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THE GREAT PYRAMID – INTERSTELLAR RADIO STATION

ABSTRACT

The northern shaft of the King Chamber inside The Great Pyramid is 21cm wide and it corresponds with the so-called Hydrogen-Line. Around the Hydrogen-Line is a natural electromagnetic noise at a minimum. Electromagnetic energy in this range can easily pass through the Earth's atmosphere and be observed from the Earth with little interference. Is the northern shaft an antenna for interstellar communication?

There is no report in which was published measuring radio signal strength in the range of 1.42 GHz near the northern shaft inside The King Chamber. Chris Dunn's M.A.S.E.R. THEORY is different from this INTERSTELLAR RADIO STATION THEORY. This idea is ORIGINAL, not a COPY from Chris Dunn.

KEY WORDS: great pyramid, interstellar radio station, antenna, hydrogen line, cheops, khufu, king chamber, northern shaft, SETI, hrvoje zujic.

INTRODUCTION

What would be the best radio frequency range for interstellar communication?

It would be the so-called Microwave Window, frequency range between 1 GHz and 10 GHz. Why? The Microwave Window, where natural noise is at a minimum, is a favored region for conducting radio astronomy research, including SETI.

Toward the bottom of the microwave window, radiation from the precession of interstellar hydrogen is clearly heard in our receivers at a frequency of 1.42 GHz.

This frequency corresponds to a wavelength of around 21 cm. It's the so-called Hydrogen Line.

We hypothesize that any civilization in the cosmos which possesses radio astronomy knows about the Hydrogen Line. Hydrogen is the most abundant element in the universe. The combined voices of countless hydrogen atoms produce a raucous chorus. The very first SETI (Search for Extraterrestrial Intelligence) studies were conducted near the Hydrogen Line, and today it still looks like a logical place to seek deliberate beacons from beyond.

The northern shaft of the King Chamber inside The Great Pyramid is 21cm wide. I mentioned before that the wavelength of the hydrogen atom is 21 cm, the same width as the northern shaft of the King Chamber.

CONCLUSION

Is the northern shaft a narrow bandpass frequency filter around the 1.42 GHz?
Is the northern shaft an antenna for interstellar communication?
Is the northern shaft a receiver or transmitter? Or both?

We can check this theory easily by measuring the microwave signal within the northern shaft and on the northern pyramid's face at a position where the shaft ends.
Why has nobody so far carried out such a measurement?



Picture 1. Author beside the northern shaft

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