National Aeronautics and Space Administration

Office of Inspector General Office of Investigations



O-GO-16-0061-S

December 4, 2015

RECOVERY OF POSSIBLY HISTORICAL 1969 NASA DATA TAPES

(b)(6), (b)(7)(C) Pittsburgh, PA

CASE INITIATION: This	administrative investig	gation was initiated upon recei	pt of
information from	(b)(6), (b)(7)(C)	NASA-OIG, who advised a	(b)(6), (b)(7)(C) in
Pittsburgh, PA contacted her	regarding a computer	with a plate labeled Goddard	Space Flight
Center (GSFC) NASA Proper	rty and reels of magne	tic data tape (reel tapes), sever	ral labeled
1969, that were found while a	ın acquaintance was cl	leaning the residence of a dece	eased person.
On December 1, 2015, the Re	porting Agent (RA) te	elephonically interviewed)(6), (b)(7)(C)
		puter. (NO. (NOTICE) explained he so	
metals as a hobby and for add	litional income. (b)(6), (b)(7)	stated he was approached b	y (b)(6), (b)(7)(C)
the (b)(6), (b)(7)(C) of (b)(6), (b)(7)(C)	who was aware of (b)(c)	(b)(7)(C) scrapping hobby, stati	ng(b)(6),(b)(7)(C)
		ipment at his residence. Acco	
		ning he wanted from the reside	
the weekend of November 14			
approximately 300 reel tapes	from NASA GSFC, da	ating from 1969 to 1972, along	g with two large
computers bearing NASA GS	FC markings (from IB	M Alleghany Center Pittsburg	gh, PA).
moved the reel tapes			
because they were "very heav			
stated he wanted to do the right			
key to $(b)(6)$, $(b)(7)(C)$ residence as	nd would accompany (OIG investigators to inspect the	e computers.
This potential recovery of NA	SA historical items un	as coordinated with 66	(b)(7)(C)
	e, NASA Headquarter	and of the state o	
review the reel tapes for histor			OIG in
collecting them from Pittsburg			
	RD AT HIS SEC. TO		

Prepared by: (b)(6), (b)(7)(C) GSFC DISTR: File

APPR:

CLASSIFICATION:

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Decontrolled by the Designated Official
Assistant Inspector General for
Investigations
OIG FOIA Officer - Investigations
NASA Office of Inspector General
November 20, 2019

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Office of Inspector General Office of Investigations



O-GO-16-0061-S

December 9, 2015

RECOVERY OF POSSIBLY HISTORICAL 1969 NASA DATA TAPES (b)(6), (b)(7)(C)

Pittsburgh, PA

Reporting Agent and (b)(c)(c)(c) PA, regarding a cor NASA Property and reels of m while cleaning the residence of Pittsburgh, PA	HISTORICAL NASA DATA TAPES: On December 7, 2015 the (b)(6), (b)(7)(C) coordinated with
was approached by (b)(6), (b)(7)(C) passed	cious metals as a hobby and for additional income. Of $(b/6), (b/7)(C)$ who was aware of $(b/6), (b/7)(C)$ scrapping four years ago and had a lot of electronic equipment at his residence. told him he could have anything he wanted from $(b/6), (b/7)(C)$
with NASA markings that he re located at (0/6), (0/7) "Please tell NASA these items v PA 15212. During the 1968-19	were not stolen. They belonged to IBM Alleghany Center Pittsburgh, 72 timeframe, IBM was getting rid of the items so (10/07/10) asked if d he could have them." (10/07/10) reiterated that he wanted to do the
computer with a plate labeled G 33). The NASA OIG loaded an 16W, GSFC, where they were tr Services, awaiting a review by Library Services, Facilities Man Attachments:	d (b/6), (b/7)(C) to (b/6), (b/7)(C) residence where photos were taken of a oddard Space Flight Center (GSFC) NASA Property (Attachment 1-d transported the reel tapes from ansferred to the GSFC Knowledge Management and Library (b/6), (b/7)(C) Knowledge Management and agement Division, Management Operations Directorate.
Prepared by: (b)(6), (b)(7)(C) DISTR: File	GSFC APPR:
W-1742 C-1744 C-174	
CLASSIFICATION:	WARNING
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National Aeronautics and Space Administration

Office of Inspector General Office of Investigations



O-GO-16-0061-S

February 1, 2016

RECOVERY	OF	POS	SIBLY	HIST	ORICAL	1969	NASA	DATA	TAPES
(b)(c) (b)(c)	((3)								

(b)(6), (b)(7)(C)
Pittsburgh, PA

COORDINATION WITH	(b)(6), (b)(7)(C)	: On January	29, 2016, the
Reporting Agent (RA) coordinated	with (b)(6)	i), (b)(7)(C)	Knowledge
Management and Library Services,	Facilities Manageme	ent Division (FMD),	Management
Operations Directorate (MOD), reg	arding the status of t	he computers with a	plates labeled
Goddard Space Flight Center (GSF	C) NASA Property to	hat were found by	(b)(6), (b)(7)(C)
(b)(6), (b)(7)(C), PA, while cleaning the	residence of a deceas	sed person. On Janua	ary 28, 2016, bid 10070
called the RA and asked if NASA v	vanted the computers	s returned, because th	e family of the
deceased person wanted them remo	ved from the residen	ice.	AND

On February 1, 2016, (b)(6),(b)(7)(C) stated, "No. We do not need the computers. If we do decide that the content warrants us getting the data off of them, they will have to be sent to a vendor who specializes in magnetic media preservation for transfer. We have no use for those computers" (Attachment). On this date, the RA sent a text message to informing him NASA did not want the computers.

Attachment:

(b)(6), (b)(7)(C) email, Subject: RE: Tapes et al, dated February 1, 2016.

Prepared by: (b)(6), (b)(7)(C) GSFC DISTR: File

APPR:

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(b)(6), (b)(7)(C)

From:

(b)(6), (b)(7)(C)

Sent:

Monday, February 01, 2016 7:52 AM

To:

(b)(6), (b)(7)(C) (HQ-WIM51)

Subject

RE: Tapes et al



No. We do not need the computers. If we do decide that the content warrants us getting the data off of them, they will have to be sent to a vendor who specializes in magnetic media preservation for transfer. We have no use for those computers.

Thanks!



From: (b)(6), (b)(7)(C) (HQ-WIM51)

Sent: Friday, January 29, 2016 4:14 PM

To

(b)(6), (b)(7)(C)

Subject: Re: Tapes et al

Hi (9)(9) (9)(7)(9

I received a call from the person that I got the tapes from and he asked if NASA wanted the machines (tape readers) that are still at the house. The family wants the machines removed. I just wanted to check one more time with you to ensure NASA doesn't want the machines



Sent from my iPhone

On Jan 6, 2016, at 4:04 PM,

(b)(6), (b)(7)(C)

nasa.gov> wrote:



I have been contacting various people who have put me in touch with more people for the last few weeks. Now I have a meeting with (b)(6), (b)(7)(C) from ESDIS on Monday morning to meet and discuss the history of magnetic tape recis here at Goddard. Hopefully, this meeting will put me on the right path to identifying these reels. I'm not sure about the machines....but, I may have an opinion on it after next Monday.

Stay tuned and Happy New Year to you, too!

Best,

From: (b)(6), (b)(7)(C)

Sent: Wednesday, January 06, 2016 10:36 AM

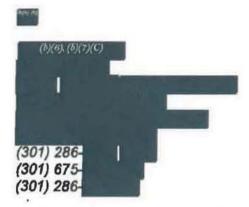
(b)(6), (b)(7)(C)

Subject: RE: Tapes et al

Hi free Accord

Hi

Happy New Year! Just wanted to check in with you to see how the tape research was going? Do you think you may need the machines that were in the pictures?



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From: (b)(c), (b)(7)(C)

Sent: Wednesday, December 16, 2015 9:58 AM

To: (b)(c), (b)(7)(C)

Subject: RE: Tapes et al

Hi (b)(c), (b)(7)(C)

I did get the CD.

Thanks!

