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# The Western Pacific Biotwang: Experimental Evidence for Astrotheology - Cusack's Universe

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**Abstract**

In this brief paper, I consider that the mysterious sound frequencies heard in the Western Pacific are not from belugas, but rather are the internally reflected waves from the Super force heard at the ocean bottom in the Marina Trench. These waves travel through the Ether which comprises the universe. They are intensified by the mass of the Earth. This could prove to be the first experimental sign of the Astrotheology theory of the Universe.

**Keywords:** Mariana trench; Western Pacific, Biotwnang; Super force; Waves; Earth

## Introduction

Sound frequencies heard in the Mariana trench range from 38 Hz to 8000 Hz. I provide here a possible explanation for these sounds [1]. The answer lies in the Astrotheology Model of the Universe. They are not whale mating calls but evidence for the Astrotheology Cosmos theory. I refer the reader to the paper Astrothoelogy, Cusack's Universe to get an understanding of the calculations included herein. See References for the paper and associated textbooks [2,3].

First, we look at the 8000 Hz:

8000 Hz = $1/(125 \times 10^{-6})$

We will work with 125

$E_{min}$ = -1.25 is the minimum of the energy time parabola.

$T^2$-t-1 = 0, 2t-1 = 0, t = ½, E = -1.25

$E_{min}$ * t = -1.25 * 1/-1.562 = 1563.

Moment = 1- sin 1 = 1-0.1563 = 0.8437 = sin 57.5 deg. = 1.0004 rad ~1 rad = t = E.

Period T = 251.2 sec.

As shown in Figure 1, the Super force sine wave is reflected internally within the Earth.

The Earth has a radius = 6371 km.

Therefore its diameter = 12742 km. This is a boundary condition of the Super force.

1 rad/2Pi = = 0.1592 = 1-sin 1 = moment.

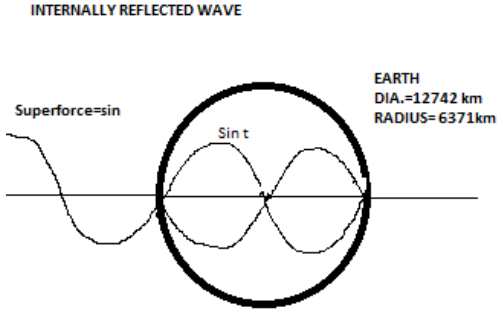


**Figure 1**: Earth with internally reflected super force wave.

$E = e^{-0.1592} = 203.5 \sim 202.8 = Y$.

12742 = 2π rads for a reflected sine wave inside the Earth's mass.

1 rad = 12742/(2π) = 2027. 895 is ~Y = Energy = Dampened cosine curve.

The Energy Y, dampened out in the density of the ether of the universe [3].

Consider the following:

**The dampened cosine curve**

$Y = e^{-t} \cos t = 202.8$

$\cos^2 t = 0.202795-1$

$= 0.7972$

Solving for t,

Trig. identity

$\sin^2 t+\cos^2 t = 1$

$\sin^2 2t +(0.202.8/t)^2 = 1$

Solving this quadratic,

$t \sin^2 t = 0.7972$

$-t \cos t = 0.2028$

$-\sin^2 t = 3.9311 \cos t$

**The Euler's identity**

$\sin^2 t+\cos^2 t = 1$

$-\sin^2 t = -1+ \cos^2 t$

$-1+\cos^2 t = 3.9311 \cos t$

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$Cos^2t$-3.9311 cos t-1 = 0

Solving this Quadratic,

$x^2$-3.9311 × -1 = 0

x = 4.1709, -0.2398

Ln (2398) = 3.17~31.8 = frequency = Human Perception = 1/Pi = 1/t

And, the Mass of a proton absorbs the vibration:

x = cos t

-0.2398 = cos t

t = 103.87° = 1.8132 rads.

Sin 103.287 = 0.9708

Sin t/cos t = 0.404~0.402 = Re

$sin^2$ (1.8132) = 0.9424 = Mp+

$cos^2$ (1.8132) = 1/ 1.73558 = 1/√3 = tan 30° = cot 60°

Ln 1.8132 = 0.595~0.6

$e^{-1.8132}$ = 1631~1623 = M p+

**Reynold's number, mass and density for the ether**

Re = ρvL/μ

0.404 = ρ(0.707)(4/3)/ 0.27)

ρ = 115.7~116 = Elements in the Periodic Table = Mass.

1/ρ = 0.8643

Sin $^{-1}$ (0.8643) = 59.80°~60° (Critical Angle).

1.0436/1.8132 = 1.7375~√3 = t (Eigen vector).

(8000 Hz) 0.404 = (128.6)(0.8415)(4/3)/(0.27)

Now, considering the low end frequencies 38 Hz of the Biotwang:

Super force = F = 2.667 = 1/37.495~38 Hz

**Density of the material**

Radius of the Earth = 6371 km

6371/Pi = 202.79 = Y

Y = 2.0279 = e^-1 cops t

Ln (2.0279) = Ln e^-t + Ln (cos t)

0.707-1 = Ln (cos t) (note: 0.707 = 1/sqrt 2 = sin 45 = cos 45 = a = v ➔ y = y')

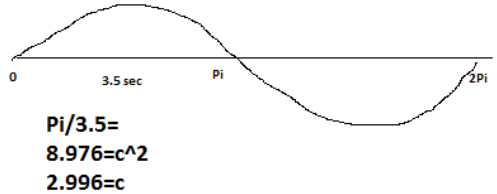


**Figure 2**: The period of the Biotwang.

T = 72.9 degrees = 127.3 rads = rho = density

Re = rho v /nu

(127.3)(0.8415)/0.27 = 396.75

= 1/252 = 1/Period T = 1/E = t

T = rho

T*c = 396.75 (2.996) = 118.6~ 118 Elements in the period table.

**Speed of light - The wave velocity in the material**

The Biotwang has duration of 3.5 seconds. Refer to (Figure 2). This is proportional to the speed of light, c, or the velocity of the wave in the ether reflected by the mass of the Earth.

We know, E = √Period = √T

√T = E

√T is proportional to $c^2$

√T = 8976

$T = c^4$

T = 80.5

1/T = 1/t = E = 1/80.5 = 0.12345679

80.5/3.5 sec = 23

Ln 23 = π

And, √T/2 = c

T = 92)(8.976) = 17.95~18

Earth's Diameter = 12,742 (Figure 1).

12,742/ 3.5 sec = 18.2 cf 18 = T

Radius of the Earth = 6371 (π) = 2.0015

Y = e^-t cos t

200.15 = e^-t cos t

Ln (2.0015) = -1+cos t

0.6939-1 = cos t

t = 1.2597 rads = 7938 Hz~8000 Hz.

## Conclusion

The mysterious sounds heard in the Western Pacific may be internally reflected waves form the Super force. This observation could be proof of the Astrotheology theory of the universe.

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