid Type	UNIFORM	UNIFORM		UNIFORM	UNIFORM	
UOM	DEG_E	DEG_N		DEG_E	DEG_N	

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	32		1	32	
Grid Dim	60	30		60	30	
Low Coord	-180.000000E+00	-90.000000E+00		-180.000000E+00	-90.000000E+00	
High Coord	180.000000E+00	90.000000E+00		180.000000E+00	90.000000E+00	
Grid Type	UNIFORM	UNIFORM		UNIFORM	UNIFORM	
UOM	DEG_E	DEG_N		DEG_E	DEG_N	

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	32		32	1	
Grid Dim	60	30		60	30	

Low Coord	-180.000000E+00	-90.000000E+00		-180.000000E+00	-90.000000E+00	
High Coord	180.000000E+00	90.000000E+00		180.000000E+00	90.000000E+00	
Grid Type	UNIFORM	UNIFORM		UNIFORM	UNIFORM	
UOM	DEG_E	DEG_N		DEG_E	DEG_N	

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	8		8	1	
Grid Dim	60	30		60	30	
Low Coord	-180.000000E+00	-90.000000E+00		-180.000000E+00	-90.000000E+00	
High Coord	180.000000E+00	90.000000E+00		180.000000E+00	90.000000E+00	
Grid Type	UNIFORM	UNIFORM		UNIFORM	UNIFORM	
UOM	DEG_E	DEG_N		DEG_E	DEG_N	

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	8		8	1	
Grid Dim	60	30		60	30	
Low Coord	-180.000000E+00	-90.000000E+00		-180.000000E+00	-90.000000E+00	
High Coord	180.000000E+00	90.000000E+00		180.000000E+00	90.000000E+00	
Grid Type	UNIFORM	UNIFORM		UNIFORM	UNIFORM	
UOM	DEG_E	DEG_N		DEG_E	DEG_N	

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	4	4		4	4	
Grid Dim	60	30		60	30	
Low Coord	-180.000000E+00	-90.000000E+00		-180.000000E+00	-90.000000E+00	
High Coord	180.000000E+00	90.000000E+00		180.000000E+00	90.000000E+00	
Grid Type	UNIFORM	UNIFORM		UNIFORM	UNIFORM	
UOM	DEG_E	DEG_N		DEG_E	DEG_N	

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	2	8		2	8	
Grid Dim	60	30		60	30	

Low Coord	-180.000000E+00	-90.000000E+00		-180.000000E+00	-90.000000E+00	
High Coord	180.000000E+00	90.000000E+00		180.000000E+00	90.000000E+00	
Grid Type	UNIFORM	UNIFORM		UNIFORM	UNIFORM	
UOM	DEG_E	DEG_N		DEG_E	DEG_N	

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	2	8		8	2	
Grid Dim	60	30		60	30	
Low Coord	-180.000000E+00	-90.000000E+00		-180.000000E+00	-90.000000E+00	
High Coord	180.000000E+00	90.000000E+00		180.000000E+00	90.000000E+00	
Grid Type	UNIFORM	UNIFORM		UNIFORM	UNIFORM	
UOM	DEG_E	DEG_N		DEG_E	DEG_N	

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	16		1	15	
Grid Dim	60	30		60	30	
Low Coord	-180.000000E+00	-90.000000E+00		-180.000000E+00	-90.000000E+00	
High Coord	180.000000E+00	90.000000E+00		180.000000E+00	90.000000E+00	
Grid Type	UNIFORM	UNIFORM		UNIFORM	UNIFORM	
UOM	DEG_E	DEG_N		DEG_E	DEG_N	

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	4	4		4	3	
Grid Dim	60	30		60	30	
Low Coord	-180.000000E+00	-90.000000E+00		-180.000000E+00	-90.000000E+00	
High Coord	180.000000E+00	90.000000E+00		180.000000E+00	90.000000E+00	
Grid Type	UNIFORM	UNIFORM		UNIFORM	UNIFORM	
UOM	DEG_E	DEG_N		DEG_E	DEG_N	

Operation: REDISTRIBUTION
Descriptor: [B1G1;B2G2] -> [B2G2;B1G1]

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1		1	1	
Grid Dim	60	30		60	30	
Low Coord	-180.000000E+00	-90.000000E+00		-180.000000E+00	-90.000000E+00	
High Coord	180.000000E+00	90.000000E+00		180.000000E+00	90.000000E+00	
Grid Type	UNIFORM	UNIFORM		UNIFORM	UNIFORM	
UOM	DEG_E	DEG_N		DEG_E	DEG_N	

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1		1	16	
Grid Dim	60	30		60	30	
Low Coord	-180.000000E+00	-90.000000E+00		-180.000000E+00	-90.000000E+00	
High Coord	180.000000E+00	90.000000E+00		180.000000E+00	90.000000E+00	
Grid Type	UNIFORM	UNIFORM		UNIFORM	UNIFORM	
UOM	DEG_E	DEG_N		DEG_E	DEG_N	