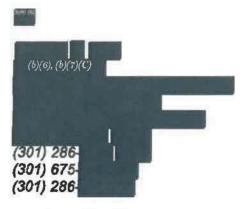
From: (b)(c), (b)(7)(C)

Sent: Tuesday, December 15, 2015 4:14 PM

To: (b)(c), (b)(7)(C)

Subject: Tapes et al

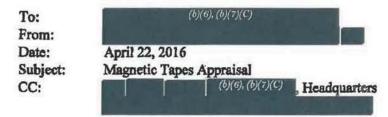
How's the historical hunt going? Just wanted to make sure you go the CD with the pictures I put on your desk last week.



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Appraisal Memo



The Goddard Archives received physical custody of 325 magnetic data tape reels on Tuesday December 8th, 2015. The tapes had been recovered from a residential basement in Pittsburgh, Pennsylvania the day before by the NASA Office of the Inspector General (OIG) and transported to the Goddard Archives for identification and a determination of their historical significance and intrinsic value. The OIG made the decision to bring the tapes to the Goddard Space Flight Center based on printed evidence on a few of the tapes and a Goddard contract number on the computers that were found in the basement alongside the tapes that pointed towards Goddard as the appropriate custodian for such recovered property. The computers were not removed from the residence due to their size and weight.

I conducted an initial assessment of the material on December 10, 2015. This assessment confirmed the approximate number of 325 magnetic data tape reels that each measured 14" in diameter with a magnetic tape dimension of ½" and contained by a metal reel. The assessment also showed that the magnetic tapes were in poor condition and almost all were affected by moderate to severe mold, which is identified as a potential health risk. Most of the tapes were not labeled and of the tapes that were labeled, the content appeared to be space science related with missions including Pioneer and Helios and the inclusive dates range was 1967-1974. A final assessment of the tapes on April 13, 2016 further broke down of the content of the tapes into the following:

PN8 [Pioneer 8]: 1 reel
PN9 [Pioneer 9]: 2 reel
PN10 [Pioneer 10]: 40 reels
PN11 [Pioneer 11]: 53 reels
HEL1 [or] HEL-A [Helios 1]: 10 reels
HESA [possibly an abbreviation for Helios A]: 2 reels
Intelsat IV: 2 reels

Unlabeled or labeled without mission-related identifying information: approximately 215 reels

I contacted (b)(b)(7)(C) NASA Space Science Data Coordinated Archives (NSSDC) and (b)(b), (b)(7)(C) Earth Science Data and Information Systems Project (ESDIS), both of whom have experience with early magnetic data tape reels. (b)(b), (b)(7)(C) and



Appraisal Memo

(b)(c),(b)(7)(C) consulted with scientists in their fields at Goddard and the Jet Propulsion Lab (JPL) and came to the determination that these tapes do not contain historically significant information that needs to be preserved and concurred with the disposal decision.

In terms of the unlabeled or poorly labeled tapes that make up the majority of this material, it is very difficult to know whether there is any data on these tapes. (**O(***)(**O(**)(**C)**) points out that often labels were removed from tapes when the tapes were "scratched" or prepared to be re-used². It is very possible that the unlabeled tapes are blank. In order to read any of the content of any of these tapes, a recovery process would have to be employed. This process is very costly and does not ensure that the tapes will survive the process in order to find out if they even contain readable data. Furthermore, the damage caused by the mold would make it difficult and probably impossible to recover any data from these tapes.

I also reached out to (b/6), (b/7)(C) Procurement Operations Division, and (b/6), (b/7)(C).

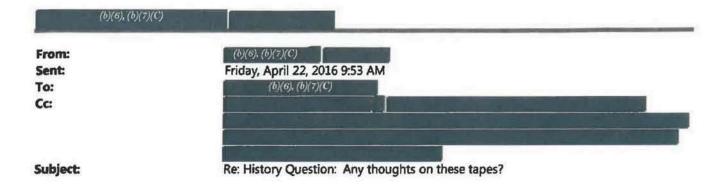
Property Management, to determine whether the contract numbers found on the computer and on some of the tapes gave any clues to the creation of this material or the content on the blank tapes. Both (b/6), (b/7)(C) and (b/6), (b/7)(C) reached out to colleagues who checked legacy contract systems and determined that there were no contract numbers that matched the ones found in this investigation³.

Based on the decision reached by the Goddard science experts and myself that there is no evidence that suggests this material is historically significant and the lack of contextual contract-related information about to the creation or the content of this material, coupled with the poor condition and the potential health risk posed by this material, I recommend disposal through the immediate destruction of all magnetic tapes.

² See Magtape_Att_2.pdf for explanation from (100,000) about tape "scratching".

See Magtape Att 1.pdf for email correspondence and final decisions related to disposal thread.

¹ See Magtape Att 3.pdf and Magtape Att 4.pdf for email correspondence related to contract numbers.



I agree. As we discussed before, I don't see any way we will get anything useful off these tapes.

NEW ONE ACT

On Apr 22, 2016, at 9:01 AM,

(b)(6), (b)(7)(C)

@nasa.gov> wrote:

Yes. I agree.



Subject: RE: History Question: Any thoughts on these tapes?

Hello All,

I have not heard from any of you regarding the need to keep the mission-labeled tapes. I will take your silence as a concurrence with my recommendation for disposal.

Please respond by COB today if you object to this course of action.

Best,

(b)(6), (b)(7)(C)

NASA Goddard Space Flight Center
8800 Greenbelt Road

Greenbelt, MD Office 301.286



From:	(b)(6).	(b)(7)(C)				
Sent: T	hursday, April 14, 2	016 10:36 AM				
To: (b)(6), (b)(7)(C)		@nasa.gov>;	(6)(6), (6)(7)(C)		
	(b)(6), (b)(7)(C)	@jpl.nasa.gov>;	(b)(6), (b)(7)(C)	@nasa.gov>;	
(b)(6), (b)(7)(C)			@ipl.nasa.gov>;	(b)(6), (b)(7)(C)		
	(b)(6), (b)(7)(C)	@ipl.nasa.go)V>			

Subject: RE: History Question: Any thoughts on these tapes?

Hello All,

Thanks so much for the effort that you have all put into this inquiry. I went through every single tape yesterday and have determined the following:

- 1. There are approximately 215 tapes that I have determined can most definitely be disposed of. These tapes are primarily without labels and a few have labels with no identifying mission information on them.
- 2. Here is the quantity by mission breakdown for the rest:
 - a. PN8 (Pioneer 8): 1
 - b. PN9 (Pioneer 9): 2
 - c. PN10 (Pioneer 10): 40
 - d. PN11 (Pioneer11): 53
 - e. HEL1 also used HEL-A (Helios 1): 10
 - f. HESA (possibly an abbreviation for Helios A): 2
 - g. Intelsat IV: 2

As said, these are in awful condition. Almost every tape has moderate to severe mold. I used gloves and a mask and I wouldn't recommend keeping any of these being as they are a risk to health and there is no safe place to keep them. Furthermore, recovery of any data would probably be difficult, if not impossible.

So the question would be whether there is an interest or need to keep the tapes relating to the Pioneer missions, being as they are the bulk of the labeled material. If there is a need or desire to recover Pioneer-related tapes, then these tapes will have to be transferred to the interested party and that person or group will assume the risk and cost for these moldy tapes.

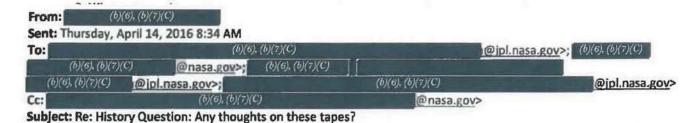
As archivist to the Goddard Space Flight Center, I recommend disposal of this material. Please let me know if any of you disagree or have an interest in the mission labeled tapes.

Best Regards,









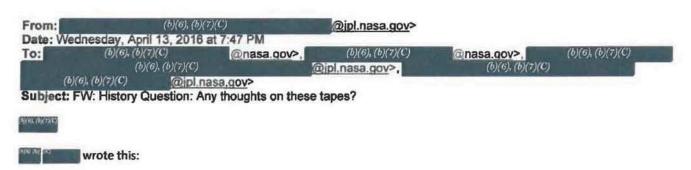
Thanks for trying! We thought we would make one last push to see if anyone knew anything about these tapes.

