

DSMS LOGISTICS WORKING GROUP (LOWG) CANBERRA, AUSTRALIA

**Slides included in this presentation were
provided courtesy of :**

Bruce W. Troutman

**Manager, Logistics & Materiel Services
from his presentation at the NASA Supply
& Equipment Management Officers and
Property Disposal Officers Workshop on**

April 23-25, 2002



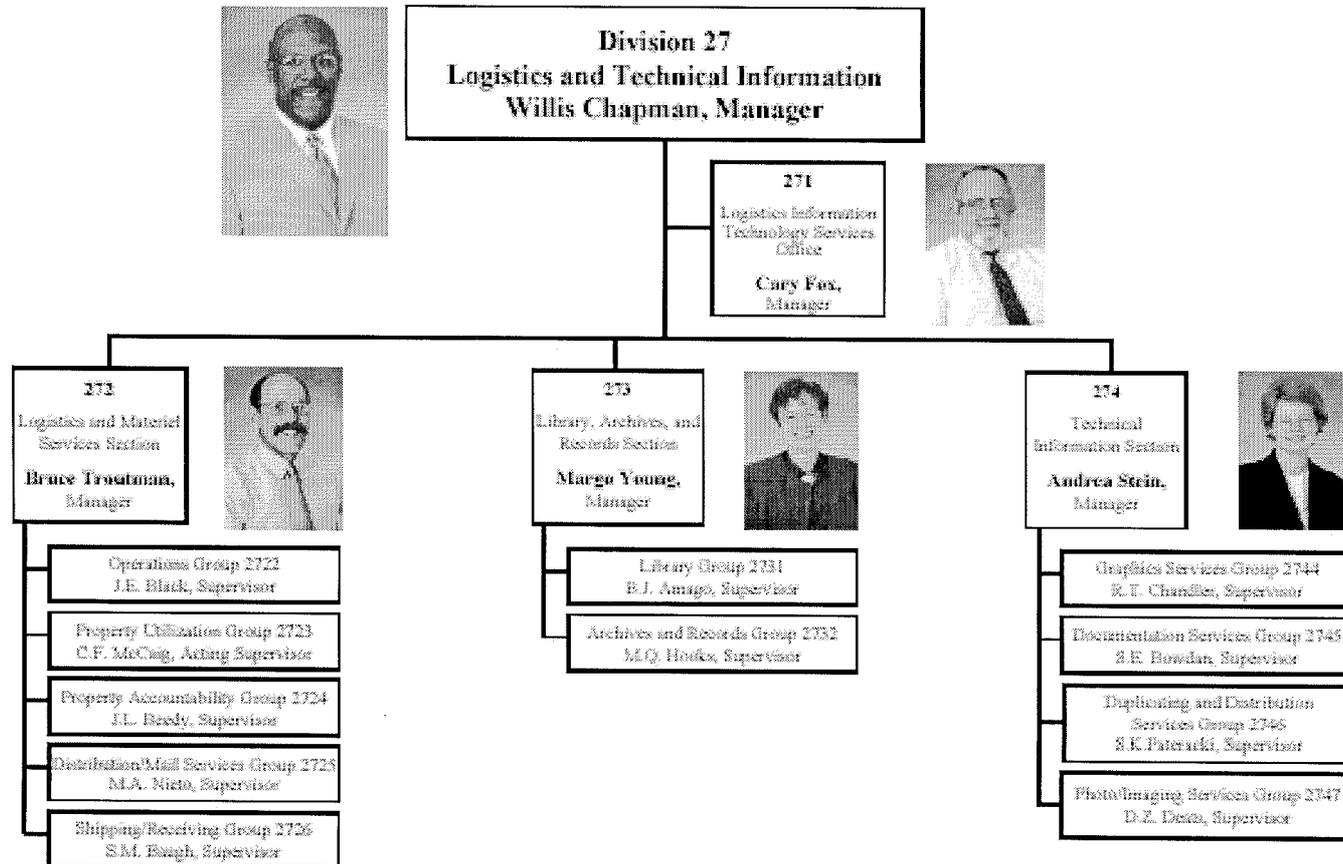
JPL

Logistics & Information Technology Division



JPL

Logistics and Technical Information Division



April 2002



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JPL

Shipping & Receiving



JPL FY'02 To Date - Receipts Processed

P-Card Receiving Cycle Process	11,610
Non-JIT Receiving Cycle Process	34,450
JIT Receiving Cycle Process	<u>47,732</u>
Total Receipts:	93,792

JPL FY'02 To Date - Shipments Processed

Shipping Cycle Process	7,186
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Supply and Equipment



- Completed the 2001 Annual Inventory with a loss rate of .43%, below the NASA standard for the 7th consecutive year.
- Recovered 60 assets to date from the 2001 inventory, continuing an annual recovery rate average of 34% over the last 6 years.
- Performed 40 bar code scanner installations throughout the Lab, providing Property Contacts with local asset inventory and location updating capabilities.
- Returned the Deep Space Network's Madrid, Spain site to JPL control, using a new automated interface to add the 3500 assets into our system.
- Utilized our existing system capabilities to track residual flight hardware for reutilization purposes.
- Participated in a Lab-wide clean-up program, leading to the establishment of an expanded annual property utilization program to include Safety, Environmental and other institutional activities.
- Reduced JPL assets by 23%, staying on track to meet the 25% Agency-wide asset reduction goal.



JPL

Industrial Property



-
- **DOD Liaison:** JPL has received 21% of their DOD Property Control System Analysis summaries due on their subcontractors for FY'01. JPL will notify the NASA Management Office of the delinquencies and JPL will send letters to the member agency branch offices for prompt updates.
 - **Contractor Performance:** For FY'01 there was .01% of unsatisfactory property control system rating for JPL subcontractors. JPL closely monitors and follows the status of unsatisfactory property system survey reports. The Property Utilization Group updates the Acquisition Division of unsatisfactory/withdrawn approvals of property system surveys quarterly.
 - The FY'01 subcontractor property loss was 0.1%. JPL has approximately 6,023 accountable property items at subcontractors with a value of \$41,811,000. There are roughly 190 subcontractors with property at this time.



JPL

Process for Electronic Sales at JPL



-
- Obtain sale number from contracting officer representative (COR) at GSA.
 - Agreement on lotting of sale items with custodian and contracting officer representative i.e., number of pallets that will be in sale and size of lot's.

