

Re: multiple vehicles tracking each other

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- *From:* jlwsecure-google@xxxxxxxx
 - *Date:* 8 Jan 2006 18:08:25 -0800
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Gerard M Foley wrote:

> "Eric Anderson" <eganders@xxxxxxxx> wrote in message
> news:1135023486.332374.207490@xx
>> Is there a product that uses GPS and wireless (say, Wi-Fi) to allow
>> several vehicles to track each other on a screen so they can see
>> themselves and a couple of other vehicles with the same equipment?
>
> Amateur radio uses a system called APRS which does this:
>
> <http://www.cave.org/aprs/>
>
> It should be possible to adapt this to other radio services, such as FRS and
> GMRS.
> --

Negative. GMRS regulations forbid this type of communication. Data communication is forbidden by regulation. The *only* exception is a waiver granted Garmin for its GPS/GMRS units.

GMRS regulations forbid any non voice communication See sections (e) and (f) below::

Sec. 95.631 Emission types.

(a) A GMRS transmitter must transmit only emission types A1D, F1D, G1D, H1D, J1D, R1D, A3E, F3E, G3E, H3E, J3E or R3E. A non-voice emission

is limited to selective calling or tone-operated squelch tones to establish or continue voice communications. See Sec. 95.181 (g) and (h).

(b) An R/C transmitter may transmit any appropriate non-voice emission which meets the emission limitations of Sec. 95.633.

(c) A CB transmitter may transmit only emission types A1D, H1D, J1D, R1D, A3E, H3E, J3E, R3E. A non-voice emission is limited to selective

Re: multiple vehicles tracking each other

calling or tone-operated squelch tones to establish or continue voice communications. See Sec. 95.412 (b) and (c).

(d) An FRS unit may transmit only emission type F3E or F2D. A non-voice emission is limited to selective calling or tone-operated squelch tones

to establish or continue voice communications, digital data transmission

of location information or text messaging.

(e) No GMRS or CB transmitter shall employ a digital modulation or emission.

(f) No GMRS, CB or R/C transmitter shall transmit non-voice data.

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- **Follow-Ups:**

- ◆ **Re: multiple vehicles tracking each other**

- ◆ *From:* Gus

- **References:**

- ◆ **Re: multiple vehicles tracking each other**

- ◆ *From:* Gerard M Foley

- Prev by Date: **Re: Combination GPS/Satellite Radio Receivers**

- Next by Date: **Handheld for Mapping Topography**

- Previous by thread: **Re: multiple vehicles tracking each other**

- Next by thread: **Re: multiple vehicles tracking each other**

- Index(es):

- ◆ **Date**

- ◆ **Thread**