



REMINGTON RAND  
**UNIVAC**  
DIVISION OF SPERRY RAND CORPORATION



SPERRY  UNIVAC



**CELEBRATE  
OUR PAST**



 **SPERRY**

**UNISYS**

**UNISYS**  
Unisys Defense Systems, Inc.

**PARAMAX**  
A Unisys Company

**LORAL**  
Defense Systems-Eagan

**LOCKHEED MARTIN** 

**18 November 2011**



# A Little Background



## ■ ERA started in 1946

- First American computer company
- 40 code (crypto) crackers in an old glider factory
- Eckert-Mauchley started six months later
- Both acquired by Remington Rand by 1952

## ■ Univac major contributor to Naval Tactical Data Systems (NTDS)

- Lead Contractor
- System Engineering, computers, and software
- First combat tactical data link
- In place for Cuban Missile crisis

## ■ Missile Ground Guidance

- 300+ NASA launches: never a launch failure due to Univac
- Launched first U.S. communications, weather satellites
- Critical support for U.S. men into space: Mercury, Gemini, Apollo
- Tomahawk missile guidance software used in combat: on target.

## ■ Original U.S. air traffic management architecture

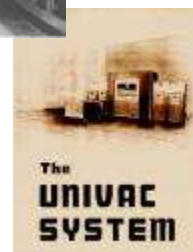
- Some “Firsts”—1) automated terminal system, 2) automated minimum safe altitude warning system, 3) automated conflict alert warning system, 4) all-digital terminal system

## ■ USN Standard Computers for 50+ Years

- USQ-17 through UYQ-70
- UYK-43's controlled Feb08 satellite shutdown

## ■ Multiple platform applications

- Domestic and International
- Submarine, Maritime Surface, Air, Space, Ground





# Our Responsibility



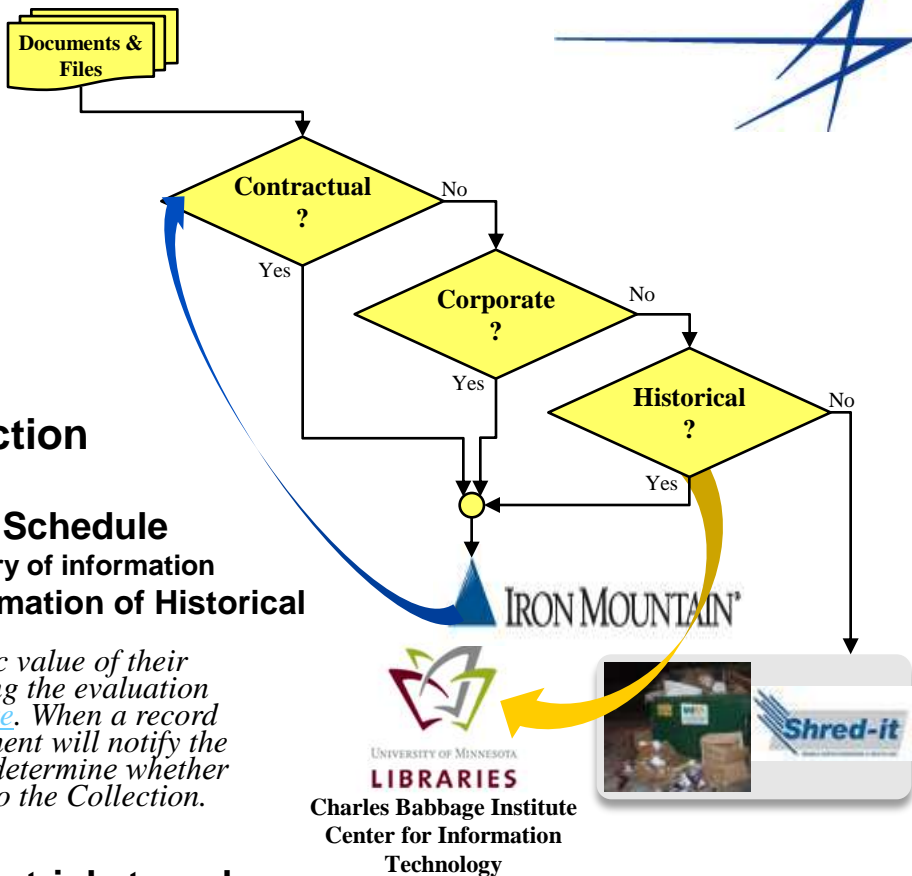
## Do Not just throw stuff (Documents & Files) away

