Test Number: NPP_IceBridge_Campaign

Discipline: All

Test Title: Ice Bridge Campaign

Test Objective: To use latest code versions on early spring data from 2012 to support Ice science team request.

Test Time Interval: 2012-065 00:00 – 2012-135 00:00.

Machine/Archive Set: ops7 AS1000 for IDPS OPS based versions, AS10001 for LPA variations.

Related Test(s): NA

Baseline DataSet:

Input DataSet: Sync the data listed below from laads AS3001 to AS1000 on ops7:

NP5_RVIRS_L0
NCEP_GFS03_ANC
NCEP_GFS06_ANC
NCEP_GFS09_ANC
NCEP_GFS12_ANC
NCEP_GFS15_ANC
NCEP_GFS18_ANC
NCEP_GFS21_ANC
NCEP_GFS24_ANC
NPP_NAAPS_03H
NPP_NAAPS_06H
NPP_NAAPS_09H
NPP_NAAPS_12H
NPP_NAAPS_15H
NPP_NAAPS_18H
NPP_NAAPS_21H
NPP_NAAPS_24H
NPP_TLE
NPP_USNOPW
NPP_QSTLWMIP_L3
NPP_QSTIP_L3
NPP_QMMVIIP_L3
NPP_DVSNICIP_L3, the set with PGE_StartTime 2011-11-28
NPP_D17LALBIP_L3
NPP_D17_RNDVI_L3

Actions: (special notes or processes)
For the L2 products, we only need the outputs that intersect the following tiles:
H11v02
H12v01
H13v01

H14v01
H15v00
H15v01
H16v00
H17v00
H18v00
H17v01
H16v01
H16v02
H15v02

To determine which granules to process, once the PGE302b has completed processing the full data day, perform the following sql query:

```
select "FileName" from "File" where "FileId" in (select "GeoFileId" from "Geolocation_Tile" where "Tile" in ('51011002','51012001','51013001','51014001','51015000','51015001','51016000','51017000','51018000') and "GeoFileId" in (select "FileId" from "File" where "FileName" like 'NPP%A2012072.%hdf')) order by "FileName";
```

NPP_CPMmc recipe should also be run for every granule. The reduced processing of only necessary granules will begin with the L2 PGEs.

Recipes/PGEs to be executed :

AS1000:

Recipe	Version	PGE	Version	Type	PGE Name
0mc	2.2.1	301	P2.2.1	OPS	Verified RDR
1amcl	2.2.3	302a	P2.2.3.1	OPS	VIIRS L1 Geolocation
1bmcl	2.2.3	302b	P2.2.3.1	OPS	VIIRS L1 SDR
		394_1bmc	C2.2.0	SCI	VIIRS Subsetter
1cmcl	2.2.3	302c	P2.2.3.1	OPS	VIIRS L1 BP SDR
1dmcl	2.2.3	302d	P2.2.3.1	OPS	VIIRS L1 SD SDR
CPMmc	2.2.0	393	C2.2.0	SCI	VIIRS Control Point
A1mc	2.2.0	306	P2.2.0	OPS	VIIRS L2 COP
GGAmc	2.2.1	351	P2.2.1	OPS	VIIRS L2 NAAPS Gran
GGMmc	2.2.1	353	P2.2.0	OPS	VIIRS L2 Grid-to-Gran
		394GGMmc	C2.2.0	OPS	VIIRS Subsetter
GGNmc	2.2.2	350	P2.2.1	OPS	VIIRS L2 NCEP Gran
L14mc	2.2.1	312	P2.2.0	OPS	VIIRS L2G Area Weight
		374	P2.2.0	OPS	VIIRS L2G NN
L1mc	2.2.1	307	P2.2.1	OPS	VIIRS L2 SnowCover
		394L1mc	C2.2.0	SCI	VIIRS Subsetter
L2amc	2.2.0	330	P2.2.0	OPS	VIIRS L2 Active Fire
L2bmc	2.2.2	303	P2.2.2	OPS	VIIRS L2 CM
		394L2bmc	C2.2.0	SCI	VIIRS Subsetter
L3amc	2.2.1	383	P2.2.1	OPS	VIIRS L2 Aerosols
		394L3amc	C2.2.0	SCI	VIIRS Subsetter

