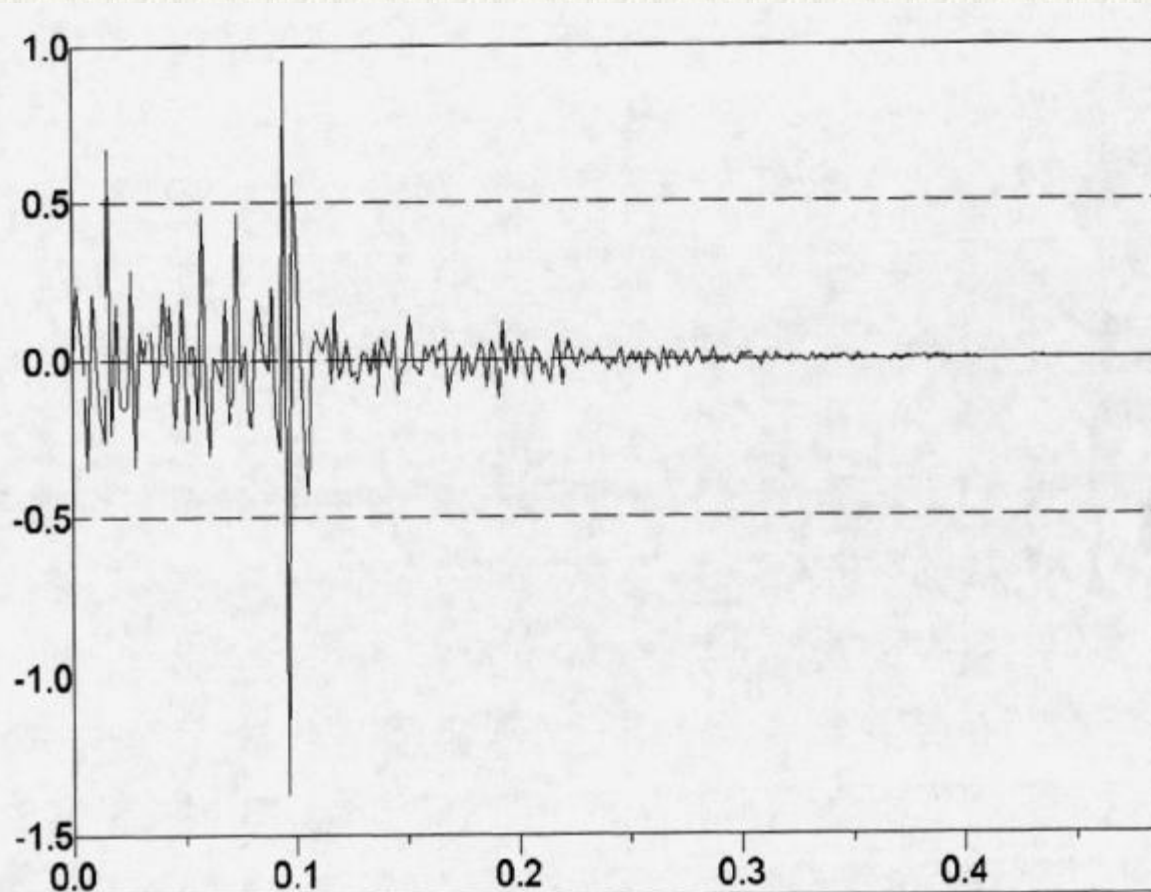


CHACO CANYON NATIONAL PARK : 10 SECOND ELF PULSE OBSERVED

Clifford E Carnicom

Feb 25 2003



Spectral Analysis of ELF Data Collected at Chaco Canyon National Park, NM

The spike at 0.1 corresponds to a period of 10 seconds.

A second significant ELF pattern has been observed in data which has been collected at two different locations approximately 140 miles apart in the state of New Mexico. This pattern is that of what appears to be pulsed ELF data occurring at a definite period of 10 seconds. This pattern is in addition to the previously identified pattern of geometric multiples of 4Hz. The first pattern previously disclosed is primarily that of frequency structure; the current attention is devoted to the time structure of the signals that are becoming evident. Two different structural patterns are therefore under identification within the detected and measured ELF signals.

This page presents the graphs of the raw data which clearly show the spikes of increased frequency at approximately 10 second intervals, the digital filtering of that data to eliminate noise in the data, and a spectral analysis of the filtered data. The periodic component of 10 seconds is dominant and prominent in all analyses.

These findings combined (geometric multiples of frequencies with a periodic component) strongly suggest the existence of modulated ELF data, i.e., the transmission of signals with inherent intelligence.