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1		16	1	
Grid Dim	60	30		60	30	
Low Coord	-180.000000E+00	-90.000000E+00		-180.000000E+00	-90.000000E+00	
High Coord	180.000000E+00	90.000000E+00		180.000000E+00	90.000000E+00	
Grid Type	UNIFORM	UNIFORM		UNIFORM	UNIFORM	
UOM	DEG_E	DEG_N		DEG_E	DEG_N	

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1		1	32	
Grid Dim	60	30		60	30	
Low Coord	-180.000000E+00	-90.000000E+00		-180.000000E+00	-90.000000E+00	
High Coord	180.000000E+00	90.000000E+00		180.000000E+00	90.000000E+00	
Grid Type	UNIFORM	UNIFORM		UNIFORM	UNIFORM	
UOM	DEG_E	DEG_N		DEG_E	DEG_N	

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1		32	1	
Grid Dim	60	30		60	30	
Low Coord	-180.000000E+00	-90.000000E+00		-180.000000E+00	-90.000000E+00	
High Coord	180.000000E+00	90.000000E+00		180.000000E+00	90.000000E+00	
Grid Type	UNIFORM	UNIFORM		UNIFORM	UNIFORM	
UOM	DEG_E	DEG_N		DEG_E	DEG_N	

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1		1	8	
Grid Dim	60	30		60	30	
Low Coord	-180.000000E+00	-90.000000E+00		-180.000000E+00	-90.000000E+00	
High Coord	180.000000E+00	90.000000E+00		180.000000E+00	90.000000E+00	
Grid Type	UNIFORM	UNIFORM		UNIFORM	UNIFORM	
UOM	DEG_E	DEG_N		DEG_E	DEG_N	

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1		8	1	
Grid Dim	60	30		60	30	
Low Coord	-180.000000E+00	-90.000000E+00		-180.000000E+00	-90.000000E+00	
High Coord	180.000000E+00	90.000000E+00		180.000000E+00	90.000000E+00	
Grid Type	UNIFORM	UNIFORM		UNIFORM	UNIFORM	
UOM	DEG_E	DEG_N		DEG_E	DEG_N	

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	16		1	16	
Grid Dim	60	30		60	30	
Low Coord	-180.000000E+00	-90.000000E+00		-180.000000E+00	-90.000000E+00	
High Coord	180.000000E+00	90.000000E+00		180.000000E+00	90.000000E+00	
Grid Type	UNIFORM	UNIFORM		UNIFORM	UNIFORM	
UOM	DEG_E	DEG_N		DEG_E	DEG_N	

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	16		16	1	
Grid Dim	60	30		60	30	
Low Coord	-180.000000E+00	-90.000000E+00		-180.000000E+00	-90.000000E+00	
High Coord	180.000000E+00	90.000000E+00		180.000000E+00	90.000000E+00	
Grid Type	UNIFORM	UNIFORM		UNIFORM	UNIFORM	
UOM	DEG_E	DEG_N		DEG_E	DEG_N	

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	32		1	32	
Grid Dim	60	30		60	30	
Low Coord	-180.000000E+00	-90.000000E+00		-180.000000E+00	-90.000000E+00	
High Coord	180.000000E+00	90.000000E+00		180.000000E+00	90.000000E+00	
Grid Type	UNIFORM	UNIFORM		UNIFORM	UNIFORM	
UOM	DEG_E	DEG_N		DEG_E	DEG_N	

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	32		32	1	
Grid Dim	60	30		60	30	
Low Coord	-180.000000E+00	-90.000000E+00		-180.000000E+00	-90.000000E+00	
High Coord	180.000000E+00	90.000000E+00		180.000000E+00	90.000000E+00	
Grid Type	UNIFORM	UNIFORM		UNIFORM	UNIFORM	
UOM	DEG_E	DEG_N		DEG_E	DEG_N	

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	8		8	1	
Grid Dim	60	30		60	30	
Low Coord	-180.000000E+00	-90.000000E+00		-180.000000E+00	-90.000000E+00	
High Coord	180.000000E+00	90.000000E+00		180.000000E+00	90.000000E+00	
Grid Type	UNIFORM	UNIFORM		UNIFORM	UNIFORM	
UOM	DEG_E	DEG_N		DEG_E	DEG_N	

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	8		8	1	
Grid Dim	60	30		60	30	
Low Coord	-180.000000E+00	-90.000000E+00		-180.000000E+00	-90.000000E+00	
High Coord	180.000000E+00	90.000000E+00		180.000000E+00	90.000000E+00	
Grid Type	UNIFORM	UNIFORM		UNIFORM	UNIFORM	
UOM	DEG_E	DEG_N		DEG_E	DEG_N	

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	4	4		4	4	
Grid Dim	60	30		60	30	
Low Coord	-180.000000E+00	-90.000000E+00		-180.000000E+00	-90.000000E+00	
High Coord	180.000000E+00	90.000000E+00		180.000000E+00	90.000000E+00	
Grid Type	UNIFORM	UNIFORM		UNIFORM	UNIFORM	
UOM	DEG_E	DEG_N		DEG_E	DEG_N	

