

National Radio Astronomy Observatory

12141/13141

12 Meter Resurfacing Project
As of December 31, 1982

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<u>Description</u>	<u>Project Allocation</u>	<u>Expended This Month</u>	<u>Total Expended & Committed</u>	<u>Free Balance</u>
<u>Backup Structure</u>				
2.911.1 Design & Drafting	10,776		9,819	957
2.911.2 Material & Fabrication	74,000		73,960	40
2.911.3 Miscellaneous	4,000		875	3,125
Sub-Total	88,776		84,654	4,122
<u>Green Bank Assembly</u>				
2.912.1 Reflector Support	5,515		5,457	58
2.912.2 Panel Mounting Hardware	1,000		1,003	(3)
2.912.3 Miscellaneous	2,047		2,837	(790)
2.912.4 Shipping to Tucson	16,000		13,104	2,896
Sub-Total	24,562		22,401	2,161
<u>Surface Panels</u>				
2.913.1 Panel Material & Fabrication	166,000		165,824	176
2.913.2 Reference Jig	9,995		10,552	(557)
2.913.3 Measuring Template	9,985	11	6,980	3,005
2.913.4 Data System	5,080	1,262	3,337	1,743
2.913.5 Miscellaneous	2,947	327	2,669	278
2.913.6 Shipping	10,000		8,388	1,612
Sub-Total	204,007	1,600	197,750	6,257
<u>Site Installation</u>				
2.914.1 B.U.S. Assembly	6,000		6,075	(75)
2.914.2 Equipment Rental	23,000		4,459	18,541
2.914.3 Remove & Modify Existing Stru.	25,000		22,625	2,375
2.914.4 Install New Reflector	10,000	1,065	4,099	5,901
2.914.5 Install Panels	8,000	1,069	12,826	(4,826)
2.914.6 Adjust Panels	3,000		2,741	259
2.914.7 Recabling, Repainting, etc.	8,000	594	7,940	60
2.914.8 Holographic Measure	25,000	6,448	25,309	(309)
2.914.9 Miscellaneous	10,000	4,017	4,404	5,596
Sub-Total	118,000	13,193	90,478	27,522
Contingency	64,655			64,655
Total Project Budget	500,000	14,793	395,283	104,717
Less:				
Transferred to Capital in 1981	2,650			2,650
Statement Balance	497,350		395,283	102,067
Original Cost Estimate	450,000			
Contingency	14,655			

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12 Meter Resurfacing Project
Commitments and Expenditures

<u>Date</u>	<u>Vendor</u>	<u>Project Number</u>	<u>Amount</u>	<u>Ref. No.</u>
12/28/82	Stores	2.913.3	11.62	SI2058
12/09/82	Leasametric	2.913.4	1,262.00	32315
12/22/82	Industrial Tool	2.913.5	247.35	32469
12/22/82	Surveying and Opt.	2.913.5	79.15	32492
12/30/82	Kushmaul Machine	2.914.4	1,026.25	32554
12/13/82	Copper State	2.914.4	38.57	T3344
12/30/82	J. Findlay	2.914.5	1,029.58	78174
12/30/82	Tucson Petty Cash	2.914.5	40.00	32562
12/31/82	Kushmaul Machine	2.914.7	593.81	32554
12/16/82	Hughes Elec.	2.914.8	6,262.85	G9102
12/16/82	Virginia Radio	2.914.8	85.00	G9193
12/30/82	Industrial Machine	2.914.8	100.00	G9130
12/30/82	Tucson Petty Cash	2.914.9	46.73	32644
12/30/82	Schaevitz Eng.	2.914.9	885.50	32567
12/30/82	Tucson Petty Cash	2.914.9	56.29	32562
12/30/82	H & E Elec.	2.914.9	292.68	32546
12/30/82	Newman Computer	2.914.9	2,495.00	T3364
12/30/82	Metal Bellows	2.914.9	125.04	T3369
12/30/82	H & E Elec.	2.914.9	115.28	T3377
			14,792.70	

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<u>Project No.</u>	<u>Description</u>	<u>Amount</u>
2.912.0	Back-up Structure	13,014
2.913.0	Surface Panels	5,302
2.914.0	Site Installation	<u>4,755</u>
Total		<u><u>23,071</u></u>

Travel

2.911.4	Miscellaneous	875
2.914.6	Adjust Panels	<u>2,617</u>
Total		<u><u>3,492</u></u>