Both periodic studies have been conducted in two relatively remote and electromagnetically free zones (as much as is possible) separated by approximately 150 miles distance. The first of these is the San Cristobal Ranch region in central New Mexico on Feb 16 2003, and Chaco Canyon National Park on Feb 23, 2003. Chaco Canyon National Park is one of the most significant and relatively remote archeological sites of the world. The results of the San Cristobal test are essentially identical to those that are presented on this page. Indications are

that such tests will be difficult to conduct in areas influenced by the 60Hz power signals of the residential and urban environments, and remote testing is encouraged.

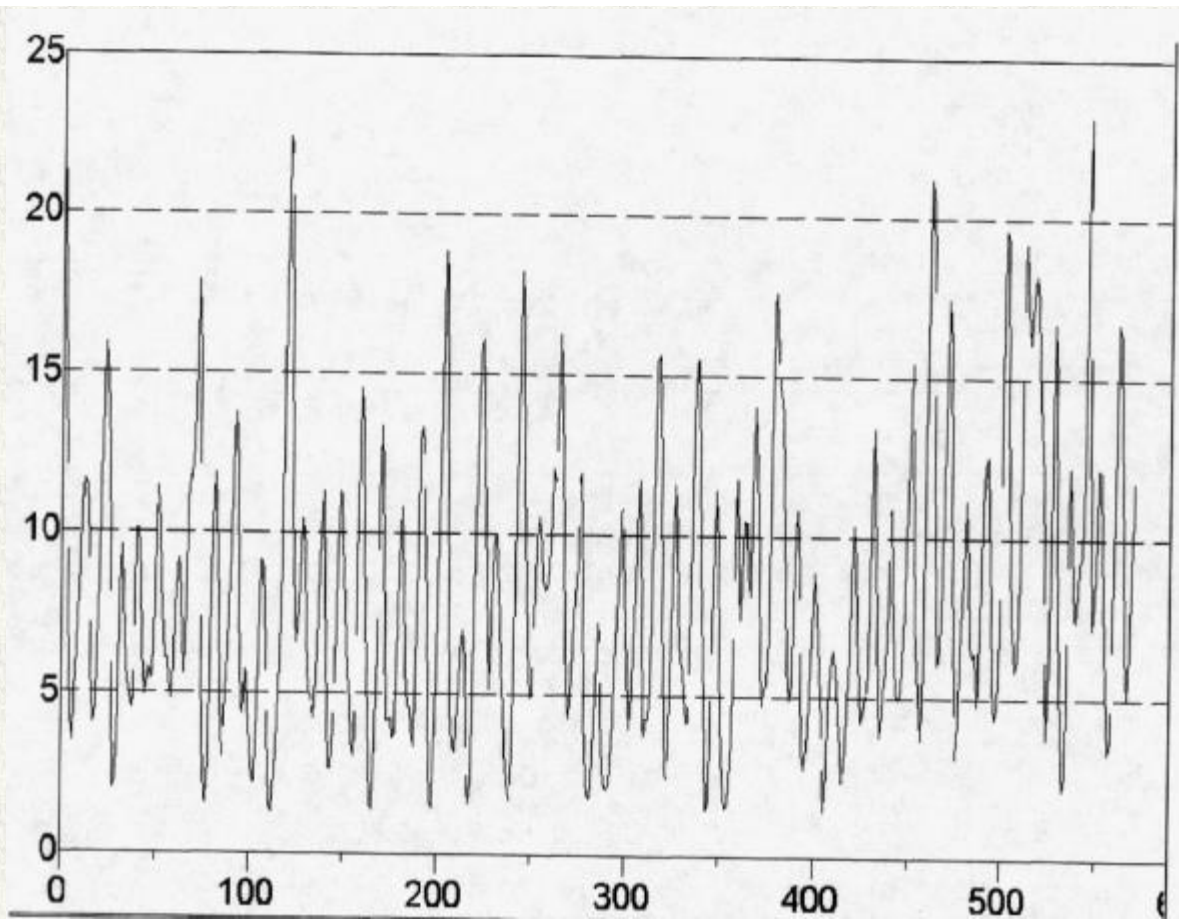
Testing in remote areas will require the use of the battery powered ELF circuit (or an equivalent), external antenna, logging software, a laptop computer, a frequency meter and a power supply for extended periods. A 12 volt inverter is an option for testing that incorporates an oscilloscope, frequency generator or other test equipment. Harmonics of any inverter that may be used will be a necessary consideration. The recent tests have been conducted with the ELF circuit as it has been designed, developed and presented on the [relevant page of this site](#). Further design modifications and their purpose can also be sent to the stated address below. The current findings appear to result from the increased amplification of the recently modified circuit as well as from the benefit of an electromagnetically quiet location.

