Test Number: NPP_CAL-LUT_Checkout

Date Initiated: 01/06/16

Discipline: All

Test Title: CAL-LUT Checkout

Test Objective: This test will run using current AS3001 PGEs and APU to evaluate using a melded version of the VIIRS-SDR-CAL-AUTOMATE-LUT to reduce differences between LPEATE and IDPS SDR and Geolocation.

Test Time Interval: Day 2015339

Machine/Archive Set: Operators choice for an archive set

Related Test(s):

Baseline DataSet: AS3001 & AS3000

Input DataSet: Will be generated RDRs and Ancillary data, as defined below

Actions: (special notes or processes)

Establish a clone of the following data from AS3001 for days 2015338 – 2015340 into test archive:
NP5_RVIRS_L0
NPP_TLE
NPP_USNOPW
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
NISE

Clone the following Seed files into the BASELINE archive as follows. NOTE: Entries for these will be needed in the NppSeedFileUsage table once the ArchiveSet for the test has been established.

ESDT	PGE_StartTime	BeginUseTime	EffectivityStartTime	FileCount
NPP_QSTLWMIPS_L3	2015-01-01 00:00	2015-02-03 00:00	2015-02-03 00:00	460
NPP_QSTIPS_L3	2015-01-01 00:00	2015-02-03 00:00	2015-02-03 00:00	460
NPP_QMMVIIPS_L3	2015-01-01 00:00	2015-02-03 00:00	2015-02-03 00:00	299
NPP_D17RNDVIS_L3	2015-12-03 00:00	2015-12-08 00:00	2015-02-03 00:00	299
NPP_D17LALBS_L3	2015-11-16 00:00	2015-12-08 00:00	2015-02-03 00:00	299

Recipes/PGEs to be tested:

NOTE: GGMmc/PGE353 needs to be run for profiles 2, 3, 4, 5, 6 and 8

S1mc/PGE396 needs to be run for day 2015338

Recipe	Version	PGE	Version	Type	PGE Name
0Cmc	2.4.20	301	P2.4.3	OPS	Verified RDR
		302a	P2.4.15	OPS	VIIRS L1 Geolocation
		312	P2.4.0	OPS	VIIRS L2G Area Weight
		374	P2.4.0	OPS	VIIRS L2 Nearest Neighbor
1Cmc	2.4.27	302b	P2.4.15	OPS	VIIRS L1 SDR
		392	P2.4.0	OPS	CERES Subsetter
		393	C2.4.0	SCI	Control Point
		394_1Cmc	C2.4.1	SCI	VIIRS Subsetter
1cmc	2.4.13	302c	P2.4.15	OPS	VIIRS L1 OBC
GGAmc	2.4.0	351	P2.4.0	OPS	VIIRS L2 NAAPS Gran
GGNmc	2.4.0	350	P2.4.0	OPS	VIIRS L2 NCEP Gran
GGMmc	2.4.0	353	P2.4.0	OPS	VIIRS L2 Grid-to-Gran
		394GGMmc	C2.4.0	OPS	VIIRS Subsetter
L2amc	2.4.0	330	P2.4.0	OPS	VIIRS L2 Active Fire
L2bmc	2.4.5	303	P2.4.4	OPS	VIIRS L2 CM
		394L2bmc	C2.4.1	SCI	VIIRS Subsetter
L3Cmc	2.4.16	383	P2.4.4	OPS	VIIRS L2 Aerosols
		311	P2.4.3	OPS	VIIRS L2 LSR
		356	P2.4.1	OPS	VIIRS L2 VI
		390	C2.4.0	SCI	VIIRS Aero Subsetter
		394L3Cmc	C2.4.1	SCI	VIIRS Subsetter
L1Cmc	2.4.4	306	P2.4.1	OPS	VIIRS L2 COP
		307	P2.4.0	OPS	VIIRS L2 SnowCover
		308	P2.4.1	OPS	VIIRS L2 IceQual
		394L1Cmc	C2.4.0	SCI	VIIRS Subsetter
L4Cmc	2.4.3	349	P2.4.3	OPS	VIIRS L2 Surface Type
		316	P2.4.0	OPS	VIIRS L2 CM
		355	P2.4.0	OPS	VIIRS L2 LSA
		357	P2.4.0.1	OPS	VIIRS L2 Surf Albedo
		394L4Cmc	C2.4.0	SCI	VIIRS Subsetter
L8Cmc	2.4.2	309	P2.4.1	OPS	VIIRS L2 Ice Concentration
		310	P2.4.0	OPS	VIIRS L2 Ice Age
		373	P2.4.0	OPS	VIIRS L2 Ice Surf Temp
		394L8Cmc	C2.4.1	SCI	VIIRS Subsetter
S1mc	2.4.0	396	P2.4.0	SCI	VIIRS Snow Ice GIP

