
Subject: Re: Another bad SF movie (well, not exactly)

Posted by [msb](#) on Tue, 17 Sep 2013 19:21:11 GMT

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Message-ID:

Date: Sat, 2-Feb-85 03:48:00 EST

Article-I.D.: Isuc.347

Posted: Sat Feb 2 03:48:00 1985

Date-Received: Sat, 2-Feb-85 05:01:24 EST

References:

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Lines: 22

Summary: Amusing silliness in mediocre movie - The (Transatlantic) Tunnel ('35)

> >Ever wonder how they got that enormous elevator shaft into that small ship?

> >[in Dark Star]

>

> Better yet, look closely at the size of the bombs vs. the size of the ship,

> and try to figure out where they stored 20 of those things.

Last weekend I saw the 1935 movie The Tunnel, also titled The Transatlantic Tunnel. (It's a British remake of a 1933 German movie. All prints of it were believed lost.) For a 1930's sf movie, it wasn't that bad -- but there were some nice howlers.

Like... you're digging a tunnel, depicted as about 30-40 feet in diameter, from London to New York. This is somewhat over 3000 miles. Converting to metric, say 10 m diam and 5000 km length. The volume of the tunnel is therefore $\pi \cdot 5^2 \cdot 5000000 \text{ m}^3$, just about 400000000 m^3 . Even if the rock has only 2.5 times the density of water, that's ONE BILLION metric TONS of spoil (some miles below sea level, too) that you have to dispose of... this was simply ignored! And the 1500-mile trip from the tunnel ends to the working face was depicted as taking no more than, oh, an hour... in vehicles shown moving at no more than 50 mph...

Mark Brader
