

VLB ARRAY MEMO No. 69

Spare Parts for the VLB Array

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2/4/82

I have estimated the spare part requirements for the VLBA as follows:

Front End, IF, and Digitization System

Equivalent of one complete receiver system or 10%	500 K
<u>Hydrogen Maser</u>	150 K
<u>Playback System</u>	
2 Spare Playback Racks	25 K
Spare Recorder Parts, Heads, etc. (10%)	25 K
Correlator (10% parts)	<u>75 K</u>
Subtotal, Playback Systems	125 K
<u>Computer</u>	300 K
<u>Antenna Structure and Servo</u> (21% increase over design study)	330 K
<u>Cryogenics</u> (21% in increase over design study)	<u>45 K</u>
TOTAL Spare Parts	1450 K

In addition are the spare recorder racks, recorders, electronics and computer spares already allocated to the individual antenna systems.