Follow on:

After processing has completed for this test, please run APU comparing the data from the test archive to that in AS3000 for the same data day.

Test output products to be sent to LAADS:

NAAPS_TODIP_L2
NCEP_AIRTIP_L2
NCEP_ATPIP_L2
NCEP_COZIP_L2
NCEP_HGHTIP_L2
NCEP_PRESIP_L2
NCEP_PRWIP_L2
NCEP_SHASIP_L2
NCEP_SKNTMPIP_L2
NCEP_WDIRIP_L2
NCEP_WSPDIP_L2
NCEP_WVMRIP_L2
NPP_AVAF_L2
NPP_CMIP_L2
NPP_CMIP_L2C
NPP_SRFLIIP_L2
NPP_SRFLIIP_L2C
NPP_SRFLMIP_L2
NPP_SRFLMIP_L2C
NPP_TERRHTIP_L2
NPP_VAFIP_L2
NPP_VAFIP_L2C
NPP_VAMIIP_L2
NPP_VAMIIP_L2C
NPP_VAOTHIP_L2
NPP_VAOTIP_L2
NPP_VAOTIP_L2C
NPP_VAOT_L2
NPP_VBPXIP_L2
NPP_VCOPIP_L2
NPP_VCOPIP_L2C
NPP_VGAERO_L2
NPP_VICIP_L2
NPP_VICIP_L2C
NPP_VIQIP_L2
NPP_VIRTIP_L2
NPP_VIRTIP_L2C
NPP_VISA_L2
NPP_VISA_L2C
NPP_VIST_L2
NPP_VIST_L2C
NPP_VIWIP_L2
NPP_VLAIP_L2

NPP_VLAIP_L2C
NPP_VLST_L2
NPP_VLST_L2C
NPP_VRVI_L2
NPP_VRVI_L2C
NPP_VSCD_L2
NPP_VSCD_L2C
NPP_VSCM_L2
NPP_VSCM_L2C
NPP_VSIC_L2
NPP_VSIC_L2C
NPP_VSTIP_L2
NPP_VSTIP_L2C
NPP_VSUM_L2
NPP_VSUM_L2C
NPP_VSUT_L2
NPP_VSUT_L2C
NPP_WCTTIP_L2
NPP_WCTTIP_L2C
NPP_DAWIP_L2G
NPP_DNFT_L1
NPP_GRCDNE_L1
NPP_GRCIAE_L1
NPP_GRCMAE_L1
NPP_IMFT_L1
NPP_MOFT_L1
NPP_UDGTGIP_L1
NPP_VCDGIP_L1
NPP_VDNE_L1
NPP_VDNE_L1C
NPP_VIAE_L1
NPP_VIAE_L1C
NPP_VMAE_L1
NPP_VMAE_L1C
NPP_VNDVIIP_L2
NPP_VNNIIP_L2
NPP_VOBCIP_L1

Data Set Volume: Approximately

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:

Test Results:

<u>Data Set Removal Information</u>
Date:
Approved by: