

---

Subject: Re: How did Kirk defeat Khan?

Posted by [Bill Fitzmaurice](#) on Tue, 25 May 2004 11:05:06 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

My point was that if you do all your designing/thinking from a standpoint of two dimensions that you can overlook the benefits of going off on a tangent, literally. Keeping the horn uniform width is logical from both a design and a construction standpoint, and in basshorns is also sonically sound practice. However, sometimes your design goal can better be achieved by sending the pathway at a right angle to its nominal direction, or for that matter by loading the driver from the side of the box rather than the front or rear. I can't say if I first used that method, but I've been using it since Snail III back in '96, and that one simple concept has made possible and been used in every horn I've built since then. The equiangular spiral I agree is the best folding method from a variety of standpoints for basshorns. It's the foundation for my Tuba sub series for just that reason.

---