Lotting Process:

- All lots are in FSC category.
- Custodian must conduct a physical inventory of each item to be sold (to show 100% accountability).
- Place GSA sale placard on each lot.
- Take digital photo of each lot.
- Send (electronically) all photos with inventory listing to GSA for processing.
- When sale is complete, GSA sends JPL custodian notification.
- GSA, San Francisco sends JPL all required documentation.
- The United States Treasury, Kansas City, MO, issues GSA sales proceeds checks.
- JPL Finance receives, deposits, (in bank), and then applies to appropriate account.



JPL

Process for Electronic Sales at JPL, Continued



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- JPL will now use Electronic Funds Transfer (EFT) for deposit of sales funds
 - This will make Internet sales at JPL completely automated in this process.



GSA Sales - FY'01



Sealed Bid Sales

<u>Sale No.</u>	<u>Lots</u>	<u>Items</u>
01-010	41	2159
01-013	1	8
01-040	23	1214
01-058	1	121

Internet Sales

<u>Sale No.</u>	<u>Lots</u>	<u>Items</u>
I01-076	11	229
I01-088	46	2149



JPL

Best Business Practices



1. Web Assets application for local control
 - Inventories
 - Reassignments
 - Location Updates
 - Available Excess View & Claim
 - Storage
 - Real-Time Queries
 - Excess
 - E-mail Alerts
2. High-quality available excess images for GSA sales.
3. CFL/SWIA Donations Programs.
4. Consolidated JPL-wide Property, Safety, Environ., & Facilities inspection programs.
5. Web-enabled material movement.
6. Internal Self-Assessment of JPL property management policies and procedures.
7. Utilization of utility vehicles that allow for fuel consumption reduction.
8. Replacement GSA vehicles will use LPG (propane).
9. Fully-integrated Oracle business application.
10. PCARSS will be utilized for plant clearances.
11. Disc-scrubbing at subcontractors for computer disposals.
12. Mapped Oracle retirement types to disposal reporting elements.
13. E-mail alerts to Shipping customers notifying them of shipment completions.
14. Shipped assets are scanned with delivery location and reference information captured.



JPL

DeWorming



• Active NEMS Assets @ JPL Site	33,800
* Estimated 90% Completion:	30,400
• Active NEMS Assets @ SUB Site	1,500
* Estimated 90% Completion:	1,350
• Total Active NEMS Assets @ JPL and SUB	35,300
* Estimated 94% Completion:	31,750
<u>Total remaining:</u>	3,550

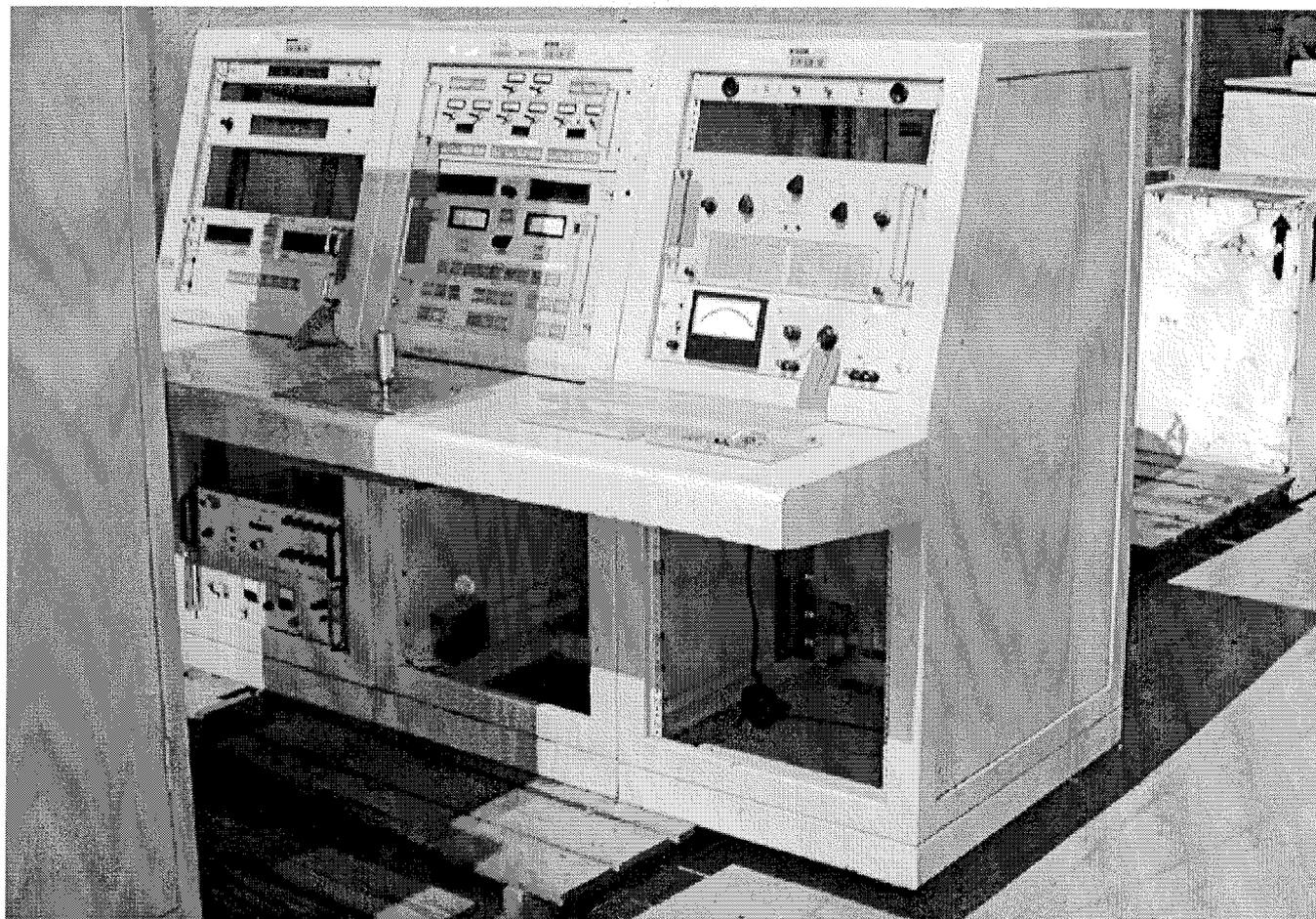
JPL has been accomplishing the above on a non-interference basis through:

