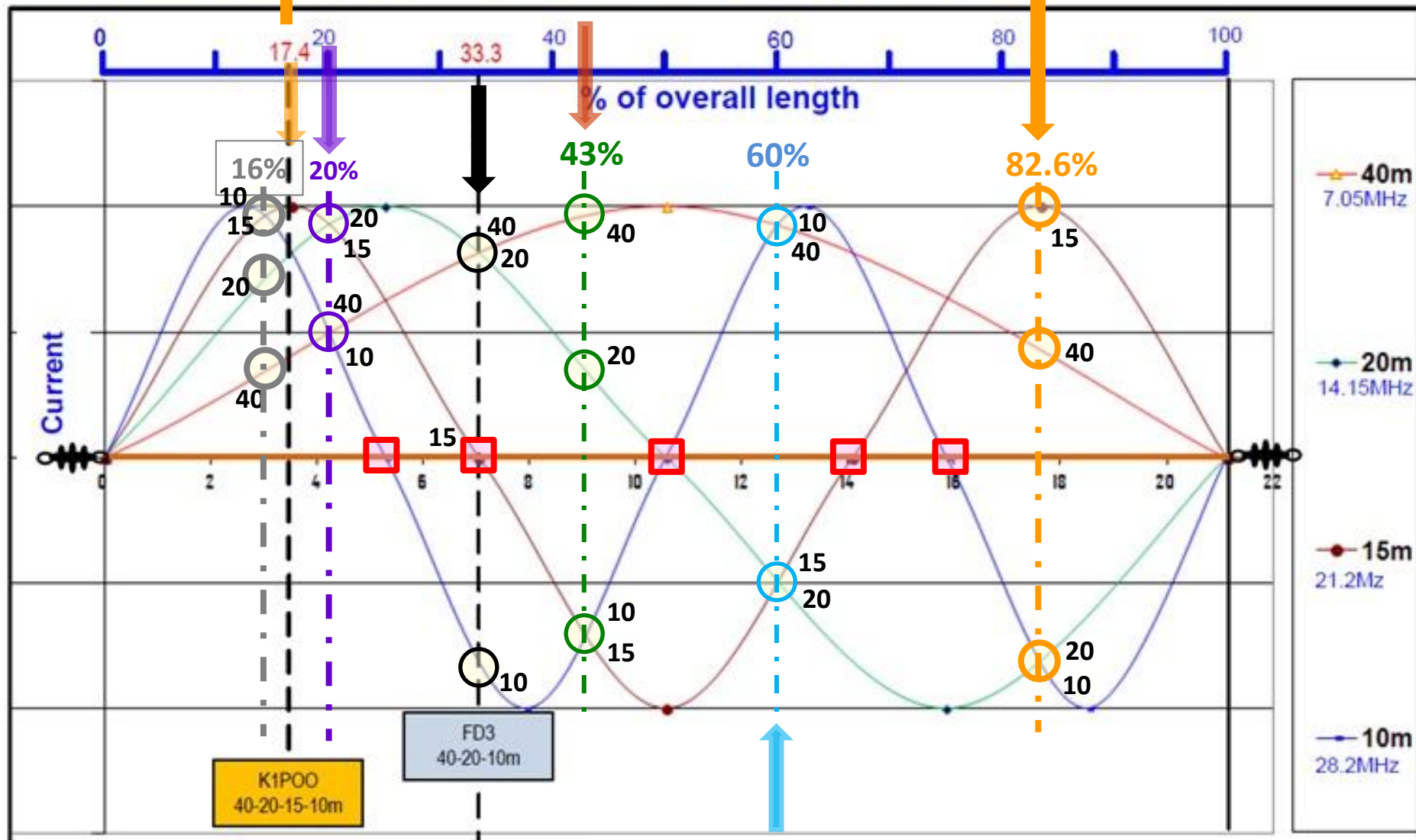


BACKGROUND TO THE DEVELOPMENT OF THE K1POO ANTENNA

Note: These two are exactly the same



Editors note:- The antenna was originally designed by Richard Formato as K1POO. However the call sign has since been re-issued to another person.

The diagram above shows a 40m half-wave wire with 4 sine waves superimposed associated with 40m, 20m, 15m & 10m bands. For a multi-band OCFD the sine waves show that there are two feed-points. Since the magnitude of three of the four currents is the same, the feed point impedance on some of the bands will remain constant. FD3 & G0FAH are associated with the 33.3% position, but the 17.4% (approx 1/6) position was chosen by K1POO for his version of the OCFD.