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

Posted by [Mark Chan](#) on Mon, 26 Mar 2001 04:23:22 GMT

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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