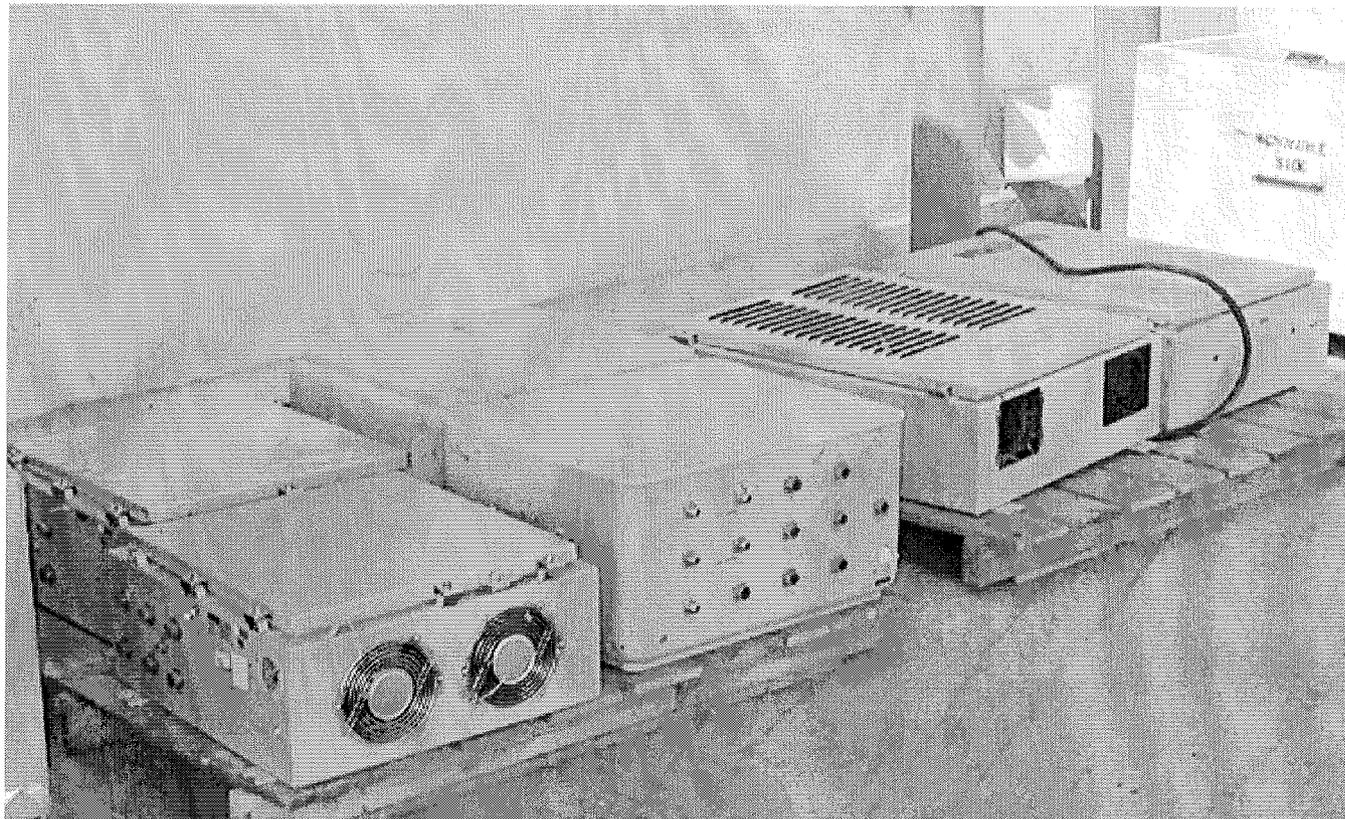
- Walkthrough Inspections
- Physical Sighting by Property Personnel
- Sweeps of Specific Buildings
- Engagement of JPL Administrators
- Support of our Subcontract Partners

* = Mostly overseas locations (Australia, Spain and Russia)











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- ASSETS**
 - EXCESS PROPERTY**
 - REAL PROPERTY**
 - SELF ASSESSMENTS**
- 

Acquire, Maintain, and Deploy Property -Policy

- **Applicability**
 - This policy applies to all JPL employees, contractors, and sub-contractors who may acquire, possess and be accountable for the control, preservation, protection, or maintenance of JPL property or material.
- **Policy Statement**
 - Accountable property and material which is furnished by the Government, or which is acquired or fabricated by JPL, will be used only in the performance of Caltech contracts with NASA or other approved sponsors. Property or material that is in excess of the needs of the Laboratory will be identified and made available to NASA installations and other Government agencies.

Property for which JPL is accountable will be maintained in satisfactory condition through a program of inspection, calibration, and preventive maintenance. In particular, property and material intended for delivery to any JPL customer (e.g. flight hardware) shall be preserved against damage or loss until delivery.

Control of property is maintained by specific item, and physical inventories of accountable property and performed as required by contractual provisions or the cognizant Government Property Administrator.

The Laboratory meets its essential requirements for property and material by the most economical means, including standardization on the use of general-purpose items to the extent practicable.

Each employee is responsible for the proper use, care, and protection of Government property and for remaining aware of the whereabouts of assigned property. Employees will be accountable (and may be subject to disciplinary actions) for loss, damage, or destruction of Government property resulting from their gross negligence, willful misconduct, unlawful appropriation for personal use or benefit, or use other than JPL business.

JPL will establish and maintain documented procedures for the implementation of this document.
- **Rationale**
 - JPL is obligated to control, preserve, protect and maintain all accountable property and material necessary to the performance of its mission. A properly implemented policy of property control can minimize lost or damaged property, saving the Laboratory time and money.
- **Consequence**
 - **Naturally Occurring Consequences:**

Failure to comply with this policy may result in the loss, damage, or destruction of Government property or material. This could result in the rejection of the approved JPL Property System, and therefore, Caltech would be obligated to acquire such property and material as may be required to fulfill our contracts.

DESCRIPTION			
PURCHASER		MODEL	SERIAL NO.
ACQUISITION COST	LOCATION OF EQUIPMENT BLDG. ROOM OTHER		DATE FOUND
ID AND BADGE OF ASSIGNEE			ORG. NO.
PROPERTY ADMINISTRATOR		PROJECT	TASK
			DATE 04/22/2002
ADDITIONAL INFORMATION			

PART II - IDENTIFY SOURCE AND DELIVERY

MODE OF EQUIPMENT FOUND (Check and complete where applicable)

PURCHASED LEASED LOANED FABRICATED GOVERNMENT TRANSFER GOVERNMENT EXCESS CONTRACTOR EXCESS INTERFACE PROBLEM
 REPAIR/REPLACEMENT DIRECT DELIVERY MISSED IN RECEIVING UNKNOWN TAGGED ALREADY OTHER _____

PRIORITY
 1. CONTRACT NO. OR OTHER _____

MODE OF SOURCE _____ DATE RECEIVED _____

MODE OF DELIVERY
 CONTRACTOR/VENDOR TO USER RECEIVING DOCK TO USER CONTRACTOR INSTALLED EMPLOYEE PICKUP OTHER _____

REMARKS (Use to explain why item was not controlled upon receipt, delivered through receiving, etc. Continue on separate sheet, if necessary.)

APPROVED BY (Name and signature) _____ DATE _____

PART III - INTERNAL REVIEW

PROPERTY ACCOUNTABILITY REVIEW

REVIEWED AND SIGNATURE _____ DATE _____

GENERAL INFORMATION

controlled equipment (equipment with an acquisition cost of \$1000 or more) that has an estimated service life of two years or more, which will not be consumed or expended in an experiment, and selected items of equipment (valued at \$100 or greater) designated and identified as sensitive by JPL must be (1) recorded in the JPL Property Management System and (2) physically marked with an equipment control number.

INSTRUCTIONS

Part I and II are to be completed by a Property Administrator (or signee) in conjunction with the individual possessing the asset, their signed Property Contact, and/or any other individuals that can provide details pertaining to the matter.

Part III is to be completed by an independent member of the Property Accountability Group.

EXCESS PROPERTY

- **Flow Charts**

Excess Property -Policy

•Applicability

•This policy applies to all JPL personnel in possession of Government Property under JPL control, including NASA Contractors, Sub-Contractors, Grantees; also property that is located at other NASA Installations, Field Installations, and other institutionally-held, NASA-Owned property, wherever located

•Policy Statement

•The purpose of the process is to ensure that JPL and NASA Excess Personal Property is promptly identified. This will be accomplished by establishing controls for declaring excess property and by maintaining adequate and accurate records of disposal activities.

•The Laboratory will maintain a timely end-to-end disposal process.

•Rationale

•Property that is no longer in the best interest of the Laboratory to maintain due to cost ineffectiveness must be excessed. This includes property not required for the original purpose for which it was acquired.

•Consequence

•Naturally Occurring Consequences:

Failure to comply with this policy in unnecessary costs for retaining and storing excess property.



**User reports
property to NASA
Property Disposal
Officer**

**NASA internal agency 30
calendar days screening**

**Theater U.S. Federal
agencies screening - 10
calendar days**

**U.S. Federal agencies in
U.S. screening - 10
calendar days**

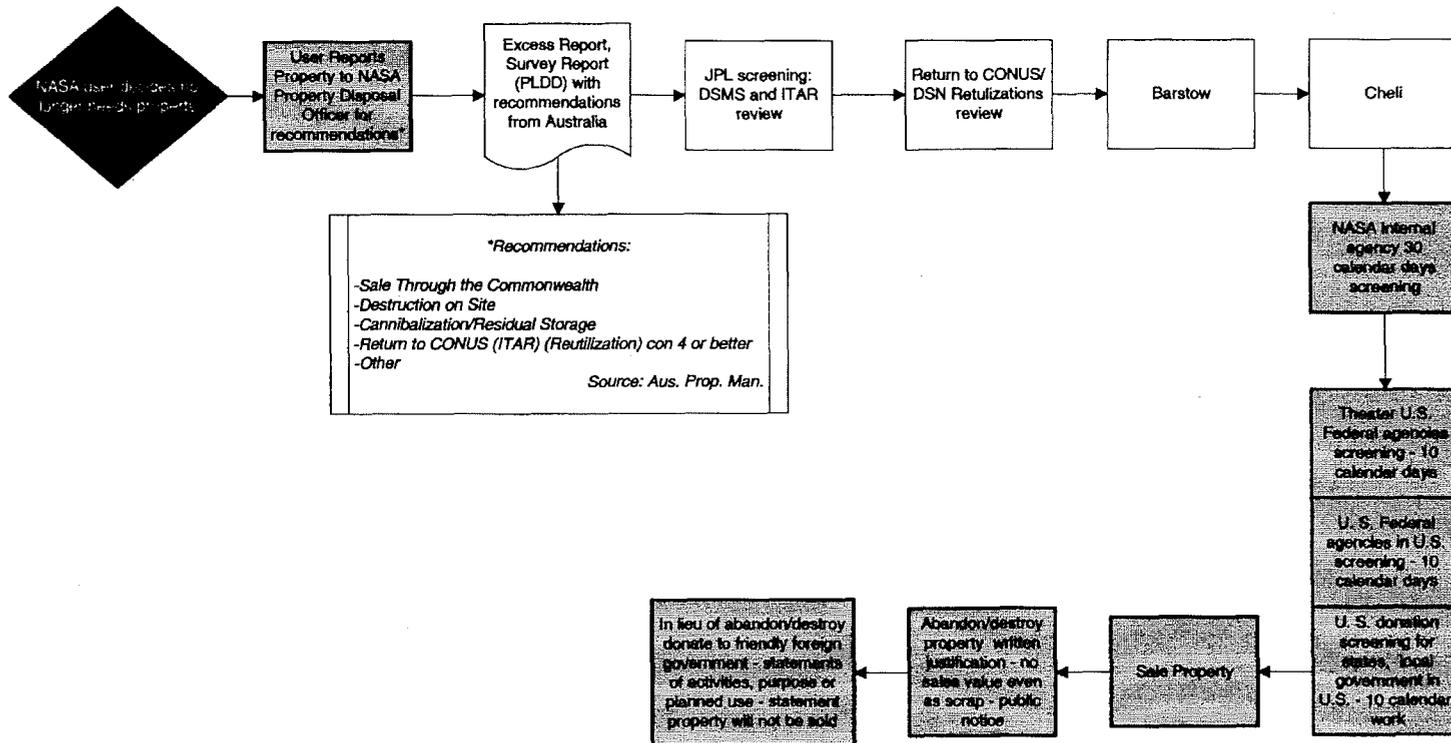
**U.S. Donation screening
for states, local
government in U.S. - 10
calendar days**