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	2	8		2	8	
Grid Dim	60	30		60	30	
Low Coord	-180.000000E+00	-90.000000E+00		-180.000000E+00	-90.000000E+00	
High Coord	180.000000E+00	90.000000E+00		180.000000E+00	90.000000E+00	
Grid Type	UNIFORM	UNIFORM		UNIFORM	UNIFORM	
UOM	DEG_E	DEG_N		DEG_E	DEG_N	

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	2	8		8	2	
Grid Dim	60	30		60	30	
Low Coord	-180.000000E+00	-90.000000E+00		-180.000000E+00	-90.000000E+00	
High Coord	180.000000E+00	90.000000E+00		180.000000E+00	90.000000E+00	
Grid Type	UNIFORM	UNIFORM		UNIFORM	UNIFORM	
UOM	DEG_E	DEG_N		DEG_E	DEG_N	

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	16		1	15	
Grid Dim	60	30		60	30	
Low Coord	-180.000000E+00	-90.000000E+00		-180.000000E+00	-90.000000E+00	
High Coord	180.000000E+00	90.000000E+00		180.000000E+00	90.000000E+00	
Grid Type	UNIFORM	UNIFORM		UNIFORM	UNIFORM	
UOM	DEG_E	DEG_N		DEG_E	DEG_N	

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	4	4		4	3	
Grid Dim	60	30		60	30	
Low Coord	-180.000000E+00	-90.000000E+00		-180.000000E+00	-90.000000E+00	
High Coord	180.000000E+00	90.000000E+00		180.000000E+00	90.000000E+00	
Grid Type	UNIFORM	UNIFORM		UNIFORM	UNIFORM	
UOM	DEG_E	DEG_N		DEG_E	DEG_N	

Operation: REDISTRIBUTION
Descriptor: [B2G2;B1G1] -> [B1G1;B2G2]

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1		1	1	
Grid Dim	60	30		60	30	
Low Coord	-180.000000E+00	-90.000000E+00		-180.000000E+00	-90.000000E+00	
High Coord	180.000000E+00	90.000000E+00		180.000000E+00	90.000000E+00	
Grid Type	UNIFORM	UNIFORM		UNIFORM	UNIFORM	
UOM	DEG_E	DEG_N		DEG_E	DEG_N	

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1		1	16	
Grid Dim	60	30		60	30	
Low Coord	-180.000000E+00	-90.000000E+00		-180.000000E+00	-90.000000E+00	
High Coord	180.000000E+00	90.000000E+00		180.000000E+00	90.000000E+00	
Grid Type	UNIFORM	UNIFORM		UNIFORM	UNIFORM	

UOM	DEG_E	DEG_N		DEG_E	DEG_N	
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	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1		16	1	
Grid Dim	60	30		60	30	
Low Coord	-180.000000E+00	-90.000000E+00		-180.000000E+00	-90.000000E+00	
High Coord	180.000000E+00	90.000000E+00		180.000000E+00	90.000000E+00	
Grid Type	UNIFORM	UNIFORM		UNIFORM	UNIFORM	
UOM	DEG_E	DEG_N		DEG_E	DEG_N	

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1		1	32	
Grid Dim	60	30		60	30	
Low Coord	-180.000000E+00	-90.000000E+00		-180.000000E+00	-90.000000E+00	
High Coord	180.000000E+00	90.000000E+00		180.000000E+00	90.000000E+00	
Grid Type	UNIFORM	UNIFORM		UNIFORM	UNIFORM	
UOM	DEG_E	DEG_N		DEG_E	DEG_N	

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1		32	1	
Grid Dim	60	30		60	30	
Low Coord	-180.000000E+00	-90.000000E+00		-180.000000E+00	-90.000000E+00	
High Coord	180.000000E+00	90.000000E+00		180.000000E+00	90.000000E+00	
Grid Type	UNIFORM	UNIFORM		UNIFORM	UNIFORM	
UOM	DEG_E	DEG_N		DEG_E	DEG_N	

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1		1	8	
Grid Dim	60	30		60	30	
Low Coord	-180.000000E+00	-90.000000E+00		-180.000000E+00	-90.000000E+00	
High Coord	180.000000E+00	90.000000E+00		180.000000E+00	90.000000E+00	
Grid Type	UNIFORM	UNIFORM		UNIFORM	UNIFORM	

UOM	DEG_E	DEG_N		DEG_E	DEG_N	
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	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1		8	1	
Grid Dim	60	30		60	30	
Low Coord	-180.000000E+00	-90.000000E+00		-180.000000E+00	-90.000000E+00	
High Coord	180.000000E+00	90.000000E+00		180.000000E+00	90.000000E+00	
Grid Type	UNIFORM	UNIFORM		UNIFORM	UNIFORM	
UOM	DEG_E	DEG_N		DEG_E	DEG_N	

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	16		1	16	
Grid Dim	60	30		60	30	
Low Coord	-180.000000E+00	-90.000000E+00		-180.000000E+00	-90.000000E+00	
High Coord	180.000000E+00	90.000000E+00		180.000000E+00	90.000000E+00	
Grid Type	UNIFORM	UNIFORM		UNIFORM	UNIFORM	
UOM	DEG_E	DEG_N		DEG_E	DEG_N	

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	16		16	1	
Grid Dim	60	30		60	30	
Low Coord	-180.000000E+00	-90.000000E+00		-180.000000E+00	-90.000000E+00	
High Coord	180.000000E+00	90.000000E+00		180.000000E+00	90.000000E+00	
Grid Type	UNIFORM	UNIFORM		UNIFORM	UNIFORM	
UOM	DEG_E	DEG_N		DEG_E	DEG_N	

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	32		1	32	
Grid Dim	60	30		60	30	
Low Coord	-180.000000E+00	-90.000000E+00		-180.000000E+00	-90.000000E+00	
High Coord	180.000000E+00	90.000000E+00		180.000000E+00	90.000000E+00	
Grid Type	UNIFORM	UNIFORM		UNIFORM	UNIFORM	

UOM	DEG_E	DEG_N		DEG_E	DEG_N	
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	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	32		32	1	
Grid Dim	60	30		60	30	
Low Coord	-180.000000E+00	-90.000000E+00		-180.000000E+00	-90.000000E+00	
High Coord	180.000000E+00	90.000000E+00		180.000000E+00	90.000000E+00	
Grid Type	UNIFORM	UNIFORM		UNIFORM	UNIFORM	
UOM	DEG_E	DEG_N		DEG_E	DEG_N	

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	8		8	1	
Grid Dim	60	30		60	30	
Low Coord	-180.000000E+00	-90.000000E+00		-180.000000E+00	-90.000000E+00	
High Coord	180.000000E+00	90.000000E+00		180.000000E+00	90.000000E+00	
Grid Type	UNIFORM	UNIFORM		UNIFORM	UNIFORM	
UOM	DEG_E	DEG_N		DEG_E	DEG_N	

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	8		8	1	
Grid Dim	60	30		60	30	
Low Coord	-180.000000E+00	-90.000000E+00		-180.000000E+00	-90.000000E+00	
High Coord	180.000000E+00	90.000000E+00		180.000000E+00	90.000000E+00	
Grid Type	UNIFORM	UNIFORM		UNIFORM	UNIFORM	
UOM	DEG_E	DEG_N		DEG_E	DEG_N	

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	4	4		4	4	
Grid Dim	60	30		60	30	
Low Coord	-180.000000E+00	-90.000000E+00		-180.000000E+00	-90.000000E+00	
High Coord	180.000000E+00	90.000000E+00		180.000000E+00	90.000000E+00	
Grid Type	UNIFORM	UNIFORM		UNIFORM	UNIFORM	

UOM	DEG_E	DEG_N		DEG_E	DEG_N	
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	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	2	8		2	8	
Grid Dim	60	30		60	30	
Low Coord	-180.000000E+00	-90.000000E+00		-180.000000E+00	-90.000000E+00	
High Coord	180.000000E+00	90.000000E+00		180.000000E+00	90.000000E+00	
Grid Type	UNIFORM	UNIFORM		UNIFORM	UNIFORM	
UOM	DEG_E	DEG_N		DEG_E	DEG_N	

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	2	8		8	2	
Grid Dim	60	30		60	30	
Low Coord	-180.000000E+00	-90.000000E+00		-180.000000E+00	-90.000000E+00	
High Coord	180.000000E+00	90.000000E+00		180.000000E+00	90.000000E+00	
Grid Type	UNIFORM	UNIFORM		UNIFORM	UNIFORM	
UOM	DEG_E	DEG_N		DEG_E	DEG_N	

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	16		1	15	
Grid Dim	60	30		60	30	
Low Coord	-180.000000E+00	-90.000000E+00		-180.000000E+00	-90.000000E+00	
High Coord	180.000000E+00	90.000000E+00		180.000000E+00	90.000000E+00	
Grid Type	UNIFORM	UNIFORM		UNIFORM	UNIFORM	
UOM	DEG_E	DEG_N		DEG_E	DEG_N	

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	4	4		4	3	
Grid Dim	60	30		60	30	
Low Coord	-180.000000E+00	-90.000000E+00		-180.000000E+00	-90.000000E+00	
High Coord	180.000000E+00	90.000000E+00		180.000000E+00	90.000000E+00	
Grid Type	UNIFORM	UNIFORM		UNIFORM	UNIFORM	

UOM	DEG_E	DEG_N		DEG_E	DEG_N	
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Operation: REDISTRIBUTION

Descriptor: [B1G1;B2G2;B3G3] -> [B1G1;B2G2;B3G3]

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1	1	1	1	1
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1	1	1	1	16
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1	1	1	16	1
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1	1	16	1	1
Grid Dim	20	20	20	20	20	20

Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1	1	1	1	32
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1	1	1	32	1
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1	1	32	1	1
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1	1	1	1	8
Grid Dim	20	20	20	20	20	20

Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1	1	1	8	1
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1	1	8	1	1
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1	1	8	1	2
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1	1	8	2	1
Grid Dim	20	20	20	20	20	20

Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1	1	2	8	1
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1	1	1	8	2
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1	1	2	1	8
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1	1	1	2	8
Grid Dim	20	20	20	20	20	20

Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1	1	2	2	2
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1	1	1	2	4
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1	1	4	2	4
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	2	2	2	2	2	2
Grid Dim	20	20	20	20	20	20

Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	2	2	2	2	2	1
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	2	2	2	2	1	2
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	2	2	2	1	2	2
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	2	2	2	2	1	8
Grid Dim	20	20	20	20	20	20

Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	2	2	2	8	1	8
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	2	2	2	2	8	1
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	2	2	2	8	8	1
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	2	2	2	1	2	8
Grid Dim	20	20	20	20	20	20

Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	2	2	2	1	8	8
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

Operation: REDISTRIBUTION

Descriptor: [B1G1;B2G2;B3G3] -> [B1G1;B3G3;B2G2]

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1	1	1	1	1
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1	1	1	1	16
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1	1	1	16	1
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1	1	16	1	1
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1	1	1	1	32
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1	1	1	32	1
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1	1	32	1	1
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1	1	1	1	8
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1	1	1	8	1
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1	1	8	1	1
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1	1	8	1	2
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1	1	8	2	1
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1	1	2	8	1
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1	1	1	8	2
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1	1	2	1	8
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1	1	1	2	8
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1	1	2	2	2
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1	1	1	2	4
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1	1	4	2	4
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	2	2	2	2	2	2
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	2	2	2	2	2	1
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	2	2	2	2	1	2
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	2	2	2	1	2	2
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	2	2	2	2	1	8
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	2	2	2	8	1	8
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	2	2	2	2	8	1
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	2	2	2	8	8	1
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	2	2	2	1	2	8
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	2	2	2	1	8	8
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

Operation: REDISTRIBUTION

Descriptor: [B1G1;B2G2;B3G3] -> [B2G2;B1G1;B3G3]

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1	1	1	1	1
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM

UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS
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	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1	1	1	1	16
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1	1	1	16	1
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1	1	16	1	1
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1	1	1	1	32
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM

UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS
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	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1	1	1	32	1
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1	1	32	1	1
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1	1	1	1	8
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1	1	1	8	1
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM

UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS
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	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1	1	8	1	1
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1	1	8	1	2
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1	1	8	2	1
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1	1	2	8	1
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM

UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS
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	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1	1	1	8	2
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1	1	2	1	8
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1	1	1	2	8
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1	1	2	2	2
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM

UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS
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	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1	1	1	2	4
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1	1	4	2	4
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	2	2	2	2	2	2
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	2	2	2	2	2	1
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM

UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS
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	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	2	2	2	2	1	2
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	2	2	2	1	2	2
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	2	2	2	2	1	8
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	2	2	2	8	1	8
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM

UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS
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	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	2	2	2	2	8	1
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	2	2	2	8	8	1
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	2	2	2	1	2	8
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	2	2	2	1	8	8
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM

UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS
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Operation: REDISTRIBUTION

Descriptor: [B1G1;B2G2;B3G3] -> [B3G3;B1G1;B2G2]

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1	1	1	1	1
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1	1	1	1	16
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1	1	1	16	1
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1	1	16	1	1
Grid Dim	20	20	20	20	20	20

Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1	1	1	1	32
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1	1	1	32	1
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1	1	32	1	1
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1	1	1	1	8
Grid Dim	20	20	20	20	20	20

Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1	1	1	8	1
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1	1	8	1	1
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1	1	8	1	2
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1	1	8	2	1
Grid Dim	20	20	20	20	20	20

Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1	1	2	8	1
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1	1	1	8	2
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1	1	2	1	8
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1	1	1	2	8
Grid Dim	20	20	20	20	20	20

Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1	1	2	2	2
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1	1	1	2	4
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1	1	4	2	4
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	2	2	2	2	2	2
Grid Dim	20	20	20	20	20	20

Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	2	2	2	2	2	1
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	2	2	2	2	1	2
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	2	2	2	1	2	2
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	2	2	2	2	1	8
Grid Dim	20	20	20	20	20	20

Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	2	2	2	8	1	8
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	2	2	2	2	8	1
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	2	2	2	8	8	1
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	2	2	2	1	2	8
Grid Dim	20	20	20	20	20	20

Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	2	2	2	1	8	8
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

Operation: REDISTRIBUTION

Descriptor: [B1G1;B2G2;B3G3] -> [B2G2;B3G3;B1G1]

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1	1	1	1	1
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1	1	1	1	16
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1	1	1	16	1
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1	1	16	1	1
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1	1	1	1	32
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1	1	1	32	1
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1	1	32	1	1
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1	1	1	1	8
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1	1	1	8	1
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1	1	8	1	1
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1	1	8	1	2
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1	1	8	2	1
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1	1	2	8	1
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1	1	1	8	2
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1	1	2	1	8
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1	1	1	2	8
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1	1	2	2	2
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1	1	1	2	4
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1	1	4	2	4
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	2	2	2	2	2	2
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	2	2	2	2	2	1
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	2	2	2	2	1	2
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	2	2	2	1	2	2
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	2	2	2	2	1	8
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	2	2	2	8	1	8
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	2	2	2	2	8	1
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	2	2	2	8	8	1
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	2	2	2	1	2	8
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	2	2	2	1	8	8
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

Operation: REDISTRIBUTION

Descriptor: [B1G1;B2G2;B3G3] -> [B3G3;B2G2;B1G1]

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1	1	1	1	1
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM

UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS
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	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1	1	1	1	16
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1	1	1	16	1
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1	1	16	1	1
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1	1	1	1	32
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM

UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS
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	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1	1	1	32	1
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1	1	32	1	1
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1	1	1	1	8
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1	1	1	8	1
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM

UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS
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	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1	1	8	1	1
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1	1	8	1	2
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1	1	8	2	1
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1	1	2	8	1
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM

UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS
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	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1	1	1	8	2
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1	1	2	1	8
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1	1	1	2	8
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1	1	2	2	2
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM

UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS
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	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1	1	1	2	4
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1	1	4	2	4
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	2	2	2	2	2	2
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	2	2	2	2	2	1
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM

UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS
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	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	2	2	2	2	1	2
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	2	2	2	1	2	2
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	2	2	2	2	1	8
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	2	2	2	8	1	8
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM

UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS
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	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	2	2	2	2	8	1
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	2	2	2	8	8	1
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	2	2	2	1	2	8
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	2	2	2	1	8	8
Grid Dim	20	20	20	20	20	20
Low Coord	-180.000000E+00	-80.000000E+00	0.000000E+00	-180.000000E+00	-80.000000E+00	0.000000E+00
High Coord	180.000000E+00	80.000000E+00	4.000000E+03	180.000000E+00	80.000000E+00	4.000000E+03
Grid Type	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM	UNIFORM

UOM	DEG_E	DEG_N	METERS	DEG_E	DEG_N	METERS
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5 Test Harness Field Test Case Description

This section shows the complete coverage of a test harness test case for the ESMF_Field class. Each table displays the source and destination values for all dimensions for several parameters. The grid parameters are used to define the source and destination grids for regridding operations. Also, can be used to initialize values in the field.

5.1 Test Suite: field_default_test.rc

Test Class: FIELD

Timestamp: 2010/12/ 6 13:45:23

Operation: Bilinear REGRID

Descriptor: [B1G1;B2G2] =B=> [B1G1;B2G2]

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1		1	1	
Grid Dim	20	20		50	50	
Low Coord	-20.000000E+00	-20.000000E+00		-10.000000E+00	-10.000000E+00	
High Coord	20.000000E+00	20.000000E+00		10.000000E+00	10.000000E+00	
Grid Type	UNIFORM	UNIFORM		UNIFORM	UNIFORM	
UOM	DEG_E	DEG_N		DEG_E	DEG_N	

5.2 Test Suite: field_1_test.rc

Test Class: FIELD

Timestamp: 2010/12/ 6 13:45:27

Operation: Bilinear REGRID

Descriptor: [B1G1;B2G2] =B=> [B1G1;B2G2]

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1		1	1	
Grid Dim	120	90		120	88	
Low Coord	-3.141593E+00	-1.570796E+00		-3.071700E+00	-1.430000E+00	
High Coord	3.141593E+00	1.570796E+00		3.071700E+00	1.430000E+00	
Grid Type	UNIFORM	UNIFORM		UNIFORM	GAUSSIAN	
UOM	RADIANS	RADIANS		RADIANS	RADIANS	

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1		1	1	
Grid Dim	120	90		120	88	
Low Coord	-180.000000E+00	-90.000000E+00		-170.000000E+00	-88.000000E+00	
High Coord	180.000000E+00	90.000000E+00		170.000000E+00	88.000000E+00	
Grid Type	UNIFORM	UNIFORM		UNIFORM	GAUSSIAN	
UOM	DEG_E	DEG_N		DEG_E	DEG_N	

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1		1	1	
Grid Dim	120	90		100	100	
Low Coord	-180.000000E+00	-90.000000E+00		0.000000E+00	0.000000E+00	
High Coord	180.000000E+00	90.000000E+00		45.000000E+00	45.000000E+00	
Grid Type	UNIFORM	UNIFORM		UNIFORM	UNIFORM	
UOM	DEG_E	DEG_N		DEG_E	DEG_N	

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1		1	1	
Grid Dim	120	88		100	100	
Low Coord	-180.000000E+00	-88.000000E+00		0.000000E+00	0.000000E+00	
High Coord	180.000000E+00	88.000000E+00		45.000000E+00	45.000000E+00	
Grid Type	UNIFORM	GAUSSIAN		UNIFORM	UNIFORM	
UOM	DEG_E	DEG_N		DEG_E	DEG_N	

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1		1	1	
Grid Dim	120	88		100	100	
Low Coord	-180.000000E+00	-88.000000E+00		0.000000E+00	0.000000E+00	
High Coord	180.000000E+00	88.000000E+00		45.000000E+00	45.000000E+00	
Grid Type	UNIFORM	GAUSSIAN		UNIFORM	GAUSSIAN	
UOM	DEG_E	DEG_N		DEG_E	DEG_N	

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1		1	16	
Grid Dim	120	90		120	88	
Low Coord	-3.141593E+00	-1.570796E+00		-3.071700E+00	-1.430000E+00	
High Coord	3.141593E+00	1.570796E+00		3.071700E+00	1.430000E+00	
Grid Type	UNIFORM	UNIFORM		UNIFORM	GAUSSIAN	
UOM	RADIANS	RADIANS		RADIANS	RADIANS	