L3mc	2.2.1	311	P2.2.1	OPS	VIIRS L2 LSR
		356	P2.2.0	OPS	VIIRS L2 VI
		394L3mc	C2.2.0	SCI	VIIRS Subsetter
L4mc	2.2.0	316	P2.2.0	OPS	VIIRS L2 CM
		394L4mc	C2.2.0	SCI	VIIRS Subsetter
L6mc	2.2.0	349	P2.2.0	OPS	VIIRS L2 Surface Type
		394L6mc	C2.2.0	SCI	VIIRS Subsetter
L7mc	2.2.3	355	P2.2.1	OPS	VIIRS L2 LSA
		357	P2.2.0.4	OPS	VIIRS L2 Surf Albedo
		394L7mc	C2.2.0	SCI	VIIRS Subsetter
L8i1mc	2.2.1	308	P2.2.1	OPS	VIIRS L2 Ice Quality
		394L8i1mc	C2.2.0	SCI	VIIRS Subsetter
L8i2mc	2.2.1	309	P2.2.1	OPS	VIIRS L2 Ice Concentration
		394L8i2mc	C2.2.0	SCI	VIIRS Subsetter
L8i3mc	2.2.1	310	P2.2.1	OPS	VIIRS L2 Ice Age
		394L8i3mc	C2.2.0	SCI	VIIRS Subsetter
L9mc	2.2.0	373	P2.2.0	OPS	VIIRS L2 Ice Surf Temp
		394L9mc	C2.2.0	SCI	VIIRS Subsetter

NOTE: when AS1000 has completed, the outputs from PGE302, PGE353, PGE350, PGE330, PGE303, PGE383, PGE307, PGE309, should be cloned to AS1001 for use in the LPA stream.

AS1001:

Recipe	Version	PGE	Version	Type	PGE Name
L3mcl	2.2.3	311	P2.2.1	OPS	VIIRS L2 LSR
		356	P2.2.0	OPS	VIIRS L2 VI
		394L3mc	C2.2.0	SCI	VIIRS Subsetter
L4mc	2.2.0	316	P2.2.0	OPS	VIIRS L2 CM
		394L4mc	C2.2.0	SCI	VIIRS Subsetter
L6mc	2.2.0	349	P2.2.0	OPS	VIIRS L2 Surface Type
		394L6mc	C2.2.0	SCI	VIIRS Subsetter
L7mc	2.2.3	355	P2.2.1	OPS	VIIRS L2 LSA
		357	P2.2.0.4	OPS	VIIRS L2 Surf Albedo
		394L7mc	C2.2.0	SCI	VIIRS Subsetter

NPP Test Group Notes

Changes to Test Plan:

Final Plan Approved by:
Date:

Test Started:
Test Completed:
Verified in LAADS

Production Notes:

***Additional Processing Notes:

Outputs to be synched to LAADS:

PGE390	NPP_VGCP_L2
PGE303	NPP_CMIP_L2
PGE303	NPP_CMIP_L2C
PGE303	NPP_VMAE_L1C
PGE306	NPP_WCTTIP_L2
PGE307	NPP_VSCM_L2
PGE308	NPP_VIQIP_L2
PGE308	NPP_VIWIP_L2
PGE308	NPP_VSTIP_L2
PGE309	NPP_VICIP_L2
PGE309	NPP_VIRTIP_L2
PGE310	NPP_VSIC_L2
PGE311	NPP_SRFLIIP_L2
PGE311	NPP_SRFLMIP_L2
PGE316	NPP_VLST_L2
PGE353	NPP_VSNICIP_L2
PGE355	NPP_VLAIP_L2
PGE373	NPP_VIST_L2
PGE383	NPP_VAOTIP_L2

Test Results:

Data Set Removal Information
Date:
Approved by: