

Author details:

Geoff McMahon

Senior Electrical Engineer

MIEAust BE.Eng.....3 Rodney av Nth Coburg. Melbourne Victoria Australia.

Tel: 61 3 93545024

Email: ufo1234@optusnet.com.au

Paper Title: Interstellar Real Time Audio and Visual Communication

Currently we have a SETI program using radio telescopes scanning the heavens looking to receive intelligent communications. This idea is so obviously flawed.

Electromagnetic waves sent from a neighboring star may take thousands of years to reach earth, and are distorted as they pass through asteroid fields.

An intelligent society would use gravitation field propagations to speak to us in real time.

Ref: 1 and 2 below>

If gravity is a curvature in space time, one might conclude that any true gravitational field has tidal forces. At any point in space, earth's datum point in comparison to a distant pulsar star is an inertial one, with curvature tensors (Riemann Tensors).

Real gravitational fields are not uniform (locally).

Gravitational red shift does not mean the absence of Riemann Tensors.

The works of John.R.Ray basically means that as a mass is brought into existence, its gravitational field does not begin a journey of propagation across the universe, but instead the field instantaneously exists at its furthest most reaches. We can use this property of gravitational fields, to communicate in real time across the galaxy, without the delays involved with electromagnetic wave propagation.

So here is the plan

Just as radio engineers use an electromagnetic carrier frequency as the transport vehicle to cross long distances, which we encrypt with an intelligent signal (Amplitude Modulation or Pulse Width Modulation); So too can we encrypt the gravitational carrier frequency of a nearby pulsar star with an intelligent gravitational signal. The nearest Pulsar Star to earth is (PSR j0108-1431) which is 280 light years from earth.

The earth is being pounded by the gravitational field of (PSR j0108-1431) with a gravitational frequency of 716 Hz. Using this as the carrier, intelligent life elsewhere in the universe may already be modulating communications onto this carrier and engaging in trans galactic communications in real time.

May we first of all build a gravitational receiver, look at the complex waveforms which look like audio and video and see if we are able to listen into the neighborhood communications.

If the authors of these communications are hostile, may we please refrain from building our own transmitter.

References:

1. The Principles of Equivalence, John.R.Ray, Am.J.Phys., 45(4),pp.401-402 (1977)
2. Relativity; The General Theory, J.L.Synge (North-Holland, Amsterdam, 1971) pp.ix-x