

## ISIS - Bug #1466

### HRSC footprints and lat/lon in camera space not correct

2013-01-31 03:18 PM - Robert Sucharski

<b>Status:</b>	Closed	
<b>Priority:</b>	Normal	
<b>Assignee:</b>		
<b>Category:</b>	Applications	
<b>Target version:</b>	N/A	
<b>Impact:</b>		<b>Software Version:</b>

#### Description

To support UPC processing we have created footprints for HRSC images. The footprints do not look correct and the lat/lon in camera space also seems wrong. When I project file "h2063\_0000\_s12.cub" the longitude of a feature in camera space is "94.921796350243923" and the same feature is "93.153487592447178" in map space. The current footprint in the UPC was created with caninfo and when I create a new footprint with footprintinit it is also incorrect.

I have also added a file to this report that shows an old footprint that looks correct and a new footprint that is incorrect and the version of isis used to create them.

#### History

##### #1 - 2013-01-31 07:55 PM - Tammy Becker

Bob,

Is there a chance you can test this in ISIS3.4.2, the most recent version of ISIS?

##### #2 - 2013-02-01 09:46 AM - Robert Sucharski

There was no bug, it looks like a check box for predicted kernels was added so the program would no longer default to using a predict kernel. Because the successful UPC run was very old, it is difficult to know what the exact parameters that were used in the processing so this is only a guess.

Thanks to the development team for their assistance in tracking this down.

#### Files

Caminfo_footprint_differences.docx	1.11 MB	2013-01-31	Redmine Admin
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