Yggdrasill Emergency Pulser Communications System

The Yggdrasill Emergency Pulser Communications System, or YEPCS, is a variable energy pulse which can be used as a method of communication with a widely varying frequency range and a dynamic focus, from broadcast to point-to-point. It is limited to light speed, however, but is very custom and largely unknown.

Designed by Yuki Toshiro and used on the SRSS Yggdrasill and the SRSS Alucard, the system is integrated with a pulsing device normally used to manipulate matter outside the vessel. Its bandwidth is 0.1 Hz to 2.6 GHz, with a frequency sesitivity of 0.01 Hz. The average frequencies used are in the range of 800 MHz to 1.2 GHz. The super-low frequency communication system is good for covert communications, though the frequency level dictates the type of communication possible.

	Type of Communication Possible	**Type of Communication Excluded**
2.6 GHz to 200 MHz	Video, Data, Audio, Formatted Text, Basic Text, Morse Code	None
199.9999999999 MHz to 15 MHz	Data, Audio, Formatted Text, Basic Text, Morse Code	Video
14.9999999999 MHz to 8 KHz	Audio, Formatted Text, Basic Text, Morse Code	Video, Data
7.999999 KHz to 1 KHz	Formatted Text, Basic Text, Morse Code	Video, Data, Audio
999.99 Hz to 100 Hz	Basic Text, Morse Code	Video, Data, Audio, Formatted Text
99.99 Hz to 2 Hz	Morse Code	Video, Data, Audio, Formatted Text, Basic Text
1.99 Hz to 0.1 Hz	None (Reserved for Emergency, Beacon, Radar/Sonar Ping)	All