

## BornAgain - Feature #1667

### Read DESY/dpdak tiff files to BornAgain GUI

24 Nov 2016 10:06 - ganeva

<b>Status:</b>	Resolved	<b>Start date:</b>	24 Nov 2016
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>		<b>% Done:</b>	100%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	Sprint 33		
<b>Description</b>			
Some DESY tiff files are not loaded correctly in BornAgain GUI. File is loaded, but instead of the GISAXS pattern, user see an empty image (see the attached screenshot).			
Information about the tiff file:			
% gdalinfo file.tif			
Driver: GTiff/GeoTIFF			
Files: file.tif			
Size is 487, 619			
Coordinate System is ``			
Metadata:			
TIFFTAG_DATETIME=2016:04:04 20:25:30			
TIFFTAG_DOCUMENTNAME=D:\path\file.tif			
TIFFTAG_IMAGEDESCRIPTION=IDL TIFF file			
TIFFTAG_RESOLUTIONUNIT=2 (pixels/inch)			
TIFFTAG_SOFTWARE=IDL 8.1, ITT Visual Information Solutions			
TIFFTAG_XRESOLUTION=100			
TIFFTAG_YRESOLUTION=100			
Image Structure Metadata:			
COMPRESSION=LZW			
INTERLEAVE=BAND			
Corner Coordinates:			
Upper Left ( 0.0, 0.0)			
Lower Left ( 0.0, 619.0)			
Upper Right ( 487.0, 0.0)			
Lower Right ( 487.0, 619.0)			
Center ( 243.5, 309.5)			
Band 1 Block=487x4 Type=Float32, ColorInterp=Gray			
I will attach the example tiff file to this issue as soon as I will get permission from user.			
<b>Subtasks:</b>			

#### History

##### #1 - 24 Nov 2016 17:32 - pospelov

- Status changed from New to Sprint
- Target version set to Sprint 33

##### #2 - 28 Nov 2016 09:22 - ganeva

- File `sum_saxs_h3_spot_00002r_p00001.tif` added
- File `Screen Shot 2016-11-28 at 09.16.17.png` added

I've got a user permission to upload the data file to redmine.

##### #3 - 06 Dec 2016 17:21 - Anonymous

- Status changed from Sprint to Resolved

- Assignee set to Anonymous

TiffHandler now reads TIFF files with IEEE float sample format.

## Files

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Screen Shot 2016-11-24 at 10.01.34.png	26.9 KB	24 Nov 2016	ganeva
sum_saxs_h3_spot_00002r_p00001.tif	624 KB	28 Nov 2016	ganeva
Screen Shot 2016-11-28 at 09.16.17.png	566 KB	28 Nov 2016	ganeva