

## National Radio Astronomy Observatory

12141/T3141

## 12 Meter Resurfacing Project

April 30, 1983

<u>Description</u>	<u>Project Allocation</u>	<u>Prior Years Capital</u>	<u>Expended &amp; Committed This Month</u>	<u>Total Expended &amp; 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)
Sub-Total	208,212	177,136		23,182	7,894
<u>Site Installation</u>					
2.914.1 B.U.S. Assembly	6,075*	5,893		188	-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			4,483	(1,483)
2.914.7 Recabling, Repainting, etc.	8,000			7,939	61
2.914.8 Holographic Measure	25,000			30,407	(5,407)
2.914.9 Miscellaneous	10,000		157	7,916	2,241
2.915.0 Sunscreen	10,000				10,000
Sub-Total	106,084	48,068	157	54,372	3,644

12 METER MILLIMETER WAVE TELESCOPE  
 MEMO NO. 226

<u>Description</u>	<u>Project Allocation</u>	<u>Capital</u>	<u>Expended &amp; Committed This Month</u>	<u>Total Expended &amp; Committed</u>	<u>Free Balance</u>
Contingency	77,524				77,524
Total Project Budget	500,000	331,384	157	78,429	90,187
Less:					
Transferred to Capital 1981	2,650	2,650			
Transferred to Capital 1982	328,734	328,734			
Total	168,616	-0-	157	78,429	90,187
Original Cost Estimate	450,000				
Contingency	27,527				

\* ~~Prior~~ PROJECT COMPLETED

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12 Meter Resurfacing Project  
Commitments and Expenditures  
April 30, 1983

<u>Date</u>	<u>Vendor</u>	<u>Project Number</u>	<u>Amount</u>	<u>Ref. No.</u>
4/30/83	Holderness Ed. Supply	2.914.9	156.90	T3579
4/30/83	Stores	2.913.6	(7.32)	
4/30/83	Stores	2.914.1	<u>7.32</u>	
			<u>156.90</u>	

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12 Meter Resurfacing Project  
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Travel

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>