

Re: For Potter--Note the applications and economics of GPS

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*Source:* <http://sci.tech-archive.net/Archive/sci.physics/2008-02/msg02218.html>

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- *From:* "Tom Potter" <[tdp1001@xxxxxxxxxx](mailto:tdp1001@xxxxxxxxxx)>
  - *Date:* Fri, 29 Feb 2008 07:31:42 +0800
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"Sam Wormley" <[swormley1@xxxxxxxxxx](mailto:swormley1@xxxxxxxxxx)> wrote in message  
[news:2Mgxj.52201\\$9j6.26896@xxxxxxxxxxxxxx](news:2Mgxj.52201$9j6.26896@xxxxxxxxxxxxxx)

For Potter--Note the applications and economics of GPS

U.S. Presentation at  
Polytechnic University of Turin  
February 25, 2008

<http://pnt.gov/public/2008/2008-02-turin/>  
<http://pnt.gov/public/2008/2008-02-turin/shaw.ppt>

Sam, considering that the existing GPS system is so good,  
why don't the American GPS managers  
just add new features to the system?

Rather than hype "Interoperable"  
to provide "better capabilities"  
why don't they just add the "better capabilities"  
to the American system?

Considering that the GPS managers are stressing  
the prevention of the "hostile use" of GPS,

how can co-operation with Russia, China  
and Europe prevent these "hostile users"  
(Whoever they are.)  
from using the existing or the new system  
from being used in a hostile way,  
like it was used against the Iraqi people?

Will Russia, China, Europe  
and other nations have the capability  
of preventing America and Israel  
from using the new GPS system  
in a "hostile" way?

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If the existing system is so good,  
and America can add any improvements to the system  
they like and need, and keep the system  
"free of direct user fees on a continuous, worldwide basis",

why are the GPS managers wasting all this time and money  
bragging about the existing system,  
hyping future improvements,  
attending meetings, negotiating, issuing joint statements,  
courting Russia, China and Europe, etc?

It sounds to me that they are worried that  
the world will migrate to the other systems,  
(Because they don't trust America  
and fear that some crazy president might  
use the GPS system in a "hostile" way,  
or pull the pull on the system  
disrupting the GPS allied systems.),

and that the American system will become a vast wasteland,  
used only by the American military, and supported by  
the American taxpayers.

Relevant excerpts from Sam's URL's follow.

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"Interoperable" – ability of civil U.S. and non-U.S. space-based  
PNT services to be used together to provide the user  
better capabilities than would be achieved  
by relying solely on one service or signal

Interoperable = Better Together than Separate"  
Provide civil GPS and augmentations free of direct user fees on a  
continuous, worldwide basis  
Provide open, free access to information needed to develop equipment  
Improve performance of civil GPS and augmentations to meet or exceed that of  
international systems  
Encourage international development of PNT systems based on GPS  
Seek to ensure international systems are interoperable with civil GPS and  
augmentations  
Address mutual security concerns with international providers to prevent  
hostile use

U.S.– Russia Joint Statement issued in Dec 2004  
Several productive technical working group meetings have been held:  
Russia WG–1 chair proposed adopting two new civil CDMA signals at L1, L5  
which will be interoperable with GPS  
Negotiations for a U.S.–Russia agreement on satellite navigation cooperation  
have been underway since late 2005:  
Next meeting will be held in early 2008  
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Tom Potter

<http://www.geocities.com/tdp1001/index.html>

<http://home.earthlink.net/~tdp>

<http://notsocrazyideas.blogspot.com>

<http://groups.msn.com/PotterPhotos>

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Posted via a free Usenet account from <http://www.teranews.com>

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