

**Test Number:** AS3321\_SNPP\_KF\_and\_GEO\_Updates\_Checkout Round 3

**Test Definition Date:** 04/28/2020

**Test Revision Date:**

**Discipline:** GEO

**Test Title:** SNPP RPY8 LUT plus Kalman Filter and Geolocation code update Check

**Test Objective:** This test will process the SNPP data, starting with Kalman Filter PGE, PGE599, and going through the PGE500/L1A, PGE501/Geolocation, PGE502/L1B and PGE560/Control Point PGEs to support evaluation of the code changes in PGE501. This test will use the GEO LUT named VIIRS\_NPP\_GEO\_LUT\_v3.0.0.1RPY8\_vcst.nc.

**SNPP Data Time Interval:** 2012-043 through 2012-074

**Machine/Archive Set:** ops5, AS3321

**Related Test(s):** ops4, AS5200 and ops5, AS3308

**Baseline DataSet(s):** ops4, AS5200

**SNPP Input DataSet:**

From AS1 Will need the following for 2012-042 through 2012-075

VIIRSNP00T000

VIIRSNP00T008

VIIRSNP00T011

VIIRSNP00TSCI

NPP\_USNOPW

**Recipes/PGEs to be used for SNPP Processing:**

Note:

The VNP\_00KFm7 should be run for all the days in each test period, plus 2 hours on either side.

The VNP\_0Fm7 should be run for all the days in each test period, plus 30 minutes on either side.

<u>Recipe</u>	<u>Version</u>	<u>PGE</u>	<u>Version</u>	<u>Type</u>	<u>Description</u>
VNP_00KFm7	1.0.4	PGE599	1.0.4	OPS	Kalman Filter
VNP_00Fm7	2.0.4	PGE595	2.0.4	OPS	L0 Splitter
VNP_0m7	3.0.6	PGE500	3.0.8	OPS	L1A
VNP_1Vam7	3.0.20	PGE501	3.0.26	OPS	Geolocation
VNP_1bm7	3.0.21	PGE502	3.0.21	OPS	L1B
		PGE502B	3.0.21	OPS	L1B Browse
		PGE560	2.0.1	OPS	Control Point

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NPP Production Group Notes  
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Changes to Production Plan:

Final Plan Approved by:  
Date:

Reprocessing Started:  
Reprocessing Completed:  
Verified in LAADS

Production Notes:

\*\*\*Additional Processing Notes:

Outputs to be synched to LAADS:

VNP03MOD

VNP03IMG

VNP03DNB

VNP02MOD

VNP02IMG

VNP02DNB

VNPGCP

VNPT11K

VNP02OBC

VNP02DNBC

VNP02IMGC

VNP02MODC

Production Results:

Data Set Removal Information

Date:

Approved by: