

National Radio Astronomy Observatory
12 Meter Restacking
May 31, 1982

<u>Description</u>	<u>1982 Allocated</u>	<u>May Expended</u>	<u>Expended Year to Date</u>	<u>Unexpended Balance</u>	<u>Commitments</u>	<u>Uncommitted Balance</u>
<u>Backup Structure</u>						
2.911.1 Design & Drafting	224	37	37	187	-	187
2.911.2 Material & Fabrication	75,000	9,870	73,900	1,100	-	1,100
2.911.3 Miscellaneous	24,000	-	-	24,000	-	24,000
Sub-Total	99,224	9,907	73,937	25,287	-	25,287
<u>Green Bank Assembly</u>						
2.912.1 Reflector Support	2,485	295	3,887	(1,402)	-	(1,402)
2.912.2 Panel Mounting Hardware	3,000	249	697	2,303	-	2,303
2.912.3 Miscellaneous	1,953	(10)	1,641	312	95	217
2.912.4 Shipping to Tucson	5,000	-	-	5,000	-	5,000
Sub-Total	12,438	534	6,225	6,213	95	6,118
<u>Surface Panels</u>						
2.913.1 Panel Material & Fabrication	168,000	1	165,824	2,176	-	2,176
2.913.2 Reference Jig	9,505	5	9,314	191	-	191
2.913.3 Measuring Template	2,315	15	1,813	502	-	502
2.913.4 Data System	3,420	(30)	158	3,262	-	3,262
2.913.5 Miscellaneous	4,053	273	1,316	2,737	-	2,737
2.913.6 Shipping	5,000	-	1,593	3,407	-	3,407
Sub-Total	192,293	264	180,018	12,275	-	12,275
<u>Site Installation</u>						
2.914.1 B.U.S. Assembly	25,000	-	-	25,000	-	25,000
2.914.2 Equipment Rental	30,000	-	-	30,000	-	30,000
2.914.3 Remove & Modify Existing Structure	19,000	-	634	18,366	-	18,366
2.914.4 Install New Reflector	18,000	-	-	18,000	-	18,000
2.914.5 Install Panels	7,000	-	-	7,000	-	7,000
2.914.6 Adjust Panels	3,000	-	-	3,000	-	3,000
2.914.7 Recabling, Repainting, etc.	8,000	-	-	8,000	-	8,000
Sub-Total	110,000	-	634	109,366	-	109,366
<u>Contingency</u>						
Miscellaneous	65,000	-	-	65,000	-	65,000
Sub-Total	65,000	-	-	65,000	-	65,000
Total Budgeted	478,955	10,705	260,814	218,141	95	218,046

12 METER MILLIMETER WAVE TELESCOPE
MEMO No. 172

<u>Description</u>	<u>1982 Allocation</u>	<u>May Expended</u>	<u>Expended Year to Date</u>	<u>Unexpended Balance</u>	<u>Commitments</u>	<u>Uncommitted Balance</u>
<u>Labor</u>						
2.911.0 Backup Structure	-	-	-	-	-	-
2.912.0 Green Bank Assembly	-	2,933	4,958	-	-	-
2.913.0 Surface Panels	-	469	5,302	-	-	-
2.914.0 Site Installation	-	-	-	-	-	-
Total	-	3,402	10,260	-	-	-