



U.S. ARMY LOGISTICS «

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Serialized Item Management (SIM)

31 August 2020

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HQDA DCS G-4

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Version: 1

As of: 27 August 20



UNITED STATES ARMY LOGISTICS



Agenda



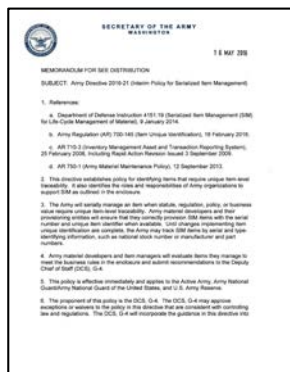
- What is SIM?
- Human in the Logic (HITL) Serialization Adjudication Group (SAG)
- Policy



What is SIM?



- SIM provides the means to perform information-enable sustainment in the Army enterprise.
- The decision to serially manage an item is based on the need to know specific information at the individual item level of detail, business rules are identified in **SIM Directive 2016-21**.
- SIM enables the Army to capture warranty data, critical safety item characteristics, maintenance history, modification history, usage, equipment configuration, and procurement and contract information, with the application of the **Serial Number Indicator (SNI)**.

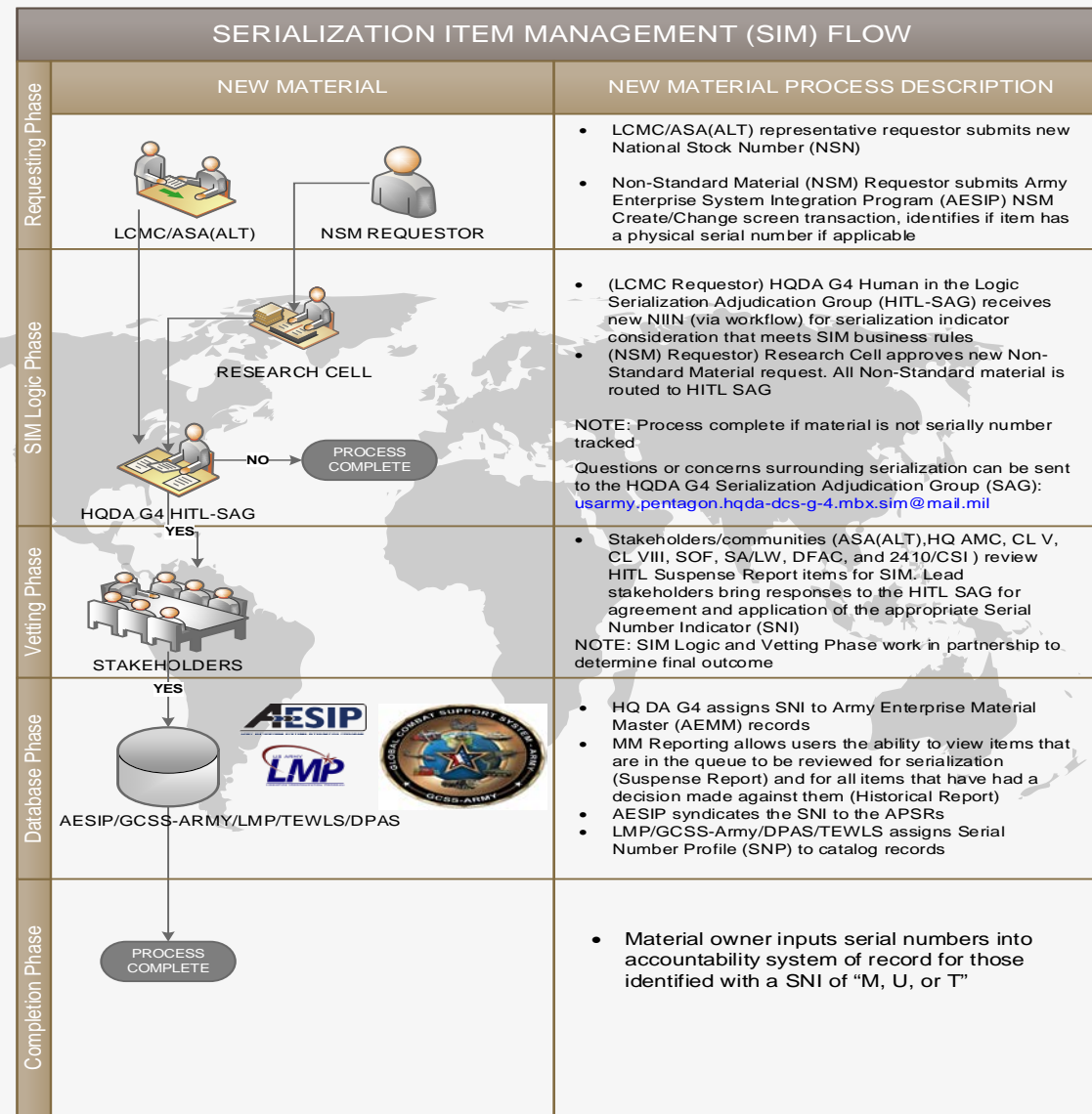
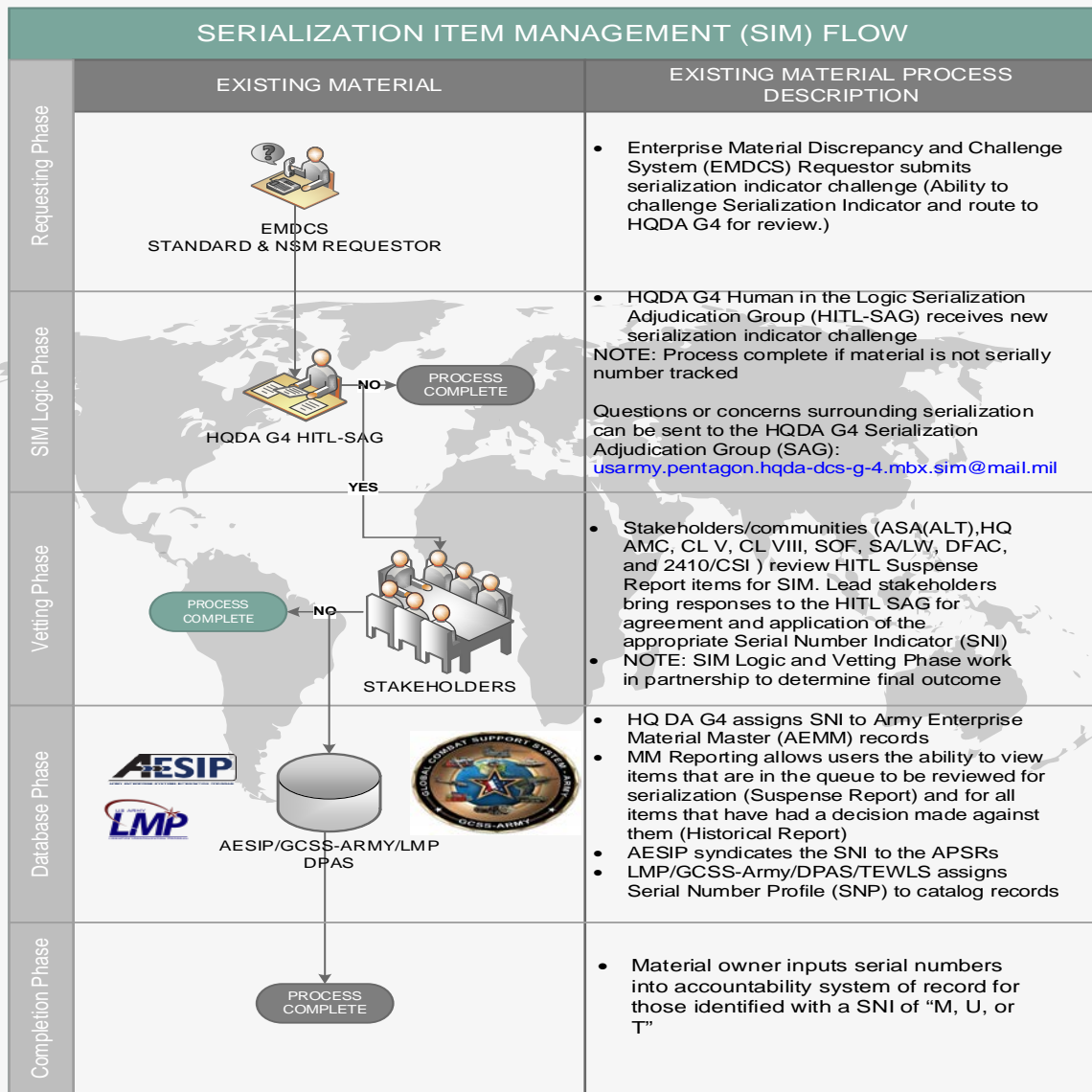