We did think the one was from Pioneer-11 but the date looks odd since the tape is clearly marked 1972 and Pioneer 11 launched in 1973. Do you know why there would be that discrepancy?

The stack do appear to be instrumentation analog tapes. But they are also very moldy, so probably unrecoverable.

On Monday John went to the Godard Engineering Colloquium where discussed the heroic effort that JPL scientists and engineers made to recover data from this mission (PN-11) to discover what was slowing down the spacecraft faster than expected over its +10 yr travel time. I think the books are closed on that — although he suggested the way to get funding for this kind of recover is propose some new physics, scientific mystery or quandary that the data could discover.

We will recommend to (our new (b/6), (b/7)(C) that she should proceed with her disposal plan.



I don't have any ideas about whether the tapes are excessed scratch tapes or something historically useful.

One of them was from Pioneer 11.

Are they computer tapes, or instrumentation tapes? The hub diameter would tell you.

For computer tapes, the hub is typically 3 5/8". For instrumentation tapes, it's typically smaller.

Being 14" diameter reels also suggests they're instrumentation tapes. A 2400' computer tape reel is about 10 1/2" diameter.

(6)(6), (6)(7)(C)				
(818) 354 (818) 687	b)(6), (b)(7)(C)				
On 4/13/1	L6, 5:46 AM,	(b)(6), (b)(7)(C)	@nas	a.gov> wrote:	
scientists spacecraf	et funding for this kind of	roic effort to reco er its +10 yr trave	over data from this r I time. I think the b e some new physics,	nission to discover whooks are closed on the	
From:	(b)(6), (b)(7)(C)	@nasa.gov>		
Date: We	dnesday, April 13, 2016	at 8:21 AM			
To:		(b)(6), (b)(7)(C)	THE RESERVE	n@jpl.r	nasa.gov>, (b)(6), (b)(7)(C)
Tribal	(b)(6), (b)(7)(C)	THE RESERVE	@ipl.nasa.gov>	(b)(6), (b)(7)(C)	@jpl.nasa.gov>,
		(b)(6), (b)(7)(C)		@ip	l.nasa.gov>, (b)(6).(b)(7)(C)
	(4)(6),	(b)(7)(C)		@jpl.nasa.gov>,	(b)(6), (b)(7)(C)
	(b)(6), (b)(7)(C)	@jpl.nasa.gov	P		
Cc: '	(b)(6), (b)(7)(C)	@1	nasa.gov>		
Subject: F	Re: History Question: Any	thoughts on the	ese tapes?		

Last ditch effort to figure out what they are — we will have to dispose of them, there are 325 tapes.

From: " (b)(6), (b)(7)(C) @ipl.nasa.gov> Date: Tuesday, April 12, 2016 at 5:34 PM (b)(6), (b)(7)(C) @nasa.gov>, ' (b)(6), (b)(7)(C) (b)(6), (b)(7)(C) @ipl.nasa.gov>, (b)(6), (b)(7)(C) @ipl.nasa.gov> (b)(6), (b)(7)(C) @ipl.nasa.gov>, (b)(6), (b)(7)(C) (b) @ipl.nasa.gov>. (b)(6), (b)(7)(C) (b)(6), (b)(7)(C) @jpl.nasa.gov> Cc: (b)(6), (b)(7)(C) @nasa.gov> Subject: Re: History Question: Any thoughts on these tapes?

All,

PO.DAAC has never had a tape drive that would read these tapes, and I expect that very few are now in existence (although perhaps you could transfer the tape to a 12 inch reel, and have a better shot at finding something that could read it).

The second image indicates that these are 7-track tapes, and might even be analog instrument data, not digital.

The fourth image is just a label from the tape manufacturer (now known as 3M), and it doesn't have any info about the data on it.

Best Regards,

NOW ANY

(b)(6), (b)(7)(C) @nasa.gov> Date: Tuesday, April 12, 2016 at 1:12 PM To: ' (b)(6), (b)(7)(C) (b)(6), (b)(7)(C) @ipl.nasa.gov>, (b)(6), (b)(7)(C) (b)(6), (b)(7)(C) @ipl.nasa.gov>, @jpl.nasa.gov>, (b)(6), (b)(7)(C) @ipl.nasa.gov>, (b)(6), (b)(7)(C) (b)(6), (b)(7)(C) (b)(6), (b)(7)(C) @jpl.nasa.gov>, @ipl.nasa.gov> (b)(6), (b)(7)(C) @nasa.gov> Subject: History Question: Any thoughts on these tapes?

Hi,

These tapes were recovered by the NASA HQ IG from a basement in Pittsburgh PA. Apparently, they were part of a large collection of NASA items kept by a contractor who hoarded stuff for 40 years+. There are approximately 325 tape reels that were recovered. They are very moldy and many of them have no identifying markings or labels. The reels are 14" in diameter and the magnetic tape is 1/2" in width. The date range, from what I can tell is 1967-1974.

As you can see from this picture, several are identified as JPL tapes. I think that they may have been part of an exchange of data from 1972 between GSFC and JPL. Maybe someone at JPL remembers how tapes were marked. I suspect that these were 'scratch' tapes and not required any more and were excessed.

Any thoughts on this? Thanks,

PANT WASHE

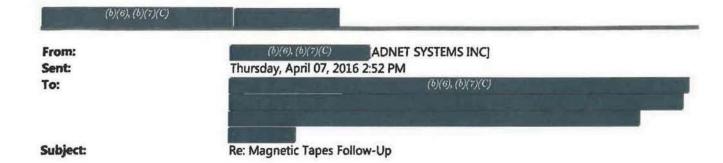
(b)(6), (b)(7)(C)

NASA/GSFC Work: 301-614-Cell: 240-204

(b)(6), (b)(7)(C)

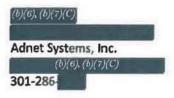
Goddard Space Flight Center Greenbelt, MD 20771 (301) 286

@nasa.gov



It was standard practice to remove the tape label if the tape was to be "scratched", i.e., if it was to be put into the stack of tapes available for reuse. I would think that any tape without a label is in this category.

I assume that "Hel 1" is a label for the Helios 1 mission.



On TueApr/5/16 10:50 AM,

(b)(6), (b)(7)(C)

wrote:

Hello Everyone,

I wanted to check in and follow-up on the status of the magnetic tapes that the Inspector General found in a basement in Pittsburgh in December. As previously discussed, many of these 325 tapes are not labeled and most are in very poor condition. The ones that are labeled, do not necessarily provide enough information to know whether these are historically significant or not. I need to complete my appraisal for the IG in the next couple weeks so that the IG can wrap up their case file. If we cannot determine what these tapes are, perhaps we can determine what they are not (e.g. Apollo tapes, etc.).

Here is what we know:

- There have been no leads using the contract numbers that are on some of the tapes and on the computer that was found in the basement alongside the tapes.
- 2. There are JPL numbers that are on the inner ring of the tape reel on several of the tapes (even tapes that do not have any other identifying information), suggesting that these are not Goddard created tapes? And further the idea that these tapes are a random collection?
- Some of the content that can be found on the reels includes the following missions (PN 11, Hel 1, and ITOSD Launch).
- Upon sampling about 2/3 of the tapes, I was unable to find any labels that indicated Apollo
 content or other content of intrinsic value.

mentioned believing that these tapes are a random collection. I agree with him. I am willing to go through every tape to make sure that there are no significant content labels or indicators but I obviously cannot identify the content that is on the majority of the tapes which have blank labels. It is my inclination that if the content on these tapes were historically significant, than there would at least be a label indicating the mission. Do you agree with this assessment (assumption)?

The only other way to discover the content on the tapes would be a costly preservation and transfer effort, which we do not have the resources for and may only serve to prove what we already suspect, that no historically significant content is on the tapes.