Sale property

**Abandon/destroy property
- written justification - no
sales value even as scrap
- public notice**

**In lieu of abandon/destroy
donate to friendly foreign
government - statement of
activities, purpose or planned
use - statement property will
not be sold**

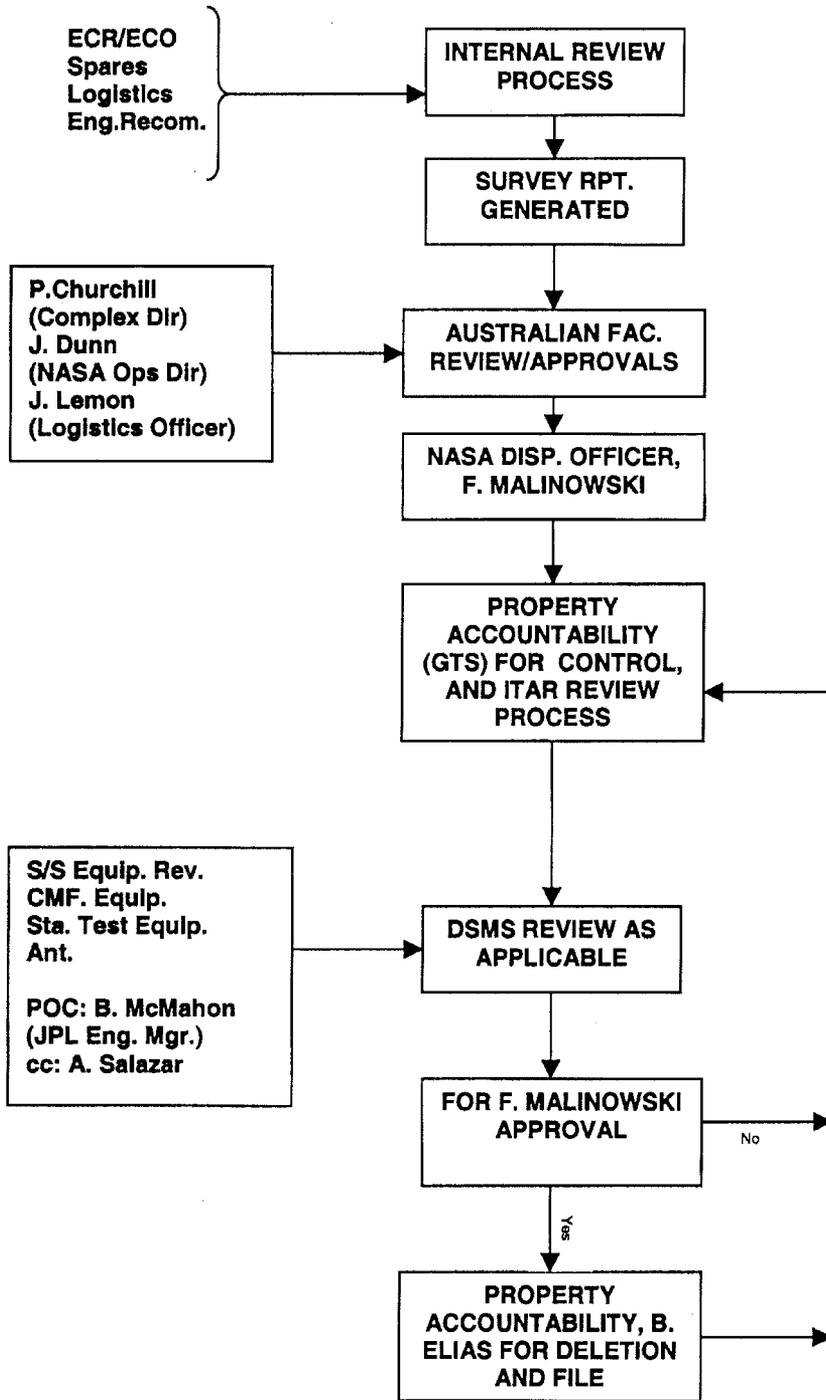
EXCESS PROCESS



NASA user.vsd/sa

Exc proc.doc/sa

AUSTRALIA SURVEY REPORT FLOW CHART



REAL PROPERTY

- **Forms 845 (Buildings) 846 (Facilities)**
 - AUS
 - GTS
 - SPN

- **NASA Real Property Database Card 845 and 846**
 - AUS
 - GTS
 - SPN

- **NASA Real Property Database Index**

Real Property -Policy

- **It is the policy that real property under Agency authority or control will be managed through and in consonance with the pertinent statutory and regulatory requirements for management of such real property. Centers will manage their real property and facilities to ensure that the necessary real estate and facilities are available to perform their assigned mission and support their areas of excellence. Centers will also identify, plan, and implement options to eliminate unnecessary real property or facility costs. NASA Headquarters Facilities Engineering Division, will serve as the principal point of contact for external real estate activities and provide Agency wide assessment of real property and facility utilization, facility planning, and Center management effectiveness of real property activities.**

