

National Radio Astronomy Observatory  
12 Meter Resurfacing  
April 30, 1982

<u>Description</u>	<u>1982 Allocated</u>	<u>April 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	-	-	224	-	224
2.911.2 Material & Fabrication	75,000	11,530	64,030	10,970	7,251	3,719
2.911.3 Miscellaneous	24,000	-	-	24,000	-	24,000
Sub-Total	99,224	11,530	64,030	35,194	7,251	27,943
<u>Green Bank Assembly</u>						
2.912.1 Reflector Support	2,485	2,892	3,592	(1,107)	-	(1,107)
2.912.2 Panel Mounting Hardware	3,000	148	448	2,552	244	2,308
2.912.3 Miscellaneous	1,953	1,151	1,651	302	95	207
2.912.4 Shipping to Tucson	5,000	-	-	5,000	-	5,000
Sub-Total	12,438	4,191	5,691	6,747	339	6,408
<u>Surface Panels</u>						
2.913.1 Panel Material & Fabrication	168,000	-	165,823	2,177	-	2,177
2.913.2 Reference Jig	9,505	309	9,309	196	-	196
2.913.3 Measuring Template	2,315	1,498	1,798	517	-	517
2.913.4 Data System	3,420	88	188	3,232	-	3,232
2.913.5 Miscellaneous	4,053	743	1,043	3,010	40	2,970
2.913.6 Shipping	5,000	-	1,593	3,407	-	3,407
Sub-Total	192,293	2,638	179,754	12,539	40	12,499
<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	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	634	109,366	-	109,366
<u>Contingency</u>						
Miscellaneous	65,000	-	-	65,000	-	65,000
Sub-Total	65,000	-	-	65,000	-	65,000
<b>Total Budgeted</b>	<b>478,955</b>	<b>18,993</b>	<b>250,109</b>	<b>228,846</b>	<b>7,630</b>	<b>221,216</b>

12 METER MILLIMETER WAVE TELESCOPE  
MEMO No. 159

<u>Description</u>	<u>1982 Allocation</u>	<u>April 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	-	1,425	2,025	-	-	-
2.913.0 Surface Panels	-	1,133	4,833	-	-	-
2.914.0 Site Installation	-	-	-	-	-	-
Total	-	2,558	6,858	-	-	-