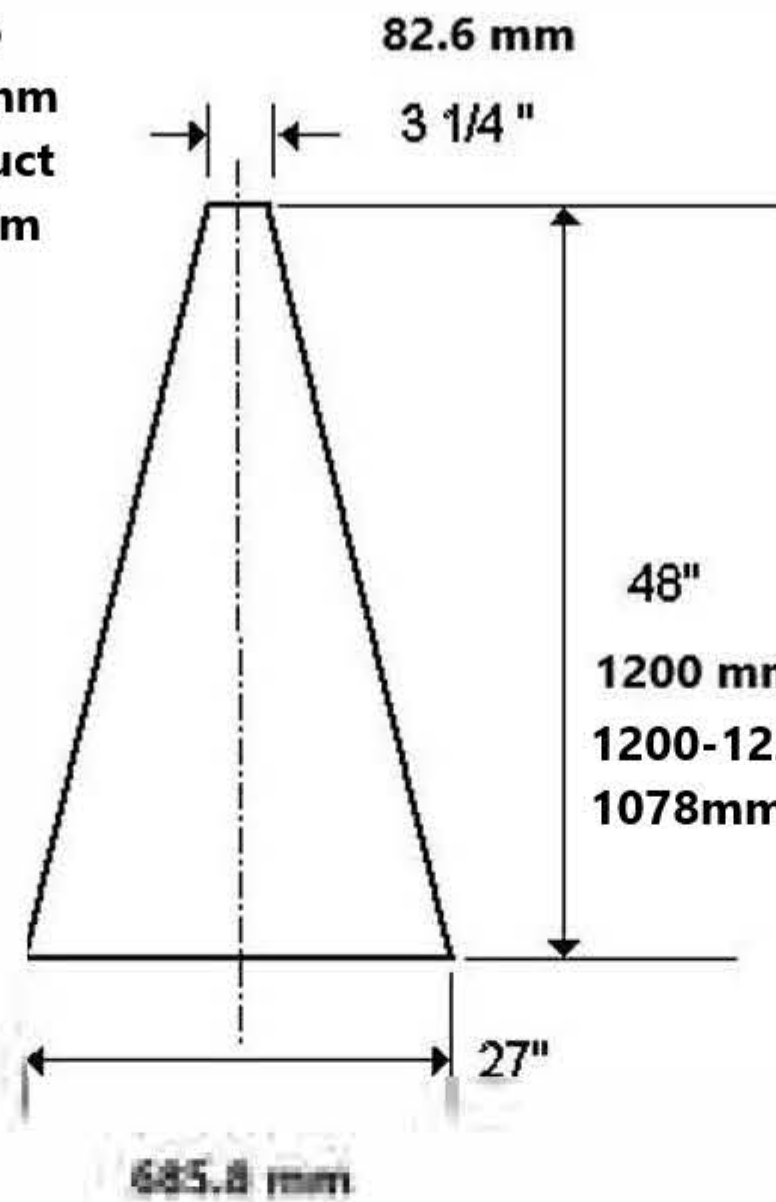


H-Line waveguide to coax adapter is 122mm long so need to deduct 122mm from 1200mm length