- Contractual Responsibilities
  - Including Third Party
- Corporate Responsibilities
- Historical Responsibilities

## CPS-527 provides Guidance and Direction

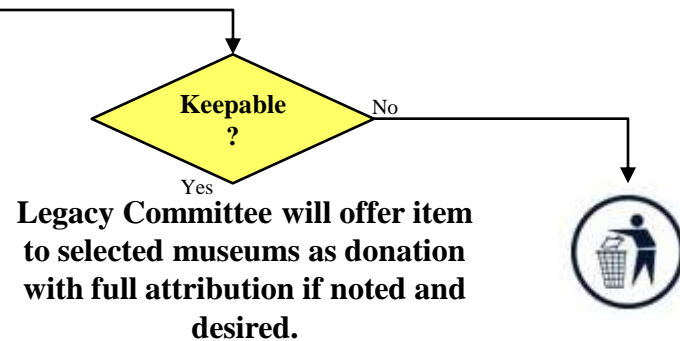
- All Records are LM Property
- RM-001, Corporate Records Retention Schedule
  - Provides detailed guidance for each category of information
- Paragraphs 5.x provides direction for information of Historical Value

*In part:*  
 5.5 Departments will consider the historic value of their records on a continuing basis, following the evaluation criteria on the [Legacy Program website](#). When a record may have historical value, the department will notify the element's Records Manager, who will determine whether the record is an appropriate addition to the Collection.



## Other Stuff (PC cards, film, pictures, videos, trinkets, ash trays, tie tacks, junk, models, computers, other products, etc.)

- Usually not Contractual
- Not GFE
- Not Capital



# Our Legacy

## ■ How do you want “Eagan” to be remembered? What should be remembered?

- Technology
- Community Impact
- Customers
- Economic Impact
- Products
- ?
- People
- ?

## ■ Beyond getting paid, why has “Eagan” been important to You?

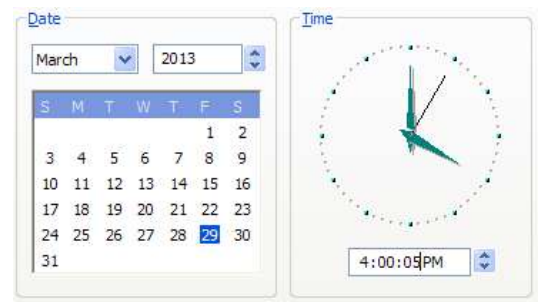
- Met significant other
- Only company family has worked for
- Met best friend
- Career
- Lost best friend
- ?

## ■ Should we do anything tangible to be remembered?

- Buy a brick
- Write a book
- Do a Time Capsule
- Produce a movie/TV documentary
- Donate the USS Minneapolis/St. Paul Bell
- Maintain the Website
- Throw everything in the Dumpster
- Put stuff in a Museum