Note: Information obtained from NASA Policy Directive Number DPD 8800.14A

NASA REAL PROPERTY DATABASE INDEX

JPL - JPL JPL/Australia - DSS-43 - 70m Antenna
JPL - JPL JPL/Australia - Canberra Deep Space Communications Compl
JPL - JPL JPL/Australia - DSS-42 - 34m Antenna
JPL - JPL JPL/Australia - DSS-45 - 34m Antenna
JPL - JPL JPL/Goldstone - DSS-11 - Pioneer - 26m Antenna
JPL - JPL JPL/Goldstone - DSS-12 - Echo - 34m Std Antenna (GAVRT)
JPL - JPL JPL/Goldstone - DSS-13 - Venus - 34m Antenna
JPL - JPL JPL/Goldstone - DSS-14 - Mars - 70m Antenna
JPL - JPL JPL/Goldstone - DSS-15 - Mars - 34m Antenna
JPL - JPL JPL/Goldstone - DSS-16 - Apollo - 26m Antenna
JPL - JPL JPL/Goldstone - DSS-23 - Apollo - 11m Antenna
JPL - JPL JPL/Goldstone - DSS-24 - Apollo - 34m Antenna
JPL - JPL JPL/Goldstone - DSS-25 - Apollo - 34m Antenna
JPL - JPL JPL/Goldstone - DSS-26 - Apollo - 34m Antenna
JPL - JPL JPL/Goldstone - DSS-27 - Gemini - 34m Antenna
JPL - JPL JPL/Goldstone - DSS-28 - Gemini - 34m Antenna
JPL - JPL JPL/Goldstone - Gemini Site
JPL - JPL JPL/Goldstone - Venus - 26m Antenna
JPL - JPL JPL/Goldstone - Venus - 9m Antenna
JPL - JPL JPL/GTS - DSS17 - Apollo - 9m Ant. (Decommissioned)
JPL - JPL JPL/Spain - DSS-61 - 34m Antenna
JPL - JPL JPL/Spain - DSS-63 - 70m Antenna
JPL - JPL JPL/Spain - DSS-66 - 26m Antenna
JPL - JPL/Australia - DSS-33 - 11m Antenna
JPL - JPL/Australia - DSS-34 - 34m Antenna
JPL - JPL/Australia - DSS-46 - 26m Antenna
JPL - JPL/Goldstone - Apollo Site
JPL - JPL/Goldstone - Echo Site
JPL - JPL/Goldstone - Mars Site
JPL - JPL/Goldstone - Pioneer Site
JPL - JPL/Goldstone - Venus Site
JPL - JPL/Spain - DSS-53 - 11m Antenna
JPL - JPL/Spain - DSS-54 - 34m Antenna
JPL - JPL/Spain - DSS-65 - 34m Antenna
JPL - JPL/Spain - Madrid Deep Space Communications Complex

REAL PROPERTY RECORD - BUILDINGS

1. DATE OF CARD

2. NAME OF BUILDING	2A. BLDG. NO.	3. GSA USAGE CODE	3A. NASA FACILITY CLASSIFICATION CODE
4. NAME OF INSTALLATION (or contractor)			4A. SITE LOCATION CODE
5. CITY OR TOWN			5A. CITY OR TOWN CODE
6. COUNTY OR COUNTRY			6A. COUNTY OR COUNTRY CODE
7. STATE OR CONTINENT			7A. STATE OR CONTINENT CODE

8. NASA INTEREST	9. LEASE TERMS	10. ACQUISITION	11. YEAR BUILT	12. CONSTRUCTION
<input type="checkbox"/> A. OWNED	A. EFFECTIVE DATE	METHOD		<input type="checkbox"/> P <input type="checkbox"/> S <input type="checkbox"/> T
<input type="checkbox"/> B. LEASED	B. EXPIRATION DATE	<input type="checkbox"/> PURCHASED		13. ESTIMATED LIFE
<input type="checkbox"/> C. PERMIT	C. PERIOD OF RENEWAL OPTION (Years)	<input type="checkbox"/> BY TRANSFER		14. TOTAL GROSS FLOOR AREA (Sq. Ft.)
<input type="checkbox"/> D. AGREEMENT	D. ANNUAL RENTAL RATE \$	<input type="checkbox"/> OTHER		15. CUBIC FEET (Vol.)

16. INITIAL BUILDING COST		20. UTILITY CONNECTIONS			
17. HEATING SYSTEM		TYPE	NUMBER	SIZE	CAPACITY
A. SOURCE	B. TYPE FUEL	A. WATER			
		B. SEWER			
18. AIR CONDITIONING		C. ELECTRIC			
A. TYPE	B. CAPACITY	D. GAS			
		E. STEAM			
19. FIRE PROTECTION FACILITIES		F. OTHER			
A. NO. OF UNITS	B. TYPE				

21. BUILDING MATERIALS		22. BUILDING DIMENSIONS	
A. FOUNDATION	B. FLOOR	A. MAIN BLDG. (Length x width)	B. BASEMENT (Length x width)
C. WALLS	D. ROOF	C. WINGS (No., length x width)	

23. BUILDING CAPACITY			24. CONTRACT DATA	
A. FLOOR NO.	B. SQUARE FEET	C. FLOOR LOAD	A. NAME & ADDRESS OF CONTRACTOR	
			B. DATE CONSTRUCTION BEGAN	C. DATE CONSTRUCTION COMPLETED

25. REFERENCE DOCUMENTS				
A. PROJECT NO.	B. JOB ORDER NO.	C. INVOICE NO.		
D. DRAWING NO.	E. CONTRACT NO.			

26. TRANSACTIONS COMPLETED - ADDITIONS - DELETIONS						
A. DATE	B. VOUCHER NO.	C. DESCRIPTION/ CONTRACT/PROJECT NO.	D. VALUE		E. ACCUMULATIVE TOTAL COST	F. ACCUMULATIVE TOTAL SQ. FT.
			(1) DECREASE	(2) INCREASE		

REAL PROPERTY RECORD - OTHER STRUCTURES & FACILITIES

1. DATE OF CARD		2. NAME OF STRUCTURE OR FACILITY			
2A. STRUCTURE OR FACILITY NO.		3. GSA USAGE CODE		3A. NASA FACILITY CLASSIFICATION CODE	
4. NAME OF INSTALLATION <i>(or contractor)</i>				4A. SITE LOCATION CODE	
5. CITY OR TOWN				5A. CITY OR TOWN CODE	
6. COUNTY OR COUNTRY				6A. COUNTY OR COUNTRY CODE	
7. STATE OR CONTINENT				7A. STATE OR CONTINENT CODE	
8. NASA INTEREST	9. LEASE TERMS		10. ACQUISITION		11. YEAR BUILT
<input type="checkbox"/> A. OWNED	A. EFFECTIVE DATE		METHOD	DATE	12. INITIAL COST
<input type="checkbox"/> B. LEASED	B. EXPIRATION DATE		<input type="checkbox"/> PURCHASED		
<input type="checkbox"/> C. PERMIT	C. PERIOD OF RENEWAL OPTION <i>(Years)</i>		<input type="checkbox"/> BY TRANSFER		13. DIMENSIONS/CAPACITY
<input type="checkbox"/> D. AGREEMENT	D. ANNUAL RENTAL RATE \$		<input type="checkbox"/> OTHER <i>(Specify)</i>		
14. ADDITIONAL DESCRIPTIVE INFORMATION					