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1		1	16	
Grid Dim	120	90		120	88	
Low Coord	-180.000000E+00	-90.000000E+00		-170.000000E+00	-88.000000E+00	
High Coord	180.000000E+00	90.000000E+00		170.000000E+00	88.000000E+00	
Grid Type	UNIFORM	UNIFORM		UNIFORM	GAUSSIAN	
UOM	DEG_E	DEG_N		DEG_E	DEG_N	

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1		1	16	
Grid Dim	120	90		100	100	
Low Coord	-180.000000E+00	-90.000000E+00		0.000000E+00	0.000000E+00	
High Coord	180.000000E+00	90.000000E+00		45.000000E+00	45.000000E+00	
Grid Type	UNIFORM	UNIFORM		UNIFORM	UNIFORM	
UOM	DEG_E	DEG_N		DEG_E	DEG_N	

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1		1	16	
Grid Dim	120	88		100	100	
Low Coord	-180.000000E+00	-88.000000E+00		0.000000E+00	0.000000E+00	
High Coord	180.000000E+00	88.000000E+00		45.000000E+00	45.000000E+00	
Grid Type	UNIFORM	GAUSSIAN		UNIFORM	UNIFORM	
UOM	DEG_E	DEG_N		DEG_E	DEG_N	

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1		1	16	
Grid Dim	120	88		100	100	
Low Coord	-180.000000E+00	-88.000000E+00		0.000000E+00	0.000000E+00	
High Coord	180.000000E+00	88.000000E+00		45.000000E+00	45.000000E+00	
Grid Type	UNIFORM	GAUSSIAN		UNIFORM	GAUSSIAN	
UOM	DEG_E	DEG_N		DEG_E	DEG_N	

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1		1	32	
Grid Dim	120	90		120	88	
Low Coord	-3.141593E+00	-1.570796E+00		-3.071700E+00	-1.430000E+00	
High Coord	3.141593E+00	1.570796E+00		3.071700E+00	1.430000E+00	
Grid Type	UNIFORM	UNIFORM		UNIFORM	GAUSSIAN	
UOM	RADIANS	RADIANS		RADIANS	RADIANS	

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1		1	32	
Grid Dim	120	90		120	88	
Low Coord	-180.000000E+00	-90.000000E+00		-170.000000E+00	-88.000000E+00	
High Coord	180.000000E+00	90.000000E+00		170.000000E+00	88.000000E+00	
Grid Type	UNIFORM	UNIFORM		UNIFORM	GAUSSIAN	
UOM	DEG_E	DEG_N		DEG_E	DEG_N	

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1		1	32	
Grid Dim	120	90		100	100	
Low Coord	-180.000000E+00	-90.000000E+00		0.000000E+00	0.000000E+00	
High Coord	180.000000E+00	90.000000E+00		45.000000E+00	45.000000E+00	
Grid Type	UNIFORM	UNIFORM		UNIFORM	UNIFORM	
UOM	DEG_E	DEG_N		DEG_E	DEG_N	

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1		1	32	
Grid Dim	120	88		100	100	
Low Coord	-180.000000E+00	-88.000000E+00		0.000000E+00	0.000000E+00	
High Coord	180.000000E+00	88.000000E+00		45.000000E+00	45.000000E+00	
Grid Type	UNIFORM	GAUSSIAN		UNIFORM	UNIFORM	
UOM	DEG_E	DEG_N		DEG_E	DEG_N	

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1		1	32	
Grid Dim	120	88		100	100	
Low Coord	-180.000000E+00	-88.000000E+00		0.000000E+00	0.000000E+00	
High Coord	180.000000E+00	88.000000E+00		45.000000E+00	45.000000E+00	
Grid Type	UNIFORM	GAUSSIAN		UNIFORM	GAUSSIAN	
UOM	DEG_E	DEG_N		DEG_E	DEG_N	

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	16		1	16	
Grid Dim	120	90		120	88	
Low Coord	-3.141593E+00	-1.570796E+00		-3.071700E+00	-1.430000E+00	
High Coord	3.141593E+00	1.570796E+00		3.071700E+00	1.430000E+00	
Grid Type	UNIFORM	UNIFORM		UNIFORM	GAUSSIAN	
UOM	RADIANS	RADIANS		RADIANS	RADIANS	

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	16		1	16	
Grid Dim	120	90		120	88	
Low Coord	-180.000000E+00	-90.000000E+00		-170.000000E+00	-88.000000E+00	
High Coord	180.000000E+00	90.000000E+00		170.000000E+00	88.000000E+00	
Grid Type	UNIFORM	UNIFORM		UNIFORM	GAUSSIAN	
UOM	DEG_E	DEG_N		DEG_E	DEG_N	

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	16		1	16	
Grid Dim	120	90		100	100	
Low Coord	-180.000000E+00	-90.000000E+00		0.000000E+00	0.000000E+00	
High Coord	180.000000E+00	90.000000E+00		45.000000E+00	45.000000E+00	
Grid Type	UNIFORM	UNIFORM		UNIFORM	UNIFORM	
UOM	DEG_E	DEG_N		DEG_E	DEG_N	