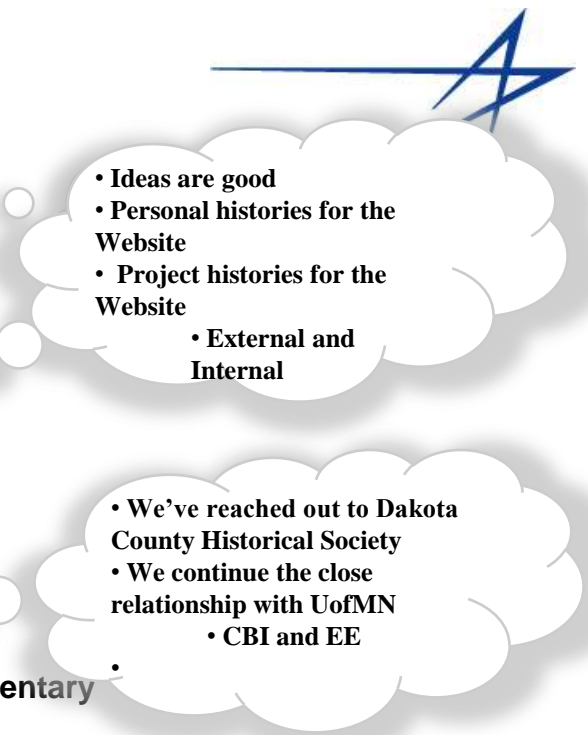
## ■ Do you want to become personally involved?

- Some do
  - Get active, there isn't much time left
- Most don't
  - Offer opinions, there isn't much time left
- The Eagan Facility has to be empty by March 2013



## ■ We want to hear your ideas: We need to implement your Ideas: We need your help!

- Contact John Westergren or Lowell Benson
    - 651-456-3380 (office)
    - [john.h.westergren@lmco.com](mailto:john.h.westergren@lmco.com)
    - 612-850-6527 (cell)
    - [jwestergren@frontiernet.net](mailto:jwestergren@frontiernet.net)
    - 952-431-5868 (home)
- [webmaster@vipclubmn.org](mailto:webmaster@vipclubmn.org)



