

## ISIS - Bug #4435

### Bug in VariableLineScanDetectorMap::SetDetector(const double sample, const double line) method

2016-10-03 03:36 PM - Kenneth Edmundson

<b>Status:</b> Closed <b>Priority:</b> Normal <b>Assignee:</b> Jean Backer <b>Category:</b> API <b>Target version:</b> 3.5.0 (FY17 R1 2017-01-25 Jan) <b>Impact:</b> This will only affect cameras with a variable line scan rate. This will allow programs to find the correct line rate for the currently set line. This fix is not expected to change results in most cases.	<b>Software Version:</b>
<b>Description</b> In accessing the variable line rate table by ephemeris time, the code is subtracting 0.5 seconds <pre>while(rateIndex &gt;= 0 &amp;&amp; currEt &lt; p_lineRates[rateIndex].GetStartEt() - **0.5**) {     rateIndex --; }</pre> this was probably copy/pasted from the ::SetParent method below which accesses the table by line  This is likely only impacting HRSC.	

#### History

**#1 - 2016-10-03 05:13 PM - Lynn Weller**

Maybe M3 as well, but Stuart would know better.

**#3 - 2016-10-10 01:28 PM - Tammy Becker**

- Status changed from New to Acknowledged

**#4 - 2016-10-27 12:35 PM - Jean Backer**

- Assignee set to Jean Backer

**#5 - 2016-10-27 12:38 PM - Jean Backer**

- Status changed from Acknowledged to In Progress

- Impact updated

**#6 - 2016-10-27 12:38 PM - Jean Backer**

- Status changed from In Progress to Resolved

**#7 - 2016-10-27 03:07 PM - Kenneth Edmundson**

- Status changed from Resolved to Closed