In terms of the tapes that are labeled with some of the above mentioned missions. I would ask if you know whether we are missing any data or have any gaps in data related to these missions. If there are significant gaps that we know of, we may have a different approach to these labeled tapes. I don't think that this will be the case, but I am relying on your expertise to make that call.

I should add that I keep using "Apollo" as an example of what we would deem historically significant only because of the Apollo tape loss issue a few years ago. These tapes were never suspected of containing Apollo data but could possibly be from around the same time period as some of the labeled tapes are dated 1967-1974.

Please reply all and let me know what you think. I appreciate your help and insight.

Best Regards,



(b)(6), (b)(7)(C)

Knowledge Resources and Library Services Branch

(b)(6), (b)(7)(C)

NASA Goddard Space Flight Center 8800 Greenbelt Road Greenbelt, MD

Office 301.286.

Mobile 240.357 (b)(6), (b)(7)(C)

@nasa.gov

(b)(6), (b)(7)(C)

From: Sent: (b)(6), (b)(7)(C)

Friday, March 11, 2016 3:43 PM

To:

(b)(6), (b)(7)(C)

Subject

RE: Looking up an old contract

Hi AM ARY

(b)(c), (b)(7)(C) is who I went to as well. She didn't get back to me, perhaps b/c she made the connection with your message. I don't have any other ideas, but I'll ask my boss if he has any thoughts before capitulating.

Happy weekend,



(b)(6), (b)(7)(C)

Goddard Space Flight Center

Tel: 301-286-Cell: 301-356-

Tell us how we're doing a reedback. We appreciate the opportunity to improve our customer service and your satisfaction.

From:

(b)(6), (b)(7)(C)

Sent: Tuesday, March 08, 2016 9:38 AM

To: (b)(6), (b)(7)(C)

Subject: RE: Looking up an old contract

Hi Mariano

I just wanted to follow up with you and ask if you had any luck looking into those two legacy contract numbers that we discussed the beginning of this year. I tried to look into it on the property/contract end of things as you suggested. They checked their legacy systems and one of the numbers did not match the format while the other number was the contract number for an HVAC system (?!). I am forwarding you the message for your reading pleasure.

Please let me know what you think.

Best Regards,



(b)(6), (b)(7)(C)

NASA Goddard Space Flight Center

8800 Greenbelt Road Greenbelt, MD

Office 301.286

From: (b)(6), (b)(7)(C)

Sent: Tuesday, January 12, 2016 4:59 PM

To: (b)(6), (b)(7)(C)

Cc: (b)(6), (b)(7)(C)

Subject: RE: Looking up an old contract

Interesting. I would be happy to meet, and I'm sure would be, too. He is still around, odd that he didn't come up in the directory. His alias is michael.e.mcgrath.

Holly, I'm in Building Room typically in my office. Or, we can set up a time.

NON THEFTIE

Corklard Space Middle Contain

Goddard Space Flight Center

Tel: 301-286 Cell: 301-356

Tell us how we're doing at blook (blook). Feedback. We appreciate the opportunity to improve our customer service and your satisfaction.

From: (b)(6), (b)(7)(C)

Sent: Tuesday, January 12, 2016 4:16 PM

To: (b)(6), (b)(7)(C)

Cc: (b)(6), (b)(7)(C)

Subject: Re: Looking up an old contract

No.

It would be great if could stop by to talk to you and (b)(6), (b)(7)(C) one day (she is working her way through all of GSFC to figure out what should be in a GSFC archive).

Basically, she is trying to track down what mission(s) this hardware (and tapes) supported and who was responsible for it. It really feels like archaeology to me. She would be interested in the historical acquisition processes that might have led to some of GSFC's biggest discoveries.

If you have time, maybe she could stop by and introduce herself.

Thanks!

PS: I couldn't find (b)(6), (b)(7)(C) in the directory — is he still around?

From: (b)(6), (b)(7)(C) @nasa.gov>

Date: Tuesday, January 12, 2016 at 11:39 AM To: (b/6), (b/7)(C) @nasa.d

2

(b)(6), (b)(7)(C)

I have checked our contract management, and neither of these contract numbers were found. I can ask our systems folks if they have access to other systems that I don't, but I want to make sure I understand your request. This contract itself is likely destroyed by now. What information are you looking for?





Tell us how we're doing at ______ - Feedback. We appreciate the opportunity to improve our customer service and your satisfaction.

From: (b)(6), (b)(7)(C)

Sent: Tuesday, January 12, 2016 9:03 AM

To: (b)(6), (b)(7)(C)

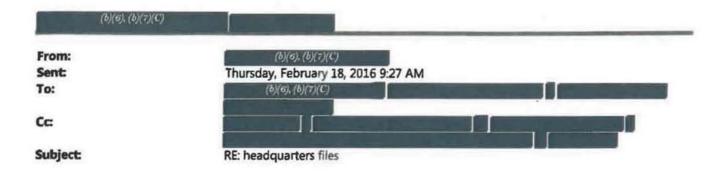
Cc: (6)(6), (b)(7)(C)

Subject: Looking up an old contract

HI FIN INC.

We're wondering if you can help up to find an old contract. (above) is our new (b)(6), (b)(7)(C) working in (b)(6), (b)(7)(C) workin

Thanks,



Hi,

I would like to add that award number NASS-02154, was to replace a HVAC system and I doubt it is related to NASS-2154.

From: (b)(6), (b)(7)(C)

Sent: Thursday, February 18, 2016 9:23 AM

To: (b)(6), (b)(7)(C)

Subject: RE: headquarters files

HI NO ALLE

What is your objective, here? Obtain a copy of the award documents? I found a spreadsheet of awards made prior to 1979 and neither document number is cited (see attached). The regulations have a timeline for record destruction, to which has passed for the award numbers you referenced.

There are some documents located in the National Archives and are stored by the closeout accession number. There is specific criteria for an award to be identified as "permanent" storage for the archives. Without an associated accession number, as well as, valid award numbers, I have no other way of tracing the information to see if by some chance they met the criteria for permanent storage. Otherwise, the awards were destroyed per the record destruction guidance.

Regards,

(b)(6)(b)(7)(C)

NASA/Goddard Space Flight Center

(b)(6)(b)(7)(C)

Office: 301-286-



From: (b)(6), (b)(7)(C)

Sent: Tuesday, February 16, 2016 4:41 PM

To: (b)(6), (b)(7)(C)

Cc: (b)(6), (b)(7)(C)

Subject: RE: headquarters files

Hi (and everyone),

Thanks so much for looking into this for me. I had a couple questions that I wanted to ask regarding your reply. The first is how the Contract Duration for the first contract number is from 2002-2004 when the computer with this contract number inscribed on it is from 1962? Also, I am attaching a photo of the second contract number. Is there any way that there is a different representation of numbers that we could check for a contract that would have been ca. 1971?

Thanks again for all of your work. It really is important to try to figure out the content on these tapes, as it would be expensive and possibly impossible to recover the content directly from the tapes.

Best,

From: (b)(b), (b)(7)(C)

Sent: Tuesday, February 16, 2016 1:18 PM

To: (b)(6), (b)(7)(C)
Ce:

(b)(6), (b)(7)(C)

Subject: FW: headquarters files

Below is what I found for these contracts:

NASS-2154 (This one was on a metal plate on the computer and the year on it was 1962)

Correct format for this contract is NASS-02154, Specialist was (b)(6), (b)(7)(C)
 Contract Duration was 9/23/2002 to 9/30/2004, 255-10-369 Box 11, Destroy Date 12/1/16

NASS-17620-5 (This one is the one on many of the magnetic tape reels)

Can't locate this contract as NASS-17620, not valid

Systems Office Support Team

	(b)(6), (b)(7)(C)	@mail.nasa.gov)
om: (b)(6), (b)(7)(C)		
ent: Tuesday, February 16, 20	16 12:13 PM	
(b)(6), (b)(7)(C) (b)(6), (b)(7)(C)		
bject: FW: headquarters files		
an anyone help? I don't ho	w these are formatted in SAP (i	f they are even in there).
(6), (b)(7) ((C)		
@nasa.gov	•	
1/286- 1/286-		
om: (b)(6), (b)(7)(C)		
nt: Tuesday, February 16, 201		
	(b)(6), (b)(7)(C) (b)(6), (b)(7)(0	
	(7/2/7/	<u> </u>
bject: RE: headquarters files		
anks, and correct	ted!	
The control of the co		ould you possibly look the following
awards and point our NAS	A Goddard (1960, 1967) in the righ	t direction, please!
S5-2154 (This one was on a	metal plate on the computer a	and the year on it was 1962)
	one on many of the magnetic	

(b)(6), (b)(7)(0		
SA Goddard Space Flight (Center	
le 273, Bldg. 26, Rm.		
eenbelt, MD. 20771		
one: (301) 286		
c(301) 286		
(b)(6), (b)(7)(C) @nasa.gov		

From: (b)(6), (b)(7)(C)

Sent: Tuesday, February 16, 2016 11:55 AM

To: (b)(6), (b)(7)(C)

Cc: (b)(6), (b)(7)(C)

Subject: RE: headquarters files

NAS5's are GSFC awards. I deal with Headquarters.