15. EXPLANATORY REMARKS

16. CONTRACT DATA

A. NAME AND ADDRESS OF CONTRACTOR		B. DATE CONSTRUCTION STARTED
		C. DATE CONSTRUCTION COMPLETED

17. REFERENCE DOCUMENTS

18. TRANSACTIONS COMPLETED - ADDITIONS - DELETIONS

A. DATE	B. VOUCHER NO.	C. DESCRIPTION/ CONTRACT/PROJECT NO.	D. VALUE		E. ACCUMULATIVE TOTAL	F. UNIT OF MEASURE
			(1) INCREASE	(2) DECREASE		

Jet Propulsion Lab

TIMBER STORE BLDG

Update

Voucher

Inventory

In/Out Grant

Property No 007	Property Name TIMBER STORE BLDG	Structure Buildings	Construction Temporary	
Installation Name JPL JPL/Australia - Canberra Deep Space Communications Compl		Site Location Code 55CDSCC		
City or Town		City/Town Code		
County/Country		County/Country Code		
State/Continent		State/Continent Code		
Card Date Jul-01-1974	Ledger Account 1521 Buildings			
NASA Classification 140-40 Support Buildings - Material (Tracking Stations)		GSA Usage Code 50 Industrial		
NASA Interest AGREEMENT		Status Active		
Utilization Level				
Book Cost As Of 2002 \$1,042		Original Capacity 300 Square Feet	Original Size 300 SF	
CRV As Of 2002 \$5,520		Current Capacity 300 Square Feet	Current Size 300 SF	
Transaction Activity(ies):				
Voucher #	Date	Cost (+/-)	Capacity (+/-)	Description
1967-001	Dec 31, 1967	1,042	300 Square Feet	Original Construction
Equivalent to NASA Forms 844, 845, 846 & 847				

Main



REAL PROPERTY RECORD - BUILDINGS					1. DATE OF CARD	
					1 JULY 1974	
2. NAME OF BUILDING			2A. BLDG. NO.	3. GSA USAGE CODE	3A. NASA FACILITY CLASSIFICATION CODE	
TIMBER STORE BUILDING			007	40	140-40	
4. NAME OF INSTALLATION (or contractor)				4A. SITE LOCATION CODE		
TIDBINBILLA DSCC				91		
5. CITY OR TOWN				5A. CITY OR TOWN CODE		
CANBERRA				2000		
6. COUNTY OR COUNTRY				6A. COUNTY OR COUNTRY CODE		
AUSTRALIA				160		
7. STATE OR CONTINENT				7A. STATE OR CONTINENT CODE		
AUSTRALASIA				96		
8. NASA INTEREST		9. LEASE TERMS		10. ACQUISITION		11. YEAR BUILT
<input type="checkbox"/> A. OWNED		A. EFFECTIVE DATE		METHOD		DATE
<input type="checkbox"/> B. LEASED		B. EXPIRATION DATE		<input type="checkbox"/> PURCHASED		1967
<input type="checkbox"/> C. PERMIT		C. PERIOD OF RENEWAL OPTION (Years)		<input type="checkbox"/> BY TRANSFER		12. CONSTRUCTION <input type="checkbox"/> P <input type="checkbox"/> S <input checked="" type="checkbox"/> T
<input checked="" type="checkbox"/> D. AGREEMENT		D. ANNUAL RENTAL RATE \$		<input checked="" type="checkbox"/> OTHER CONSTR.		13. ESTIMATED LIFE
				SEPT. 1964		5 YEARS
16. INITIAL BUILDING COST				14. TOTAL GROSS FLOOR AREA (Sq. Ft.)		
\$A 1 042				300		
17. HEATING SYSTEM				15. CUBIC FEET (Vol.)		
A. SOURCE				20. UTILITY CONNECTIONS		
B. TYPE FUEL				TYPE		
				NUMBER		
				SIZE		
				CAPACITY		
18. AIR CONDITIONING				A. WATER		
A. TYPE				B. SEWER		
B. CAPACITY				C. ELECTRIC		
				1		
				240 V		
				10 A		
				D. GAS		
				E. STEAM		
				F. OTHER		
19. FIRE PROTECTION FACILITIES						
A. NO. OF UNITS		B. TYPE				
1		HAND UNIT +				
		AUTO FIRE ALARM				
21. BUILDING MATERIALS				22. BUILDING DIMENSIONS		
A. FOUNDATION		B. FLOOR		A. MAIN BLDG. (Length x width)		B. BASEMENT (Length x width)
REINF. CONG.		REINF. CONG.		25' x 12'		
C. WALLS		D. ROOF		C. WINGS (No., length x width)		
GALV. IRON		GALV. IRON				
23. BUILDING CAPACITY				24. CONTRACT DATA		
A. FLOOR NO.		B. SQUARE FEET		A. NAME & ADDRESS OF CONTRACTOR		
1		300		DEPARTMENT OF WORKS		
C. FLOOR LOAD		200 lb/sq. ft		B. DATE CONSTRUCTION BEGAN		C. DATE CONSTRUCTION COMPLETED
						SEPTEMBER 1964
				25. REFERENCE DOCUMENTS		
				A. PROJECT NO.		B. JOB ORDER NO.
						C. INVOICE NO.
				D. DRAWING NO.		E. CONTRACT NO.
				TID-AB-23		NAS 5-3316
26. TRANSACTIONS COMPLETED - ADDITIONS - DELETIONS						
A. DATE		B. VOUCHER NO.		C. DESCRIPTION/ CONTRACT/PROJECT NO.		D. VALUE
						(1) DECREASE (2) INCREASE
SEPT. 1964		1967-001		ORIGINAL CONSTRUCTION.		E. ACCUMULATIVE TOTAL COST
						F. ACCUMULATIVE TOTAL SQ. FT.
						\$1 042
						300