**Today is the History of the Future – We need to Protect It!**





# Legacy Document Review Process

CPS-527, Para 5.0 Legacy Program

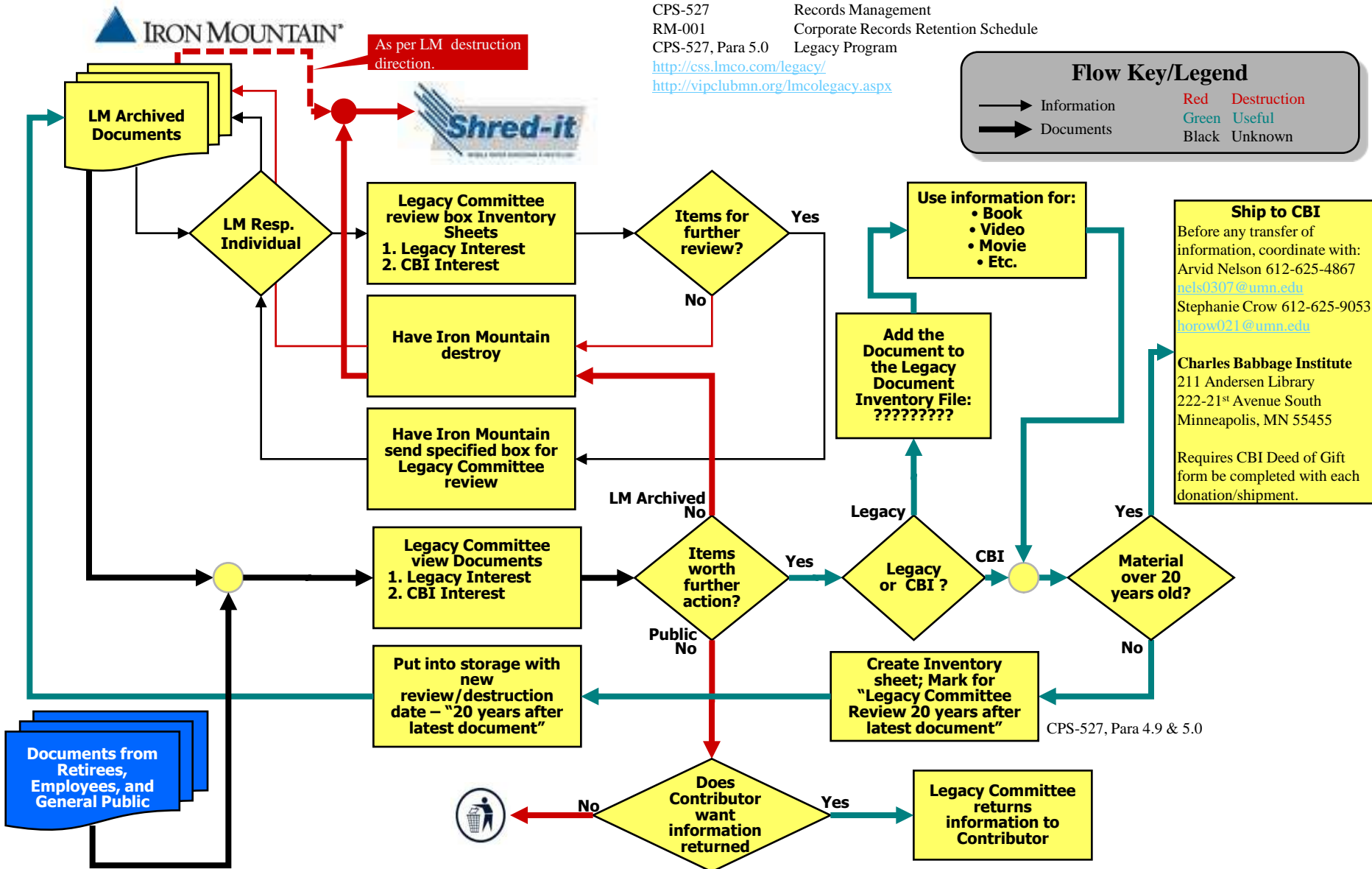


CPS-527  
 RM-001  
 CPS-527, Para 5.0  
<http://css.lmco.com/legacy/>  
<http://vipclubmn.org/lmcolegacy.aspx>

Records Management  
 Corporate Records Retention Schedule  
 Legacy Program

**Flow Key/Legend**

→ (thin black arrow)	Information	Red	Destruction
→ (thick black arrow)	Documents	Green	Useful
		Black	Unknown