HITL SAG

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SIM Process Flow





SIM Policy



Policy and Application



- **DoD Directive 2016-21**

- **AR 710-3 (Chapter TBD)**
 - Current status: Courses of Action (COA)
 - Additional updates required for SIM

- **DA SIM PAM**
 - Working with LDAC to incorporate all lesson's learned
 - Standard and Non-standard guidance



Back-up Slides



Back-up Slide Titles



- SIM Business rules
- Nonstandard items for consideration -1
- Nonstandard items for consideration -2
- Nonstandard items for consideration -3
- Nonstandard items for consideration -4
- HITL SAG Process
- HITL Flow example
- SIM HITL SME
- Serialization and UIT – regulatory guidance – 1
- Serialization and UIT – regulatory guidance – 2
- Serialization and UIT – regulatory guidance – 3



DA G-4 Candidate Business Rules



Characteristic	Descriptor	Identifier-Data element	Data Source	Source Owner
Capital Assets	Class of Supply Unit Cost	II, VII, VIII \$100K FY13, \$250K FY14	AEMM	ASA(FM&C)
Critical Safety Item	MCDS ARISE Criticality Code	2410 tracked items Serial number tracked items selected part numbers C, E, F, H, M, Y Marine CSI is list driven	MCDS, ARISE, FLIS – will eventually migrate to AEMM	LDAC/AMCOM
TMDE	TEMIS Class of Supply Subclass	CBU items II, VII, VIII, IX H	AEMM	LDAC/USATA/ MEDCOM
UIT	3 Digit FLIS UIT designator code	3 Digit FLIS UIT designator code	AEMM	LDAC/ AMC
Major End Items	Class of Supply Essentiality Code	VII, VIII for VII – A for VIII – ARC = N, Sub Class =4, MATCAT pos 2 = Q	AEMM	LDAC/ MEDCOM
Depot Level Reparable	MRC Recoverability Code Essentiality Code Class of Supply	H, D, L A, D, H, K, L G-44 (M) Review Of List A, C VIII, IX	AEMM	LDAC/ MEDCOM
Non-Expendable/End Items	ARC Essentiality Code Class of Supply	N A, C II, VIII	AEMM	LDAC/ MEDCOM
Sensitive or Classified	CIIC Class of Supply	1-9, A, B, C, G, H, K, L, O, Q, R, S, T II, VII, VIII, IX Exclusion FSC: 76XX & 84XX	AEMM	LDAC/ MEDCOM
Pilferable	CIIC Class of Supply	J, I, N, P, Y, Z II, VII, VIII, IX Exclusion FSC: 76XX & 84XX	AEMM	LDAC/ MEDCOM
Munitions	Class of Supply CIIC	V 1, 5, 6 and List driven	AEMM	LDAC



Nonstandard items - Consideration for SIM

UIT items will be adjudicated by the HITL SAG according to category and relevant FSC

Small Arms with the following FSCs:

- 1005
- 1010
- 1015
- 1020
- 1025
- 1030
- 1035
- 1040
- 1045
- 1055
- 1090
- 1095
- 1385
- 6920