Jet Propulsion Lab

COLLIMATION TOWER

Update

Voucher

Inventory

In/Out Grant

Property No ST4	Property Name COLLIMATION TOWER	Structure Other Structures & Facilities	Construction Semi-Permanent	
Installation Name JPL JPL/Australia - Canberra Deep Space Communications Compl			Site Location Code 55CDSCC	
City or Town			City/Town Code	
County/Country			County/Country Code	
State/Continent			State/Continent Code	
Card Date Jul-01-1974	Ledger Account 1531 Other Structures & Facilities			
NASA Classification 141-30 Communications (Tracking Stations)		GSA Usage Code 72 Communications Systems		
NASA Interest OWNED		Status Active		
Utilization Level				
Book Cost As Of 2002 \$2,500		Original Capacity 1 Each	Original Size 0 SF	
CRV As Of 2002 \$14,630		Current Capacity 1 Each	Current Size 0 SF	
Transaction Activity(ies):				
Voucher #	Date	Cost (+/-)	Capacity (+/-)	Description
1964-001	Dec 31, 1964	2,500	1 Each	ST4/COLLIMATION TOWER
Equivalent to NASA Forms 844, 845, 846 & 847				

Main



REAL PROPERTY RECORD - OTHER STRUCTURES & FACILITIES

1. DATE OF CARD 1 JULY 1974		2. NAME OF STRUCTURE OR FACILITY COLLIMATION TOWER			
2A. STRUCTURE OR FACILITY NO. ST 4		3. GSA USAGE CODE 72		3A. NASA FACILITY CLASSIFICATION CODE 141-30	
4. NAME OF INSTALLATION (or contractor) TIDBINBILLA DSCC				4A. SITE LOCATION CODE 91	
5. CITY OR TOWN CANBERRA				5A. CITY OR TOWN CODE 2000	
6. COUNTY OR COUNTRY AUSTRALIA				6A. COUNTY OR COUNTRY CODE 160	
7. STATE OR CONTINENT AUSTRALASIA				7A. STATE OR CONTINENT CODE 96	
8. NASA INTEREST		9. LEASE TERMS		10. ACQUISITION	
<input checked="" type="checkbox"/> A. OWNED		A. EFFECTIVE DATE		METHOD DATE	
<input type="checkbox"/> B. LEASED		B. EXPIRATION DATE		<input type="checkbox"/> PURCHASED	
<input type="checkbox"/> C. PERMIT		C. PERIOD OF RENEWAL OPTION (Years)		<input type="checkbox"/> BY TRANSFER	
<input type="checkbox"/> D. AGREEMENT		D. ANNUAL RENTAL RATE \$		<input checked="" type="checkbox"/> OTHER (Specify) CONSTR.	
				11. YEAR BUILT 1964	
				12. INITIAL COST \$A 2 500 (CONSTR.)	
				13. DIMENSIONS/CAPACITY 100 FT	

14. ADDITIONAL DESCRIPTIVE INFORMATION

15. EXPLANATORY REMARKS

TOWER FOUNDATIONS COMPLETED JUNE 1964.
TOWER ERECTION COMPLETED SEPTEMBER 1964.

16. CONTRACT DATA

A. NAME AND ADDRESS OF CONTRACTOR DEPARTMENT OF WORKS		B. DATE CONSTRUCTION STARTED JULY 1964
		C. DATE CONSTRUCTION COMPLETED SEPTEMBER 1964

17. REFERENCE DOCUMENTS

CONTRACT NO. NAS 5-3316

18. TRANSACTIONS COMPLETED - ADDITIONS - DELETIONS

A. DATE	B. VOUCHER NO.	C. DESCRIPTION/ CONTRACT/PROJECT NO.	D. VALUE		E. ACCUMULATIVE TOTAL	F. UNIT OF MEASURE
			(1) INCREASE	(2) DECREASE		
SEPT. 1964	1964-001	CONSTRUCTION PER ITEM 15.	\$2 500		\$2 500	

REAL PROPERTY RECORD - OTHER STRUCTURES & FACILITIES

1. DATE OF CARD		2. NAME OF STRUCTURE OR FACILITY EPA HAZARDOUS FACILITY CONTAINMENT	
2A. STRUCTURE OR FACILITY NO. G-31		3. GSA USAGE CODE 60	
4. NAME OF INSTALLATION (or contractor) JPL/GOLDSTONE ECHO SITE		3A. NASA FACILITY CLASSIFICATION CODE 141-90 140-90	
5. CITY OR TOWN FORT IRWIN		4A. SITE LOCATION CODE 12 12	
6. COUNTY OR COUNTRY SAN BERNARDINO		5A. CITY OR TOWN CODE 1328 1328	
7. STATE OR CONTINENT CA		6A. COUNTY OR COUNTRY CODE 071	
		7A. STATE OR CONTINENT CODE 06	

8. NASA INTEREST		9. LEASE TERMS		10. ACQUISITION		11. YEAR BUILT	
<input checked="" type="checkbox"/> A. OWNED		A. EFFECTIVE DATE		METHOD	DATE	1989	
<input type="checkbox"/> B. LEASED		B. EXPIRATION DATE		<input checked="" type="checkbox"/> PURCHASED		12. INITIAL COST	
<input type="checkbox"/> C. PERMIT		C. PERIOD OF RENEWAL OPTION (Years)		<input type="checkbox"/> BY TRANSFER		238,000	
<input type="checkbox"/> D. AGREEMENT		D. ANNUAL RENTAL RATE \$		<input type="checkbox"/> OTHER (Specify)		13. DIMENSIONS/CAPACITY	
						1705 sq ft	

14. ADDITIONAL DESCRIPTIVE INFORMATION
EPA hazardous material, hazardous waste storage.

15. EXPLANATORY REMARKS

16. CONTRACT DATA	
A. NAME AND ADDRESS OF CONTRACTOR	B. DATE CONSTRUCTION STARTED
	C. DATE CONSTRUCTION COMPLETED

17. REFERENCE DOCUMENTS

18. TRANSACTIONS COMPLETED - ADDITIONS - DELETIONS						
A. DATE	B. VOUCHER NO.	C. DESCRIPTION/ CONTRACT/PROJECT NO.	D. VALUE		E. ACCUMULATIVE TOTAL	F. UNIT OF MEASURE
			(1) INCREASE	(2) DECREASE		
6/24/98	98-06	Beginning Balance			238,000.	

[Handwritten Signature]

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