**Horn Top and Bottom Panels**



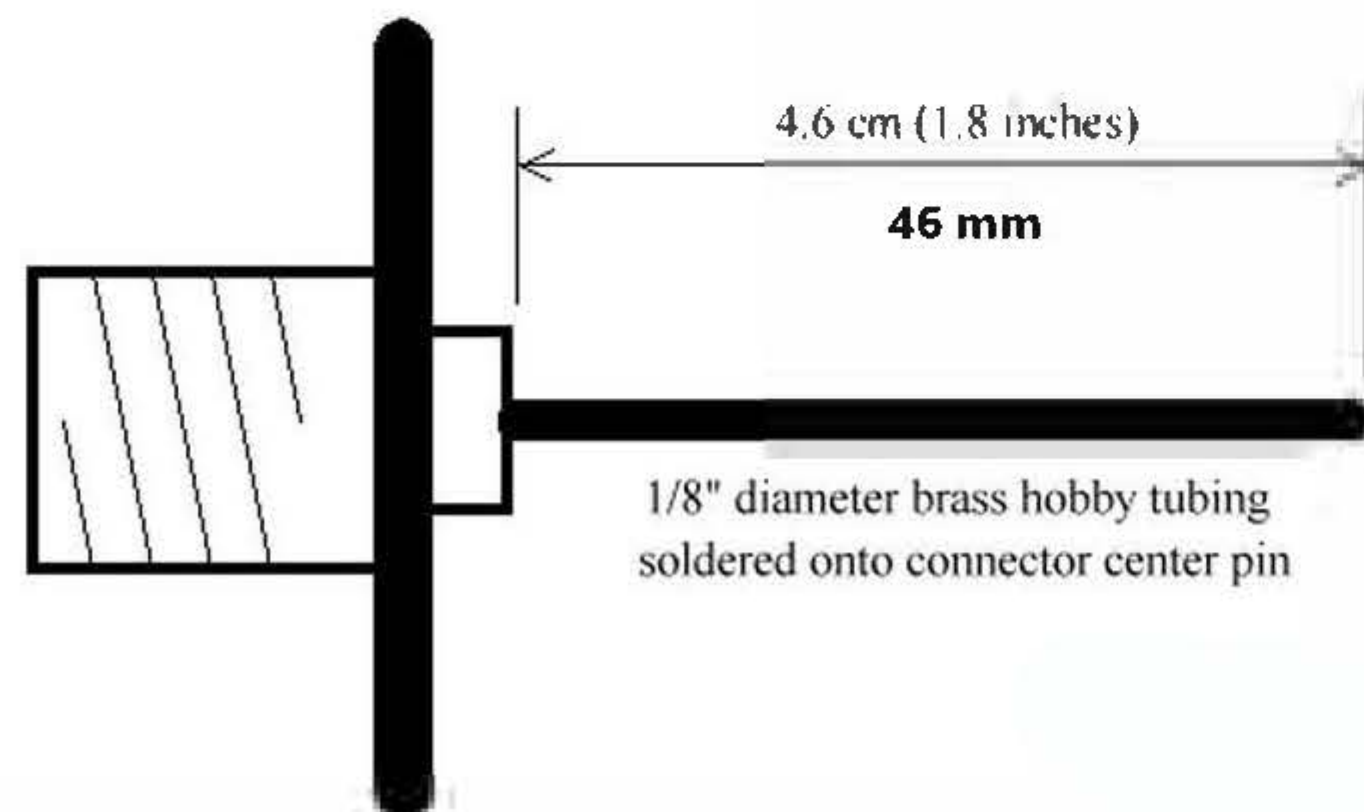
**Horn Side Panels**

## Plan & Measurements proposed LRO Hydrogen Line Horn Antenna 14/1/2026

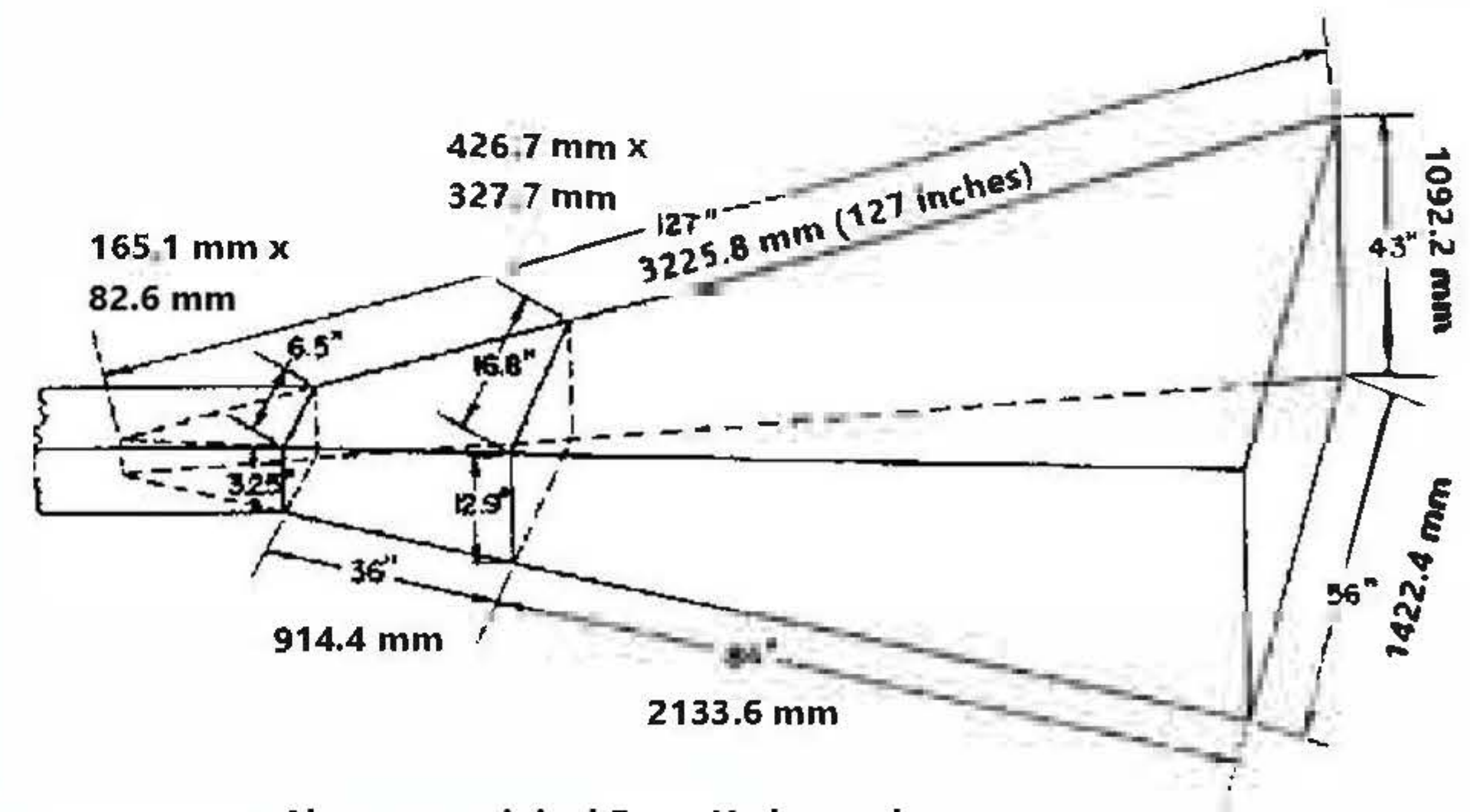
Measurements from SETI League Horn of Plenty  
<http://setileague.org/articles/horn.htm>

### Detail of Monopole Probe for Cylindrical Waveguide Feedhorn

Insert through side of feed horn  
8.8 cm (3.5 inches) ahead of shorted end



Type N Female Flange Mount Coaxial Connector



Above are original Ewen Hydrogen horn dimensions that first detected H-Line emissions Milky Way in March 1951.