

National Radio Astronomy Observatory

12141/13141
12 Meter Resurfacing Project
March 31, 1983

<u>Description</u>	<u>Project Allocation</u>	<u>Prior Years Capital</u>	<u>Expended & Committed This Month</u>	<u>Total Expended & Committed</u>	<u>Free Balance</u>
<u>Backup Structure</u>					
2.911.1 Design & Drafting	9,819*	9,819			-0-
2.911.2 Material & Fabrication	73,960*	73,960			-0-
2.911.3 Miscellaneous	2,000			875	1,125
Sub-Total	85,779	83,779		875	1,125
<u>Green Bank Assembly</u>					
2.912.1 Reflector Support	5,457*	5,457			-0-
2.912.2 Panel Mounting Hardware	1,003*	1,003			-0-
2.912.3 Miscellaneous	2,837*	2,837			-0-
2.912.4 Shipping to Tucson	13,104*	13,104			-0-
Sub-Total	22,401	22,401			-0-
<u>Surface Panels</u>					
2.913.1 Panel Material & Fabrication	165,824*	165,824			-0-
2.913.2 Reference Jig	12,000			10,552	1,448
2.913.3 Measuring Template	10,000			6,980	3,020
2.913.4 Data System	9,000	2,924		2,981	3,095
2.913.5 Miscellaneous	3,000			2,669	331
2.913.6 Shipping	8,388*	8,388	7	7	(7)
Sub-Total	208,212	177,136	7	23,189	7,887
<u>Site Installation</u>					
2.914.1 B.U.S. Assembly	6,075*	5,893		182	-0-
2.914.2 Equipment Rental	4,459*	4,459			-0-
2.914.3 Remove & Modify Exist. St.	22,625*	22,625			-0-
2.914.4 Install New Reflector	4,099*	3,034		1,065	-0-
2.914.5 Install Panels	12,826*	12,057		2,374	(1,605)
2.914.6 Adjust Panels	3,000		1,528	4,483	(1,483)
2.914.7 Recabling, Repainting, etc.	8,000			7,939	61
2.914.8 Holographic Measure	25,000		212	30,407	(5,407)
2.914.9 Miscellaneous	10,000		1,143	7,759	2,241
2.915.0 Sunscreen	10,000				10,000
Sub-Total	106,084	48,068	2,883	54,209	3,807

12 METER MILLIMETER WAVE TELESCOPE
MEMO No. 222

<u>Description</u>	<u>Project Allocation</u>	<u>Capital</u>	<u>Expended & Committed This Month</u>	<u>Total Expended & Committed</u>	<u>Free Balance</u>
Contingency	77,524				77,524
Total Project Budget	500,000	331,384	2,890	78,273	90,343
Less:					
Transferred to Capital 1981	2,650	(2,650)			
Transferred to Capital 1982	328,734	(328,734)			
Total	168,616	-0-	2,890	78,273	90,343
Original Cost Estimate	450,000				
Contingency	27,524				

* Project Completed

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 12 Meter Resurfacing Project
 Commitments and Expenditures
 March 31, 1983

<u>Date</u>	<u>Vendor</u>	<u>Project Number</u>	<u>Amount</u>	<u>Ref. No.</u>
3/31/83	J. Findlay	2.914.5	1,527.00	79248
3/31/83	Stores	2.913.6	7.32	222-225
3/31/83	Lambda Electronics	2.914.8	212.00	G9356
3/31/83	Tucson Petty Cash	2.914.9	10.40	33428
3/31/83	Unistrut Arizona	2.914.9	105.08	T3518
3/31/83	Unistrut Arizona	2.914.9	46.64	3522
3/31/83	Industrial Tool	2.914.9	259.85	3505
3/31/83	Industrial Tool	2.914.9	148.77	3393
3/31/83	Copper State Nut	2.914.9	572.31	T3506
			<u>2,889.37</u>	

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	<u>Travel</u>	
2.911.4	Miscellaneous	875
2.914.5	J. Findlay	1,527
2.914.6	Adjust Panels	<u>3,415</u>
Total		<u>5,817</u>