(b)(6), (b)(7)(C) @nasa.gov 301/286 301/286
From: (b)(6), (b)(7)(C) Sent: Tuesday, February 16, 2016 11:53 AM To: (b)(6), (b)(7)(C) Cc: (b)(6), (b)(7)(C) Subject: RE: headquarters files
(b)(6): (b)(7)(C)
may have asked about the awards (perceived Archived) associated with the attached message from NASA Goddard (b)(6), (b)(7)(C)
you should contact the Code 210.H Point of Contact highlighted below! Also copied Procurement Support, Manager who may refer you to someone that can check The GSFC/HQ Procurement Archive records.
• Point of Contacts ○ Closeout Coordinator - (b)(6), (b)(7)(C) ○ 155 - (b)(6), (b)(7)(C) ○ 210 - (b)(6), (b)(7)(C) ○ 210 (b)(6), (b)(7)(C) ○ 210 (b)(6), (b)(7)(C) ○ 210M - (b)(6), (b)(7)(C) ○ 210S - (b)(6), (b)(7)(C) ○ 210S - (b)(6), (b)(7)(C) ○ 210Y - (b)(6), (b)(7)(C) ○ 210H
(b)(6), (b)(7)(C) and (b)(6), (b)(7)(C) , HQ Outside Procurement Orders.
Regards,
(b)(6), (b)(7)(C) NASA Goddard Space Flight Center Code 273, Bldg. 26, Rm. Specific Contents Greenbelt, MD. 20771

Phone: (301) 286 Fax (301) 286

From:

(b)(6), (b)(7)(C)

Sent: Tuesday, February 16, 2016 11:09 AM

(b)(6), (b)(7)(C)

Cc:

(b)(6), (b)(7)(C)

Subject: RE: headquarters files

Hi wa woo

I have not received a call from you and I'm not sure which contract for HQ is is talking about.

(b)(6), (b)(7)(C)

Goddard Space Flight Center Contract Property Management

Code 273

Tel: (301) 286-

Fax: (301) 286



From:

(b)(6), (b)(7)(C)

Sent: Friday, February 12, 2016 9:40 AM

To:

(b)(6), (b)(7)(C)

Cc:

(b)(6), (b)(7)(C)

Subject: FW: headquarters files

I have been calling you and about the 3 hq's files that mentioned, I wanted to touch bases with you and check the files in my office to make sure that I have any records that might help.

From: (b)(6), (b)(7)(C)

Sent: Friday, January 29, 2016 10:45 AM

(b)(6), (b)(7)(C)

Subject: RE: headquarters files

It would be good to sit down and look at options.

From: (b)(6), (b)(7)(C)

Sent: Friday, January 29, 2016 10:30 AM

To: (b)(6), (b)(7)(C)

Subject: RE: headquarters files

Good Morning

I will get with to start working on your request. We will get back to you. Thank you.

(b)(6), (b)(7)(C)

Code 273/Supply and Equipment Management Branch

(b)(6), (b)(7)(C) a nasa.gov

(O) 301-286-

(F) 301-286-

From: (b)(6), (b)(7)(C)

Sent: Friday, January 29, 2016 9:33 AM

To: (b)(6), (b)(7)(C)

Subject: headquarters files

You spoke of several files that you believe may not have been delegated. Would you send over the contract numbers so I can review them also have you and pulled a list of the contracts that will expire in the next year or two that do not show delegations. Would be appreciated.

Thanks

WALLEY LAND

National Aeronautics and Space Administration

Office of Inspector General Office of Investigations



O-GO-16-0061-S

February 18, 2016

RECOVERY OF POSSIBLY HISTORICAL 1969 NASA DATA TAPES

Pittsburgh, PA	
PA contacted her regarding of (Goddard) NASA Property ar	ninistrative investigation was initiated upon receipt of information, NASA-OIG, who advised a (b)(6)(b)(c) in Pittsburgh, omputers with a plate labeled Goddard Space Flight Center and reels of magnetic data tape (reel tapes), several labeled 1969, that ance was cleaning the residence of a deceased person.
the deceased from 1969 to 1972, along with IBM Alleghany Center Pittsbihis own, but left the computer	PA, was authorized to clean the residence of and discovered approximately 300 reel tapes from Goddard, dating a two large computers bearing NASA Goddard markings (from targh, PA) moved the reel tapes from residence to s at residence because they were "very heavy" adding that we them.
were taken of the computers we it was determined that sometime computers, gave them to significance of the reel tapes re reel tapes from his residence to	equested and received permission from to transport the
were not needed by NASA. O	advised the OIG that the computers in the residence in February 1, 2016, the RA informed via text message, and the IBM computers to review the reel tapes,
and historical value of the ree!	the NASA was in process of determining the content tapes. Since no further OIG assistance is required and no re violations were identified, this matter is closed.
CLASSIFICATION:	WARNING
FOR OFFICIAL USE ONLY	This document is the property of the NASA Office of Inspector General and is on

loan to your agency. Contents may not be disclosed to any party under investigation nor may this document be distributed outside the receiving agency without the specific prior authorization of the Assistant Inspector General for Investigations.

Prepared by; SA TOURNISTEE GSFC DISTR: File

APPR:

CLASSIFICATION:

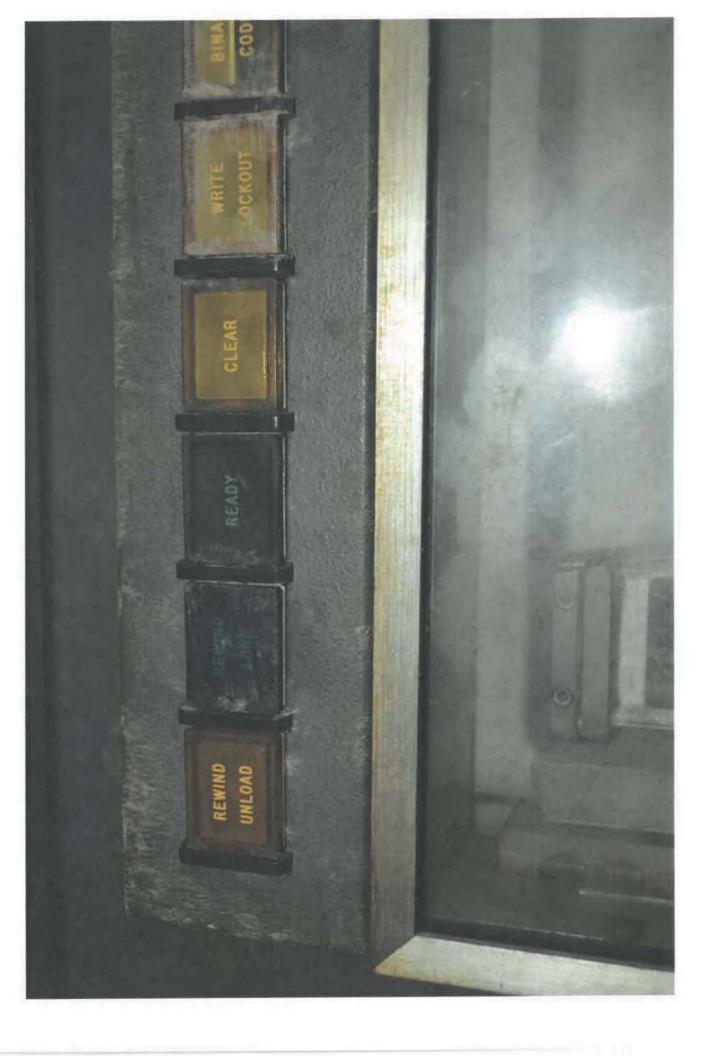
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WARNING



