
Subject: Re: 6-1-75-6 W5M --> LOCAL GRID

Posted by [Mark Chan](#) on Wed, 28 Mar 2001 05:23:12 GMT

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Ben,

Could you point me to the site where I may find out more about the conversion program that you mention?

As per Martin Trobec's posted reply, there seems to be a program one can buy. However, I will like to see if the conversion program you mention will do the job or not.

Thanks,
MC

"Ben Tupper" <btupper@bigelow.org> wrote in message
news:3AC09909.5241880A@bigelow.org...

> Hi Mark,

>

> I have not heard of such a system of conversions,... but, it's not clear
> to me what the 'land' coordinates of points A, B and C mean. There is
> code to convert between Lon/Lat in decimal degrees to UTM coords in
> meters. From the UTM coordinate system you can then get relative
> range/azimuth values between the points. You might even be able to
> translate the UTM coords to the Canadian equivalent of the US State
> Plane coordinate systems.

>

> Perhaps you could provide more details about these coordinate systems.

>

> Ben

>

> Mark Chan wrote:

>>

>> GIVEN:

>> Point A @ 6-1-75-6 W5M (Take this to be the origin. Some where in
Canada).

>> Point B @ 1-1-75-6 W5M

>> Point C @ 16-1-75-6 W5M

>>

>> QUESTIONS TO BE ANSWERED:

>> What is the distance between A and B?

>> Ans: B is 5 miles east of A.

>>

>> What is the distance between A and C?

>> Ans: $\sqrt{5^2+5^2}$. C is NE of A.

>>

>> Etc. calculation like these.
>>
>> QUESTION FOR IDL EXPERTS:
>> Is there a public domain IDL routine to do the conversion between the
land
>> system above to local coordinate?
>>
>> Thanks in advance,
>> Mark Chan
>
> --
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