Controlled Cryptographic Items (CCI) with the following FSCs:

- 5805
- 5810
- 5811
- 5820
- 5821
- 5841
- 5895
- 5985.
- 5998

Radiation Tracking and Testing System (RATTS) with the following FSCs:

- 6665

Class V items will be adjudicated by the HITL CL V team case by case

Class VIII items will be adjudicated by the HITL CL VIII team case by case

For catalog inquiries contact LDAC Help Desk

Catalog changes are submitted via AESIP

This list is NOT all inclusive but a guide to SIM items

DLM 4000.25 V2
 DoDM 5200.01
 AR 710-3
 DA PAM 385-24
 TB 43-0116



Nonstandard items - SIM consideration

- FSC 7010 – Laptop
- Scanners – Iris, document
- Printers – plotter, graphics
- Printers- Dot Matrix
- FSC 2340
- All-terrain Vehicles
- Golf cart
- Ranger
- Motorcycles
- FSC 4120
- Air conditioners
- Portable air conditioner
- Spot cooler
- FSC 6115
- Diesel generator
- Honda generator
- Gas generator
- FSC 7710, 7720
- Musical Instruments
- FSC 5820
- Video conferencing Systems

- FSC 3805, 3810, 3820, 3825
- Large equipment
- Bulldozer, Grader, Crane
- Earth moving – excavating
- FSC 1730, 4910
- Floor jack
- Floor vehicular
- FSC 7020, 7021, 7022
- File Server Network
- FSC 2410, 2420,2430, 3930
- Tractors
- Wheeled
- Forklift
- FSC 2330
- Trailers
- FSC 1940
- Boats
- FSC 3431, 3432,3433
- Welder, MIG, TIG, Electric

- FSC 2310, 2320,
- Vehicles incl; vans and trucks
- Unmanned aerial
- FSC 8110, 8115, 8140, 8145, 8150
- Containers, shipping
- ISU
- FSC 5810, 5811,5825, 5826, 5840, 5841, 5855,
- Prophet AN/TSQ-248
- Night vision equipment
- FSC 6625
- Analyzer, spectrum, digital, network
- FSC 1385,2350, 2360
- Robots
- FSC 4310
- Compressor, air
- FSC 3920, 3930
- Lift
- Scissors lift
- Boom
- Hydraulic

This list is NOT all inclusive but a guide to SIM items

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Nonstandard items - NOT SIM*

Amplifier - power sound
 Exercise Equipment
 Facsimile
 Camcorder
 Camera
 Camera accessories
 Cell/Smart phones
 Duplicator - CD, DVD
 Duplicator - hard drive
 Filing cabinets
 GPS portable
 Kitchen equipment
 Microphone
 Monitors
 Shredder
 Player - DVD, VCR
 Power Supply Assembly
 Kitchen items i.e. cups
 Office equipment i.e.chairs

Projector - LCD, DLP
 Projector- overhead
 Saw - table, circular, band
 Speaker - portable
 Speaker - Main
 Speaker - monitor
 Switch
 Television
 Television Receiver
 Clothing items
 Bicycles
 Weights
 Floor creepers - Maintenance

Threading machine
 Press Machines
 Rack, storage
 Sanders
 Shears
 Lathes
 Headphones
 Grinders
 Battery tester
 Battery Charger
 Cutting Table
 Drill
 Milling Machine

***ALL
 CHARACTERISTICS/DATA
 ELEMENTS ARE LOOKED
 AT WHEN FINAL
 DECISIONS ARE MADE
 FOR SIM**

FSCs 91XX, 83XX**, 84XX, 85XX, 89XX, 73XX, 75XX, 76XX, 78XX, 79XX, 60XX, 67XX, 53XX, 40XX, 47XX,48XX, items will not be serialized **8340 exception