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	16		1	16	
Grid Dim	120	88		100	100	
Low Coord	-180.000000E+00	-88.000000E+00		0.000000E+00	0.000000E+00	
High Coord	180.000000E+00	88.000000E+00		45.000000E+00	45.000000E+00	
Grid Type	UNIFORM	GAUSSIAN		UNIFORM	UNIFORM	
UOM	DEG_E	DEG_N		DEG_E	DEG_N	

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	16		1	16	
Grid Dim	120	88		100	100	
Low Coord	-180.000000E+00	-88.000000E+00		0.000000E+00	0.000000E+00	
High Coord	180.000000E+00	88.000000E+00		45.000000E+00	45.000000E+00	
Grid Type	UNIFORM	GAUSSIAN		UNIFORM	GAUSSIAN	
UOM	DEG_E	DEG_N		DEG_E	DEG_N	

Operation: Bilinear REGRID

Descriptor: [B1G1;B2G2;B3G3] =B=> [B1G1;B2G2;B3G3]

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1	1	1	1	1
Grid Dim	60	45	20	60	44	10
Low Coord	-3.141593E+00	-1.570796E+00	0.000000E+00	-3.071700E+00	-1.430000E+00	0.000000E+00
High Coord	3.141593E+00	1.570796E+00	4.000000E+03	3.071700E+00	1.430000E+00	3.000000E+03
Grid Type	UNIFORM_PERIODIC	UNIFORM_POLE	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	RADIANS	RADIANS	M	RADIANS	RADIANS	M

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1	1	1	1	1
Grid Dim	60	45	30	60	44	20
Low Coord	-180.000000E+00	-90.000000E+00	0.000000E+00	-170.000000E+00	-88.000000E+00	0.000000E+00
High Coord	180.000000E+00	90.000000E+00	4.000000E+03	170.000000E+00	88.000000E+00	2.000000E+03
Grid Type	UNIFORM_PERIODIC	UNIFORM_POLE	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	M	DEG_E	DEG_N	M

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1	1	1	16	1
Grid Dim	60	45	20	60	44	10
Low Coord	-3.141593E+00	-1.570796E+00	0.000000E+00	-3.071700E+00	-1.430000E+00	0.000000E+00
High Coord	3.141593E+00	1.570796E+00	4.000000E+03	3.071700E+00	1.430000E+00	3.000000E+03
Grid Type	UNIFORM_PERIODIC	UNIFORM_POLE	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	RADIANS	RADIANS	M	RADIANS	RADIANS	M

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1	1	1	16	1
Grid Dim	60	45	30	60	44	20
Low Coord	-180.000000E+00	-90.000000E+00	0.000000E+00	-170.000000E+00	-88.000000E+00	0.000000E+00
High Coord	180.000000E+00	90.000000E+00	4.000000E+03	170.000000E+00	88.000000E+00	2.000000E+03
Grid Type	UNIFORM_PERIODIC	UNIFORM_POLE	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	M	DEG_E	DEG_N	M

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1	1	1	32	1
Grid Dim	60	45	20	60	44	10
Low Coord	-3.141593E+00	-1.570796E+00	0.000000E+00	-3.071700E+00	-1.430000E+00	0.000000E+00
High Coord	3.141593E+00	1.570796E+00	4.000000E+03	3.071700E+00	1.430000E+00	3.000000E+03
Grid Type	UNIFORM_PERIODIC	UNIFORM_POLE	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	RADIANS	RADIANS	M	RADIANS	RADIANS	M

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	1	1	1	32	1
Grid Dim	60	45	30	60	44	20
Low Coord	-180.000000E+00	-90.000000E+00	0.000000E+00	-170.000000E+00	-88.000000E+00	0.000000E+00
High Coord	180.000000E+00	90.000000E+00	4.000000E+03	170.000000E+00	88.000000E+00	2.000000E+03
Grid Type	UNIFORM_PERIODIC	UNIFORM_POLE	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	M	DEG_E	DEG_N	M

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	16	1	1	16	1
Grid Dim	60	45	20	60	44	10
Low Coord	-3.141593E+00	-1.570796E+00	0.000000E+00	-3.071700E+00	-1.430000E+00	0.000000E+00
High Coord	3.141593E+00	1.570796E+00	4.000000E+03	3.071700E+00	1.430000E+00	3.000000E+03
Grid Type	UNIFORM_PERIODIC	UNIFORM_POLE	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	RADIANS	RADIANS	M	RADIANS	RADIANS	M

	Source			Destination		
	X	Y	Z	X	Y	Z
Dist Dim	1	16	1	1	16	1
Grid Dim	60	45	30	60	44	20
Low Coord	-180.000000E+00	-90.000000E+00	0.000000E+00	-170.000000E+00	-88.000000E+00	0.000000E+00
High Coord	180.000000E+00	90.000000E+00	4.000000E+03	170.000000E+00	88.000000E+00	2.000000E+03
Grid Type	UNIFORM_PERIODIC	UNIFORM_POLE	UNIFORM	UNIFORM	UNIFORM	UNIFORM
UOM	DEG_E	DEG_N	M	DEG_E	DEG_N	M