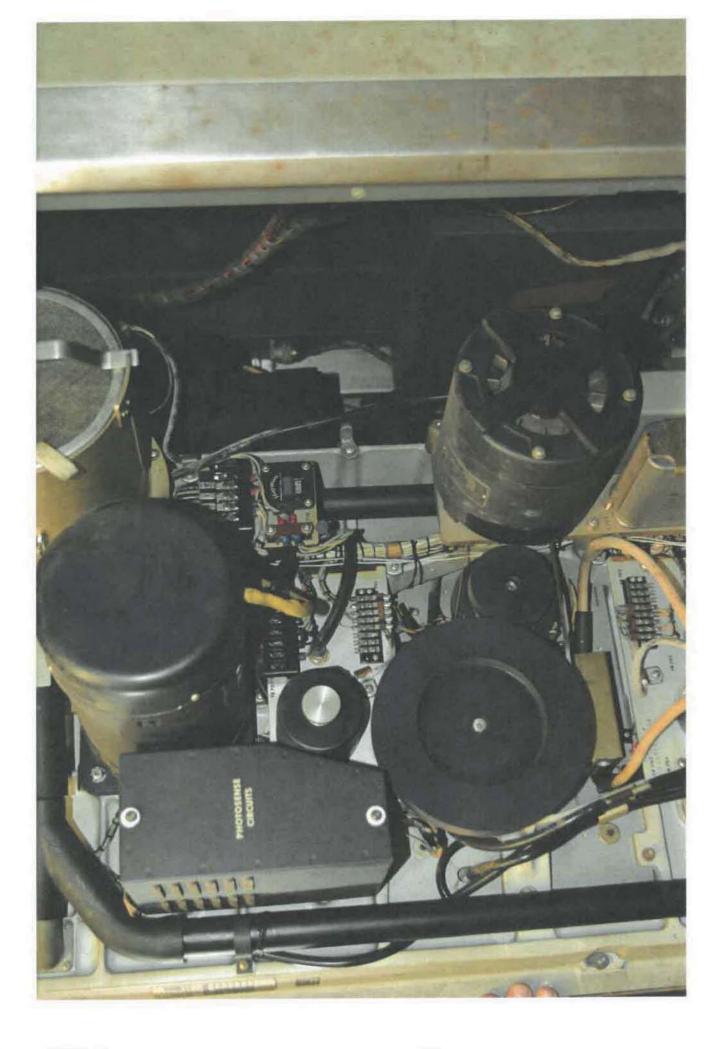


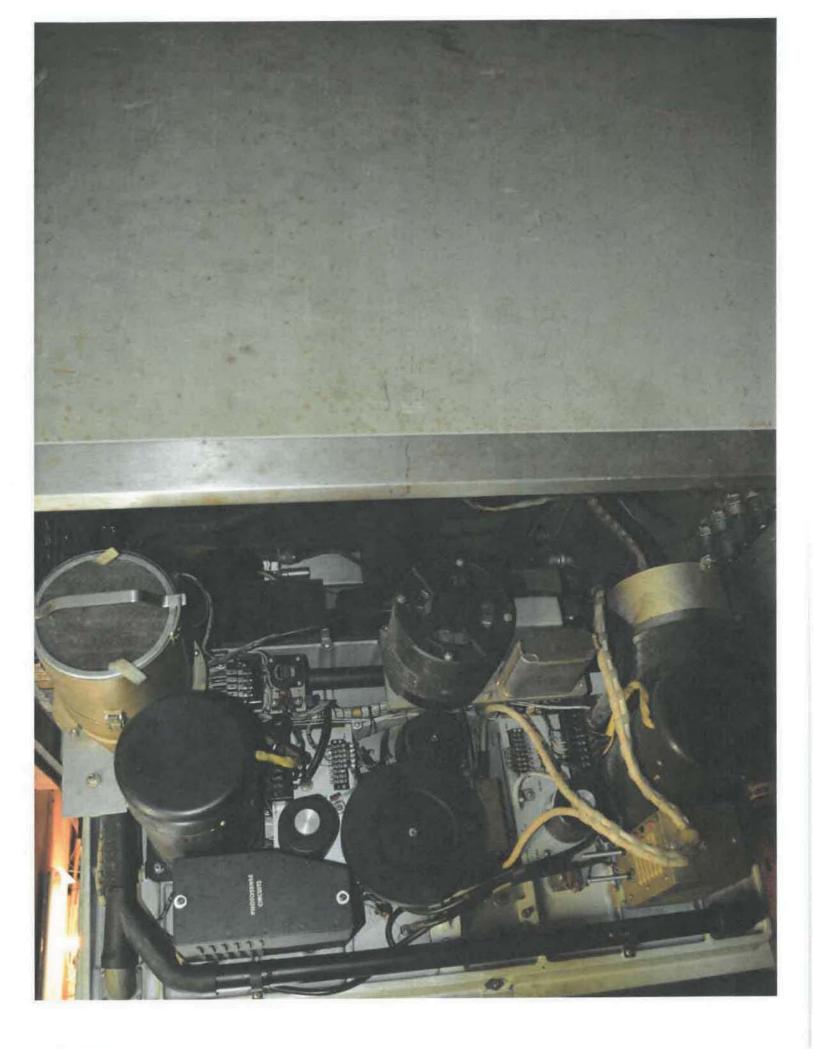


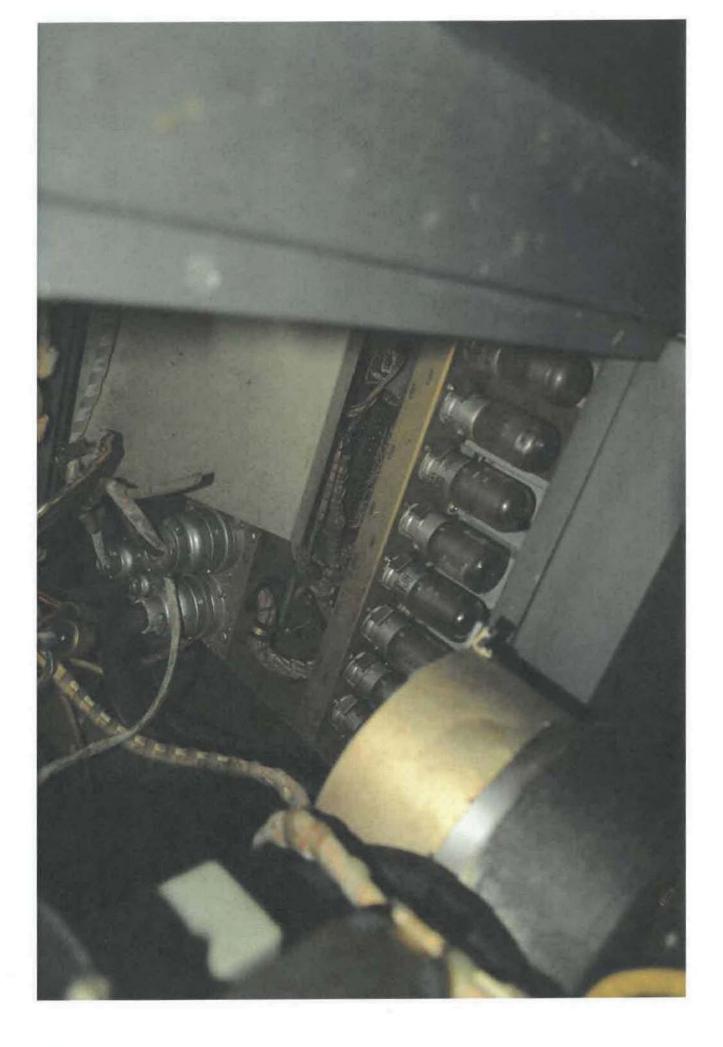


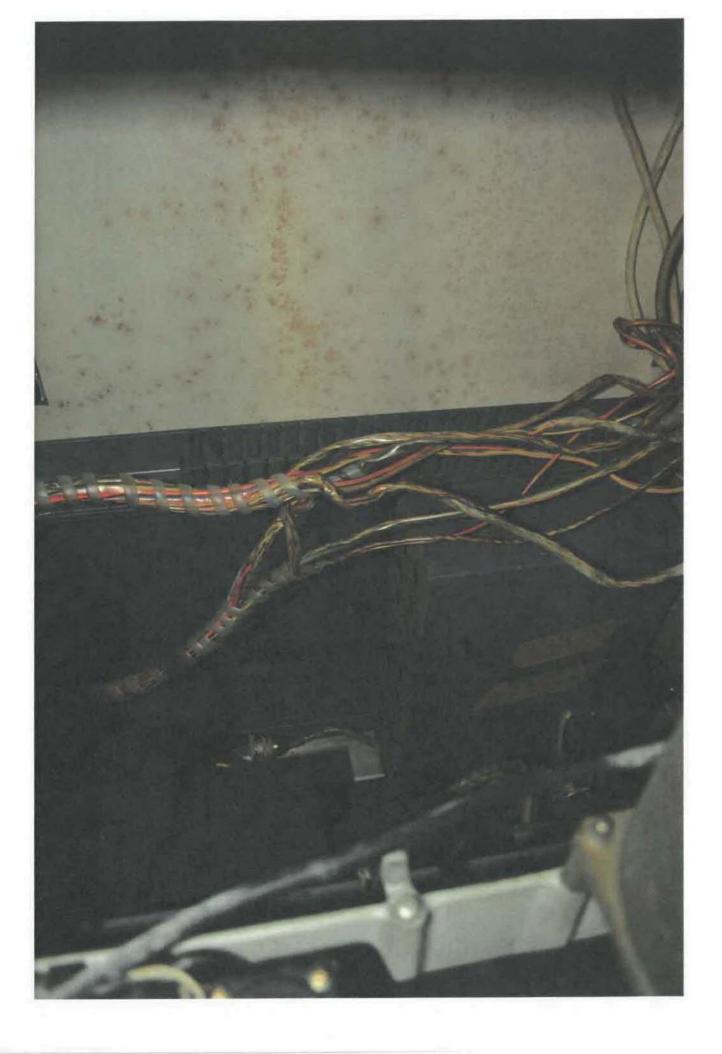
BIAS HI BIAS LO SELECT

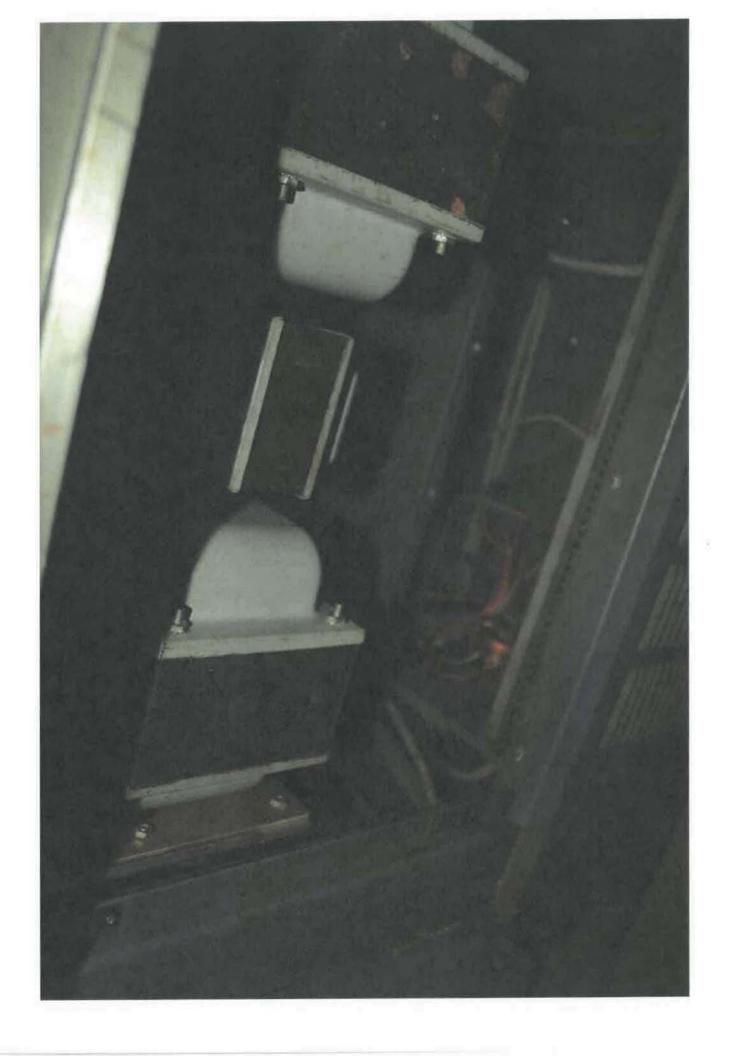
BIAS HI BIAS LO

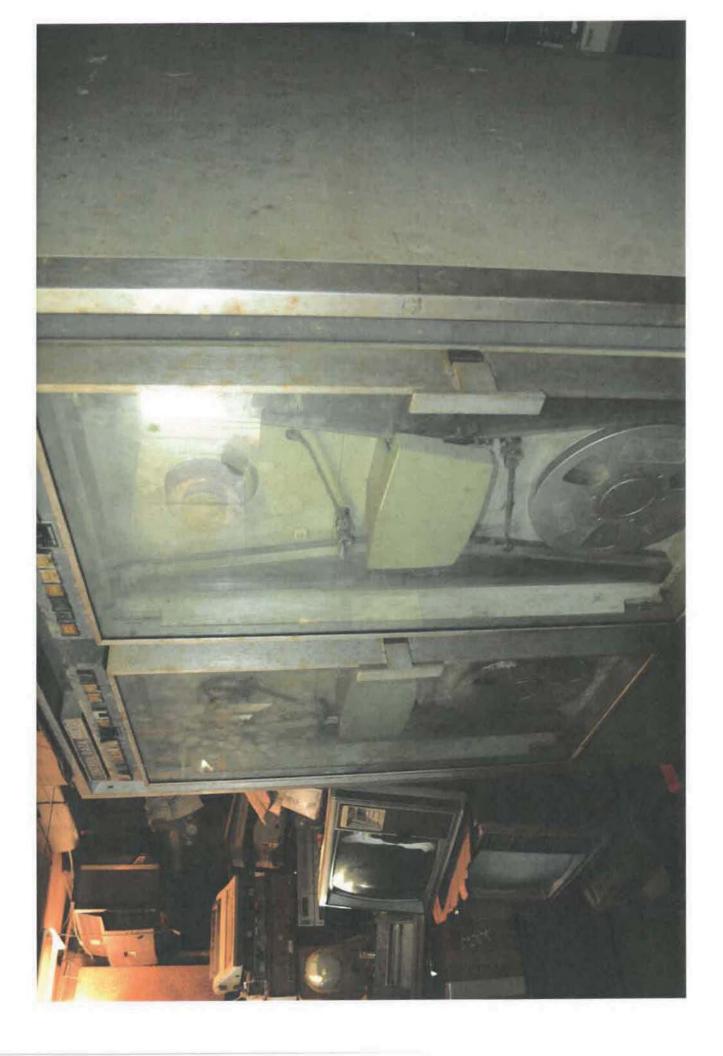




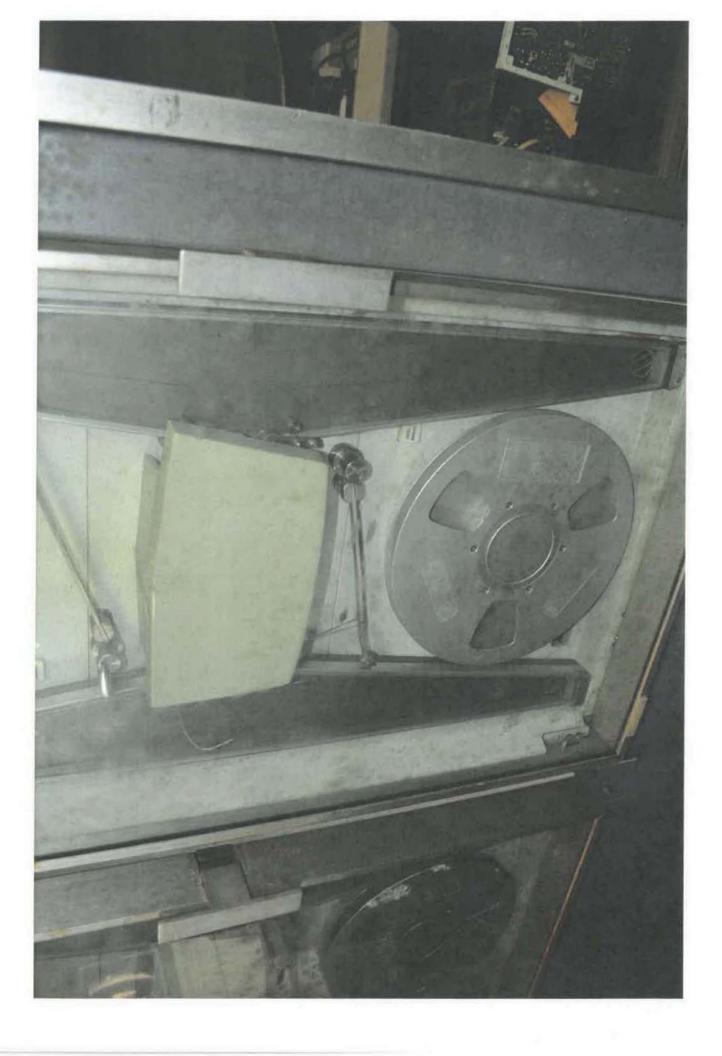












