

## Exiv2 - Bug #895

### Sigma 30mm f/1.4 on Canon not detected correctly

18 Mar 2013 12:04 - Christian Roumano

<b>Status:</b>	Closed	<b>Start date:</b>	18 Mar 2013
<b>Priority:</b>	Normal	<b>Due date:</b>	27 Apr 2013
<b>Assignee:</b>	Niels Kristian Bech Jensen	<b>% Done:</b>	100%
<b>Category:</b>	metadata	<b>Estimated time:</b>	1.00 hour
<b>Target version:</b>	0.24		

#### Description

Hi,

The Sigma 30mm 1.4 is not recognize correctly (tested with the last exiv2 version) :

```
exiv2 -pt 1.JPG |grep -i lens
```

```
Exif.CanonCs.LensType          Short    1 Sigma 15-30mm f/3.5-4.5 EX DG Aspherical
```

```
Exif.CanonCs.Lens              Short    3 30.0 mm
```

```
Exif.Canon.LensModel           Ascii    70 30mm
```

```
exiftool 1.JPG |grep "Lens ID"
```

```
Lens ID           : Sigma 30mm f/1.4 EX DC HSM
```

Information in at canonmn.cpp in the Exiv2 codebase:

```
{ 169, "Canon EF 17-35mm f/2.8L"
  }, // 0
{ 169, "Sigma 18-200mm f/3.5-6.3 DC OS"
  }, // 1
{ 169, "Sigma 15-30mm f/3.5-4.5 EX DG Aspherical"
  }, // 2
{ 169, "Sigma 18-50mm f/2.8 Macro"
  }, // 3
{ 169, "Sigma 50mm f/1.4 EX DG HSM"
  }, // 4
{ 169, "Sigma 85mm f/1.4 EX DG HSM"
  }, // 5
{ 169, "Sigma 30mm f/1.4 EX DC HSM"
  }, // 6
{ 169, "Sigma 35mm f/1.4 DG HSM"
  }, // 7
```

So the 169 ID is used 8 times, once by Canon (expected), and seven times by Sigma (wtf were they thinking)...

Exiv2 uses a heuristic to match conflicted lens id's to names using their focal length's... but it's failing here somehow...

The Bug #854 as the same issue with another lens. ( Sigma 50mm f/1.4 EX DG HSM )

#### Associated revisions

Revision 3023 - 27 Apr 2013 08:02 - Niels Kristian Bech Jensen

Issues #854 and #895: Improve the heuristic for matching Canon lenses by including maximum aperture. Patch by Aakash Goenka. Make all lens

names unique.

## History

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### #1 - 26 Apr 2013 14:07 - Aakash Goenka

I have submitted a patch for Bug [[#854]]. It fixes this bug too.

### #2 - 27 Apr 2013 08:18 - Niels Kristian Bech Jensen

- Due date set to 27 Apr 2013
- Status changed from New to Resolved
- Assignee set to Niels Kristian Bech Jensen
- Target version set to 0.24

### #3 - 27 Apr 2013 08:19 - Niels Kristian Bech Jensen

- Category set to metadata
- % Done changed from 0 to 100

### #4 - 24 Jul 2013 15:07 - Robin Mills

- Status changed from Resolved to Closed

Fixed in 0.24.

## Files

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1.JPG	4.7 MB	18 Mar 2013	Christian Roumano
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