This list is NOT all inclusive but a guide to SIM items

For catalog inquiries contact LOGSA Help Desk

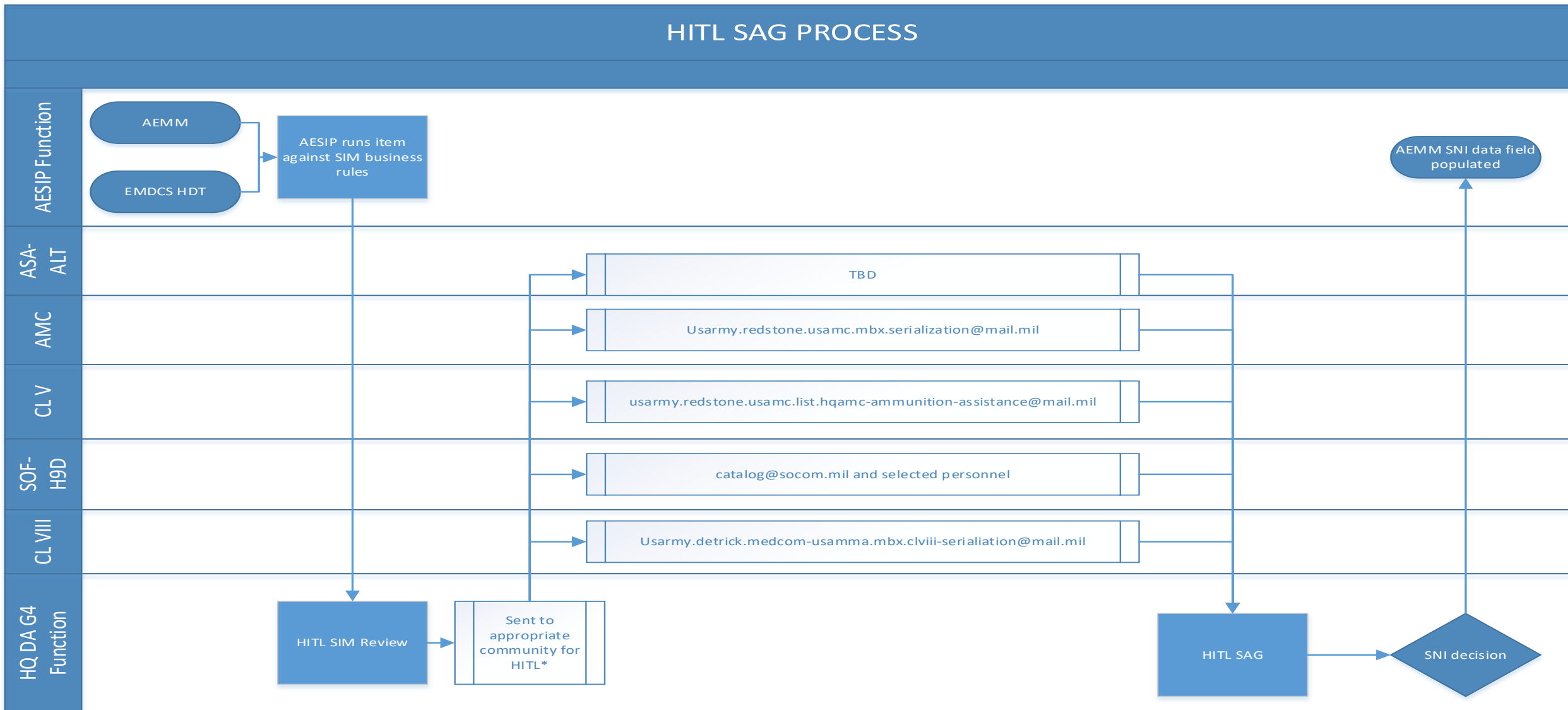
Catalog changes are submitted via AESIP



HITL SAG

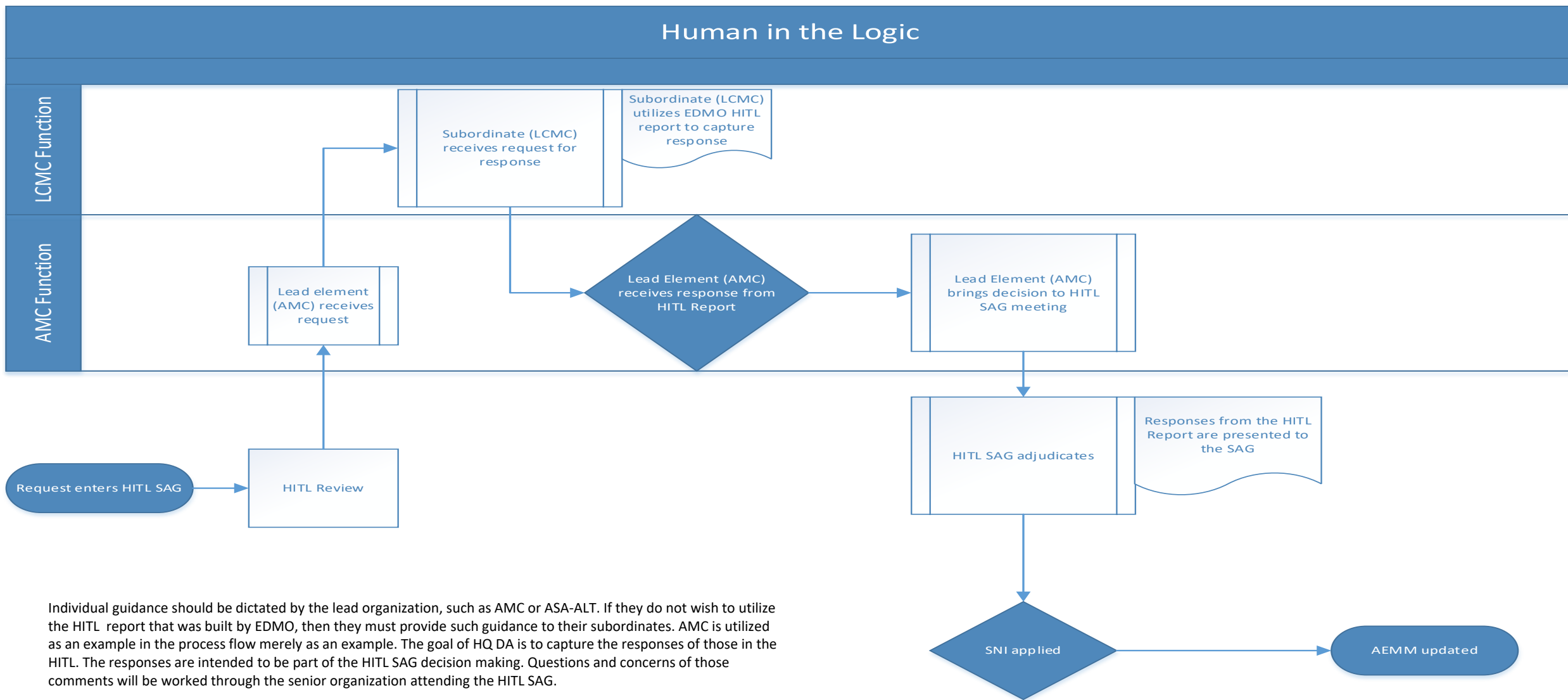


HITL SAG PROCESS



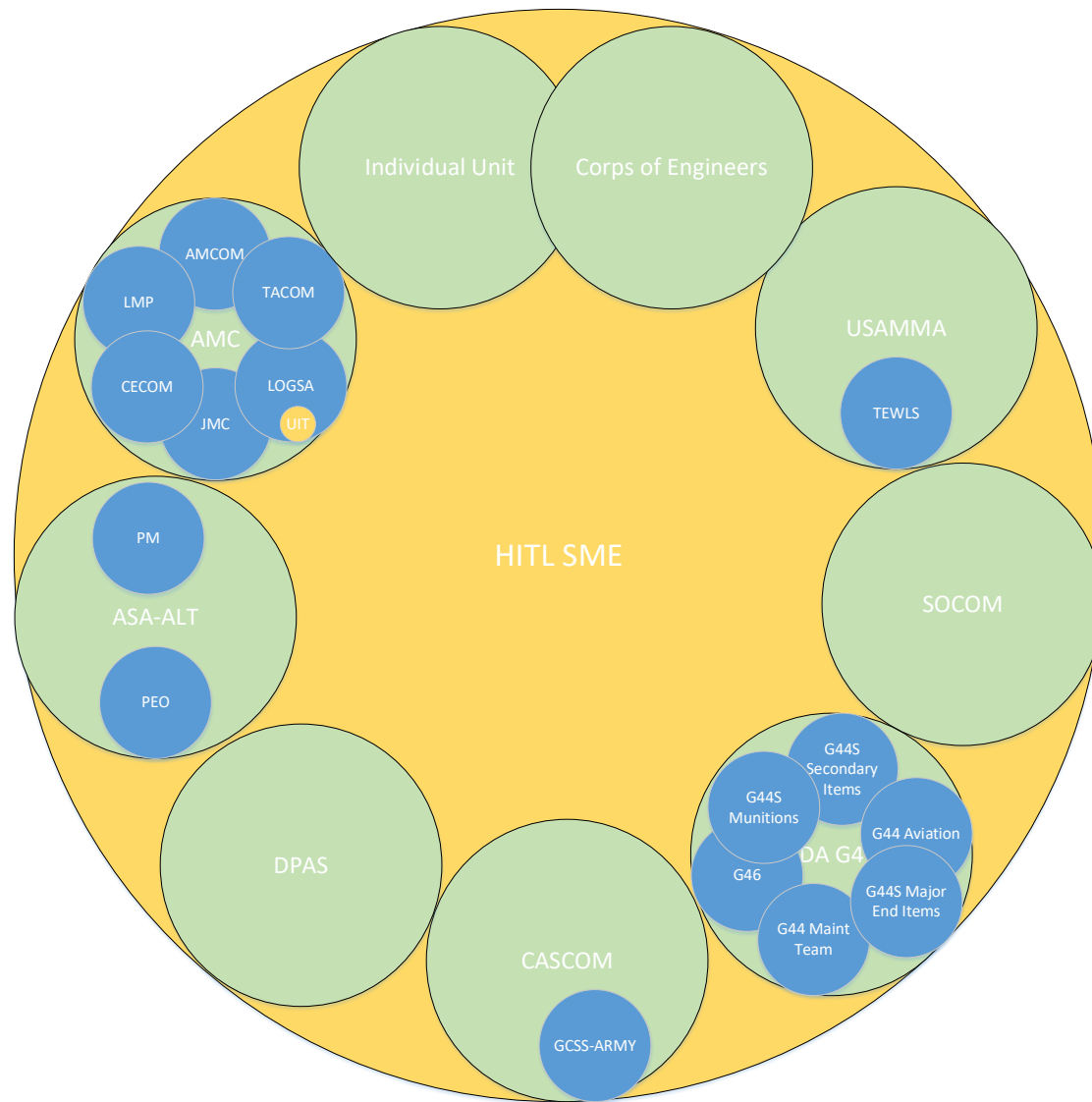


Human in the Logic (HITL)





SIM HITL SME





Serialization and UIT - Backup 1

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AR 710-3

(5) All units/installations/geographical areas at both the national and tactical levels not accounting for CCI, RASTS, or SA/LWs on the property book unit supply enhanced (PBUSE), Global Combat Support System-Army (GCSS-Army) or the Logistics Modernization Program (LMP) will appoint a SA/LW serialization officer, a radioactive “source” serialization officer, and a CCI serialization officer for each installation file. PBUSE/GCSS-Army and LMP all interfaces directly with the LOGSA Army serial number tracker (ARSNT) which automatically reports to and updates unique item tracking (UIT). Serialization officers can be the same person. A copy of the appointment orders will be sent to LOGSA.

