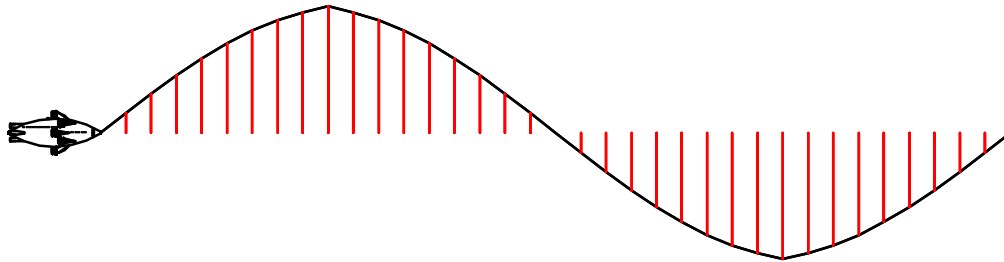
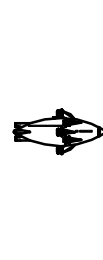


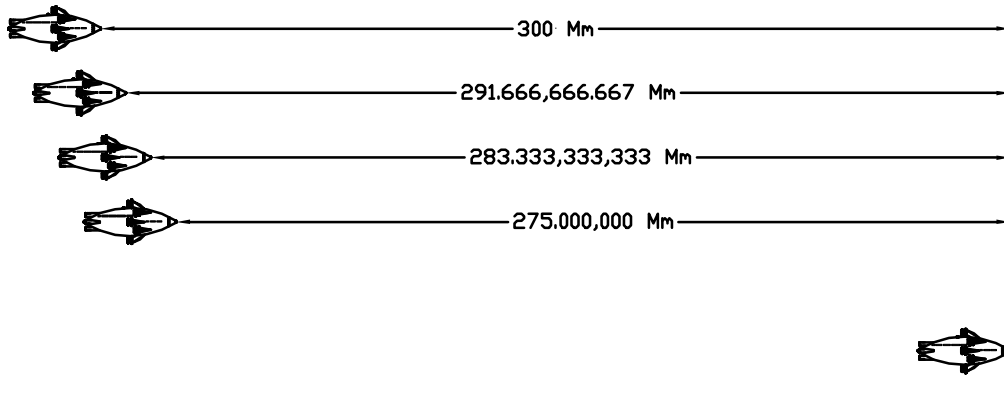
Now the Ship speeds up to 300.0 million Meters per Second.



When the Ship is traveling at the speed of light it would have moved 300,000,000 Meters during the second that it took to emit the cycle and the last bit would start from that point.

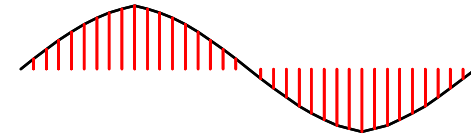


Breaking it down bit by bit once again: The first slice of the wave must travel 300,000,000 meters but the second slice only 291,666,666.667 meters and so forth. The final slice must travel no distance at all.



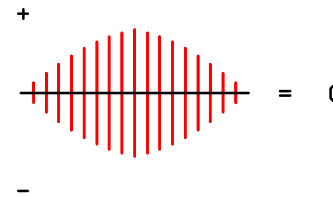
To the Observer the Cycle will have started and ended at the same time. The positive slices and the negative slices will all occur at the same time and being equal will cancel each other out. The power of the Wave which was in previous steps approaching Infinity is now Zero and it will be observed for Zero time. It is gone from the Observer's Universe.

Since the Wave ceases to exist for the Observer when the Transmitter comes his way at the Speed of Light no Wave from that Transmitter can be observed to approach at the Speed of Light.



Wave sent by the Ship: One Watt for one Second.

Wave seen by the Observer: None. A Watt Second has left the Observer's Universe. Gone the way of Cotton Eyed Joe. Since all the slices occur at the same time the various levels are marked here with horizontal lines. Also shown below spread out and on a smaller scale.



That is: This Observer cannot apprehend this Wave. It will continue on its path until it encounters an Observer that is moving in the same direction. The speed of the moving Observer will determine the perceived Wavelength and instantaneous Power she sees.