The Chaco Canyon test has used a wire as the external antenna to the circuit. The San Cristobal test used a human antenna as has been previously described. While still of a subjective nature, the human antenna session again produced a perceived effect upon mental fatigue, as has been reported on an earlier date. This subjective aspect will be examined under greater control at a future date if time permits.

Those with expertise in the electrical engineering fields are further encouraged to assist in the research that is required to further analyze these results. Correspondence on this matter can be addressed to me at cec102@usa.com, however, preference in response will be given to those that conduct all tests that have been described in recent months on these pages. All constructive correspondence is read, reviewed and appreciated.

It bears repeating that the ELF frequencies that have been measured and detected fall within the same range as does the primary electromagnetic energy of the human brain. In addition, the hypothesis that establishes the search for this energy originates from the extensive examination of aerosols and plasma physics as it relates to our definitively modified atmosphere.

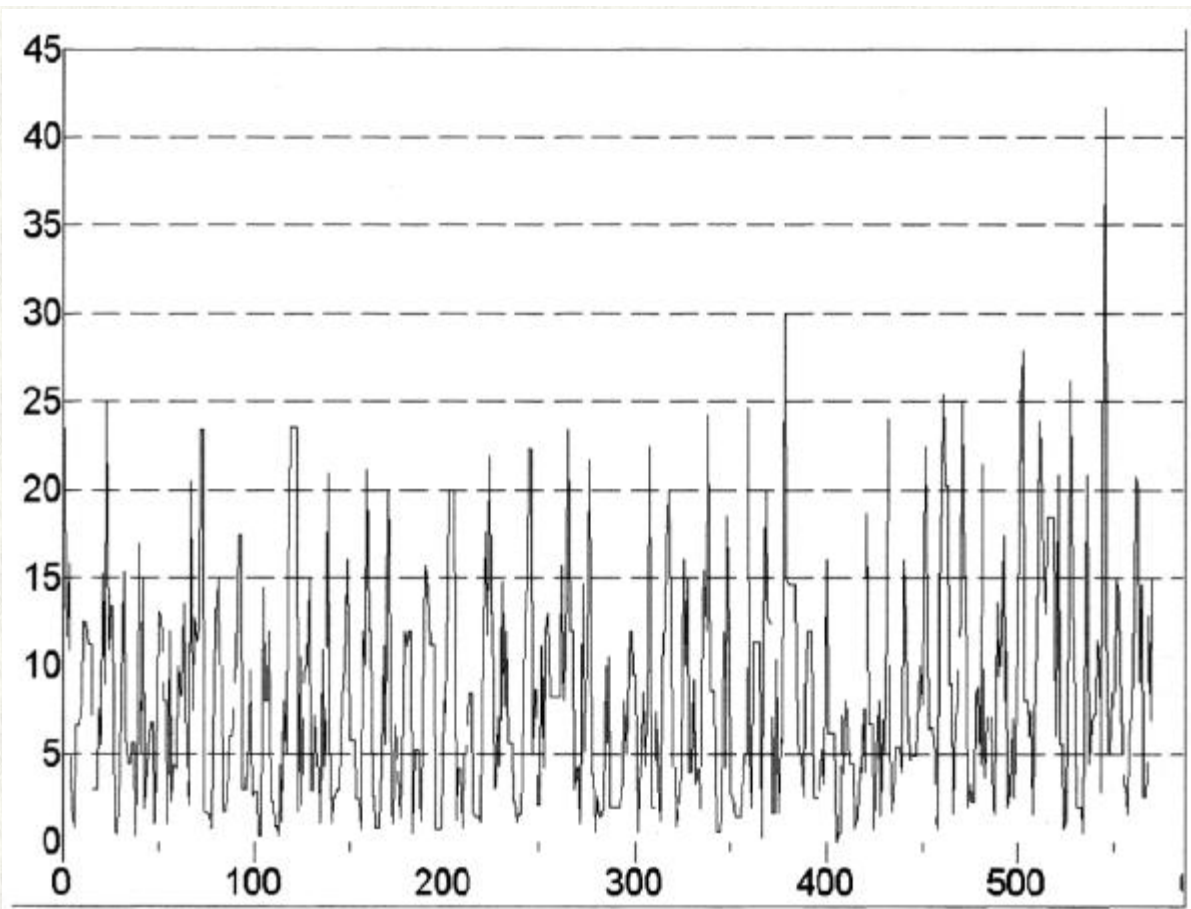
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Digital Filter Applied to ELF Data Collected at Chaco Canyon National Park, NM

X Axis : Observation Number at one per sec.

Y Axis : Frequency in Hz



Raw ELF Data Collected at Chaco Canyon National Park, NM
X Axis : Observation Number at one per sec.
Y Axis : Frequency in Hz

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