2-1. Program overview

- a. UIT is a DOD program to maintain visibility of selected items uniquely identified by serial number. The Army accomplishes UIT through two subprograms: Web UIT (WEBUIT) and ARSNT.
- b. WEBUIT is a transactional database and will be used by all units not converted to PBUSE/GCSS-Army and LMP. Those units converted to PBUSE must also input transactions into the DOD RASTS UIT for licensed radioactive material due to the accountability requirement of the licensee. ARSNT will receive direct feeds from PBUSE, GCSS-Army, and LMP. Unique sensitive items reported are SA/LW, RASTS, and CCI as designated by the NSA. To ensure appropriate visibility, WEBUIT requires transactional reporting to the UIT Central Registry from all elements in possession of report-able items.
- c. ARSNT provides visibility of serial numbers within PBUSE, GCSS-Army, and LMP. There are no transactions generated. LOGSA executes the UIT Central Registry mission for both UIT programs. WEBUIT additionally requires an annual reconciliation of all reportable items. There is no requirement to reconcile items in ARSNT, because data is constantly being updated from PBUSE, GCSS-Army, and LMP which will update UIT.
- d. Note that security risk Category I (nonnuclear missile and rocket serial number registration and reporting) are no longer reported to the UIT Central Registry and are not covered in this chapter. They are reported to the Worldwide Am-munition Report System-New Technology.



Serialization and UIT - Backup 2



AR 710-3

2-7. Functional requirements of the serialization officer

All reporting activities will keep an automated or manual active file of serial numbers of reportable items on hand in all supported accountable property records down to the property book/stock record account level. The UIT reporting is keyed to the DODAAC/unit identification code (UIC) of the activity accountable for the reportable item. Evacuation of a reportable asset through maintenance channels for repair and return within the Army that does not entail a property book/ownership change will not require UIT reporting. However, the shipment of a reportable asset to another service or contractor for maintenance purposes will be reported to the UIT Central Registry. This requirement will be included in any maintenance support agreement. The serialization officer at each reporting activity will—

- a. Establish and maintain files as prescribed in paragraph 2-3b for all supported accountable property records. This includes satellite activities on the installation for support.
- b. Report receipts and shipments (gains or losses) into or out of the reporting activity responsible to the UIT Central Registry. The serialization officer will use the online WEBUIT open shipment report to follow-up on an inbound shipment not reported or received.
- c. Report changes to SA/LW, Category I, RASTS, and CCI status to the UIT Central Registry within 10 calendar days of the supply transaction.
- d. Resolve errors or rejects. WEBUIT rejects can be accessed and corrected online.
- e. Inform the UIT Central Registry of additions and deletions of DODAACs that are supported by the reporting activity.
- f. Resolve and correct all reconciliation discrepancies.

2-8. Reconciliation procedures

- a. An annual 100 percent reconciliation will be conducted between the UIT Central Registry and each of the reporting activities not converted to PBUSE/GCSS-Army/LMP. This reconciliation requires bottom-up reporting (all active records on the activity's file should be reported to the UIT Central Registry).



Serialization and UIT - Backup 3



AR 735-5

2-1

h. Property documents and records maintained for stock record accounts need not show the manufacturer's serial numbers unless specifically required by Army policy. Serial numbers, for property in use, will be shown on property books and property book supporting documents under AR 710-2.

2-15. Stock record account serial number a. The DODAAC is the SRA serial number. Logistics Support Activity assigns DODAACs (see AR 725-50). b. The commander appointing an accountable officer will request the assignment of a DODAAC through channels when— (1) A new account is established. (2) A DODAAC has not been assigned to the present account. (3) A present DODAAC needs revision. c. The DODAAC represents the SRA; they do not represent the officer who maintains the account. d. A unique DODAAC will be assigned to accounts established to maintain records of Government property provided to contractors according to the DFARS. e. Requests to establish or cancel SRA serial numbers for Army libraries will be sent through command channels to HQDA. For law libraries, see AR 27-1; for medical libraries, see AR 40-3; for all other libraries, see AR 735-17

13-3

(7) Serial number changes for sensitive items will require the processing of a DD Form 200 and an AR 15-6 investigation if changes involve more than two characters.