# Legacy Artifact/Image Review Process



Individual or organization provides item as donation to the Legacy Committee



Legacy Committee views Artifact, Memento, or Image

1. Any "strings attached" or preconditions?
2. Legacy Interest
3. Other potential interest

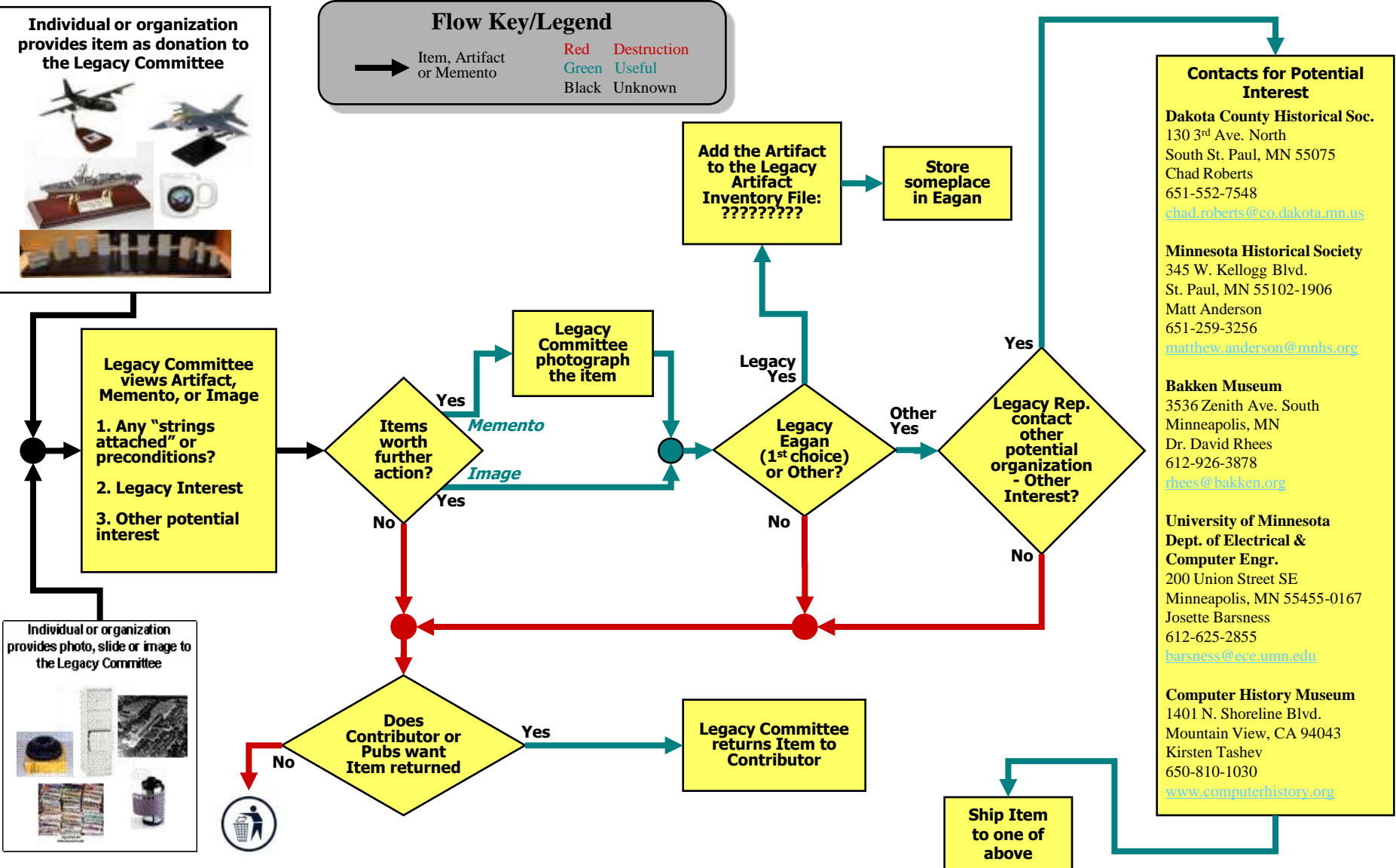
Individual or organization provides photo, slide or image to the Legacy Committee



**Flow Key/Legend**

→ Item, Artifact or Memento

Red	Destruction
Green	Useful
Black	Unknown



- Contacts for Potential Interest**
- Dakota County Historical Soc.**  
 130 3rd Ave. North  
 South St. Paul, MN 55075  
 Chad Roberts  
 651-552-7548  
[chad.roberts@co.dakota.mn.us](mailto:chad.roberts@co.dakota.mn.us)
  - Minnesota Historical Society**  
 345 W. Kellogg Blvd.  
 St. Paul, MN 55102-1906  
 Matt Anderson  
 651-259-3256  
[matthew.anderson@mnhs.org](mailto:matthew.anderson@mnhs.org)
  - Bakken Museum**  
 3536 Zenith Ave. South  
 Minneapolis, MN  
 Dr. David Rhees  
 612-926-3878  
[rhees@bakken.org](mailto:rhees@bakken.org)
  - University of Minnesota Dept. of Electrical & Computer Engr.**  
 200 Union Street SE  
 Minneapolis, MN 55455-0167  
 Josette Barsness  
 612-625-2855  
[barsness@ece.umn.edu](mailto:barsness@ece.umn.edu)
  - Computer History Museum**  
 1401 N. Shoreline Blvd.  
 Mountain View, CA 94043  
 Kirsten Tashev  
 650-810-1030  
[www.computerhistory.org](http://www.computerhistory.org)

# Consolidation Document Review Process

CPS-527, Para 5.0 Legacy Program



CPS-527  
 RM-001  
 CPS-527, Para 5.0  
<http://css.lmco.com/legacy/>  
<http://vipclubmn.org/lmcolegacy.aspx>

Records Management  
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**Flow Key/Legend**

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