

Re: GPSMAP 60Cx or 76Cx?

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- *From:* Jack Erbes <jackerbes@xxxxxxxxxxxxxx>
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Wolfgang S. Rupprecht wrote:

Harald Hanche-Olsen <hanche@xxxxxxxxxxxxxx> writes:

Assuming one trackpoint per second, that is about 120 bytes per trackpoint. That's a lot of bytes; enough to make me wonder if they are using an XML based format. 8-)

Sigh, they are using xml. I was really hoping it would be something along the lines of:

```
float-lat  
float-lon  
float-altitude  
int32 time
```

That would have been 16 bytes per trackpoint. Instead we have:

I have the GPS Utility software. The docs for that says it will process XML as follows:

- EasyGPS *.LOC files (both binary and XML types)
- GPSXML files (*.gpx files - possibly with limitations at present)

If I take this from your example:

```
> <?xml version="1.0" encoding="UTF-8" standalone="no" ?>  
> <gpx xmlns="http://www.topografix.com/GPX/1/1 creator="MapSource 6.5" version="1.1"  
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance  
xsi:schemaLocation="http://www.topografix.com/GPX/1/1 http://www.topografix.com/GPX/1/1/gpx.xsd"  
> <trk>  
> <name>ACTIVE LOG145605</name>  
> <trkseg>  
> <trkpt lat="37.123456" lon="-121.123456">  
> <ele>26.106</ele>  
> <time>2006-06-05T21:56:05Z</time>
```

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> </trkpt>
> ...
> </trkseg>
> </trk>
> </gpx>

delete the ">" quotes, save that to a text file with a *.xml name, and open the file with GPS Utility if gives me the following:

Seq No. 0001
Coordinates N37 07.4074 W121 07.4074
Alt 85.6 ft
Symbol S
Time 06/5/2006 21:56:05
Track Name ACTIVE LOG145605

So it looks like GPS Utility will process your xml files. My result above is formatted for my GPSU settings and you could change those of course.

If you want to play with that further you can download a trial version of GPS Utility. And the author, Alan Murphy, is very interactive with users. He seems to be interested in keeping his software up to date with most current GPS receivers and and will probably be glad to discuss that with you.

Jack

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