ONTROL DATA

MAGNETIC TAPE SYSTEM

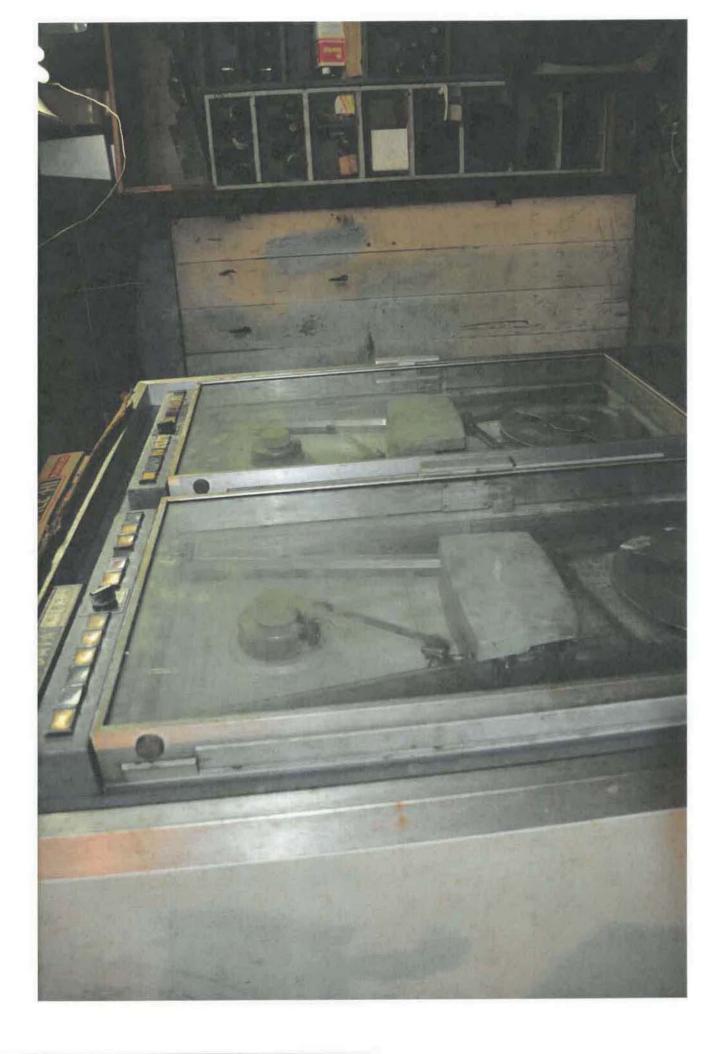
EAST



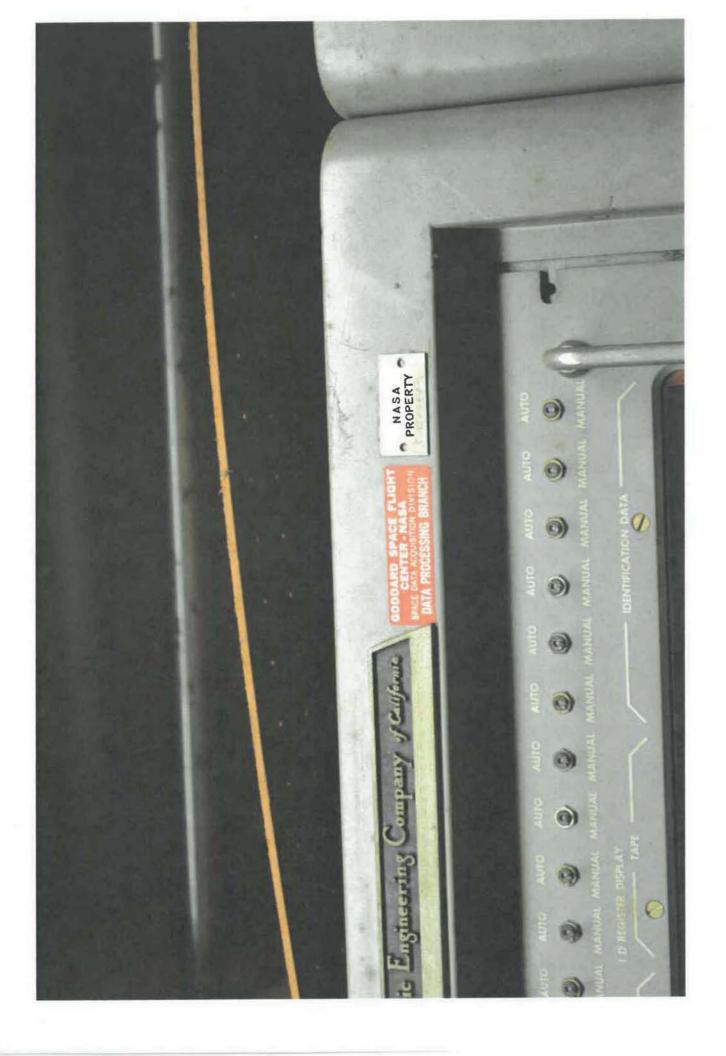
ERNOR

CONTROL DATA MAGNETIAN SYSTEM











GODDARD SPACE FLIGHT CENTER - NASA SPACE DATA ACQUISITION DIVISION

DATA PROCESSING BRANCH

PROPERTY

AUTO

AUTO



AUTO









AUTO

AUTO

CONTRACT NO. NAS5- 2154 JUNE 29, 1962 REC'D NASA- GSFC JULY 5,1962



AUTO

AUTO

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NUAL MANUAL MANUAL M

PROJECT -

YEAR







少年 東京町 東江日子山









OFF

OFF

GODDARD SPACE FILIGHT
CENTER - NASA
SPACE DATA ACQUISITION DIVISION
DATA PROCESSING BRANCH











