
Subject: Re: cgmap_gshhs.pro minarea issue
Posted by [David Fanning](#) on Sun, 24 Nov 2013 05:15:05 GMT
[View Forum Message](#) <> [Reply to Message](#)

pvelissariou@fsu.edu writes:

```
> I think the following changes are required:
>
> the line: river = ISHFT(f, -25) AND 255B
> should be: river = ISHFT(f, -25) AND 1B
>
> also, header.area is of type LONG and 10^magnitude is of type INT
> therefore the calculated polygonarea is wrong, I have modified the
> following lines as:
>
> from:
>     IF version LE 8 THEN BEGIN
>         polygonArea = header.area * 0.1 ; km^2
>     ENDIF ELSE BEGIN
>         polygonArea = header.area / 10^magnitude ; km^2
>     ENDELSE
> to:
>     IF version LT 9 THEN BEGIN
>         polygonArea = Double(header.area) * 0.1 ; km^2
>     ENDIF ELSE BEGIN
>         polygonArea = Double(header.area) / 10.0^magnitude ; km^2
>     ENDELSE
```

OK, I'm going to assume you can make more sense of that documentation than I can. ;-)

I'll check this in tomorrow with the other changes. Thanks for your help.

Cheers,

David

--

David Fanning, Ph.D.
Fanning Software Consulting, Inc.
Coyote's Guide to IDL Programming: <http://www.idlcoyote.com/>
Sepore ma de ni thue. ("Perhaps thou speakest truth.")
