**OSIRIS Standard-In Command Line Format**

**August 4, 2010**

**Input Strings (actual order of lines is unimportant, but each line must end in a semicolon, with last line a lone semicolon; more than one command can appear on a line):**

1. InputDirectory = *name*;
2. LadderDirectory = *name*;
3. ReportDirectory = *name*;
4. MarkerSetName = *name*;
5. LaneStandardName = *name*;
6. CriticalOutputLevel = *number*;
7. MinSampleRFU = *number*;
8. MinLaneStandardRFU = *number*;
9. MinLadderRFU = *number*;
10. MinInterlocusRFU = *number*;
11. RawDataString = *character*; (‘a’ or ‘A’ means “analyzed”; anything else means “raw”)
12. LabSettings = *name*;
13. StandardSettings = *name*;
14. MessageBook = *name*;
15. # = *text*;

As I recall, we decided that the “default” settings files were not to be editable by the users – they will have to save changes into their own named settings. Doug: please let me know what names you want to use for the different default settings directories and files.

An example (in a smaller font to guarantee that all lines fit on one line, as intended):

InputDirectory = E:/Users/goorrob/NIST/Run\_3130xl\_2006-07-21\_16-29\_0678;

LadderDirectory = E:/Users/goorrob/My Documents/DEV/internal/osiris/OsirisXML;

ReportDirectory = E:\Users\goorrob/SmartOsirisReports;

MarkerSetName = PowerPlex 16;

LaneStandardName = Promega-ILS-475;

CriticalOutputLevel = 15;

MinSampleRFU = 70;

MinLaneStandardRFU = 100;

MinLadderRFU = 50;

MinInterlocusRFU = 30;

RawDataString = r;

LabSettings = E:\Users\goorrob\My\_Documents\DEV\internal\osiris\OsirisXML\NamedxmlConfigurations\001001\001001LabSettings.txt;

StandardSettings =

E:\Users\goorrob\My\_Documents\DEV\internal\osiris\OsirisXML\NamedxmlConfigurations\001001\001001StdSettings.txt;

MessageBook =

E:\Users\goorrob\My\_Documents\DEV\internal\osiris\OsirisXML\NamedxmlConfigurations\001001\001001MessageBook.txt;

;

Three of the “minRFU” conditions are required. Only the MinInterlocusRFU is not required – the default value is MinSampleRFU. I’m guessing a little about the file names above…

It doesn’t matter of forward slashes or backward slashes are used in path names. It doesn’t matter if path names end in a slash. It is OK if file paths and file names have embedded spaces. Spacing around the “=” is unimportant because OSIRIS removes leading and trailing white space around all tokens, both left and right hand sides. Left hand side tokens must appear with the exact capitalization as in the boilerplate, above. What is found in standard in up to the terminating semi-colon is echoed in the same location(s) as the old command line.

The new OSIRIS, TestAnalysisDirectoryLCv2.1, reads command data only from standard in. Also, this version of OSIRIS accepts locus-specific thresholds, described in a different document. See the new schemas in OsirisXML/NamedxmlConfigurations.