



Defense Travel System

DTA Manual, Appendix R: LOA Format Maps

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Revision History

Revision No.	Date	Authorization	Revision/Change Description	Page, Section
1.0	4/25/18	Defense Travel Management Office (DTMO)	Change format, updated language & screenshots	All
1.1	8/17/18	DTMO	Updated URLs to https vs. http	Throughout

1 Line of Accounting Format Maps and Data Elements

This appendix provides the format maps for lines of accounting (LOAs) that Components use in DTS. Additionally, the LOA data elements used to auto-generate the Customer Identification Codes (CICs) at authorization approval are listed by Component.

2 Lines of Accounting Format Maps and Their Data Elements

2.1 AF 2, 9/29/2003

Organizations connected to the General Accounting and Finance System (GAFS) and Defense Enterprise Accounting and management System (DEAMS) use the Air Force (AF) 2 format map.

The AF 2 format map layout in DTS:

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20		
ACCT 1	ADSN						^															
ACCT 2	DEPT	^	TF		^	FY	^	APPR				^	SL				^					
ACCT 3	FC	^	PY	^																		
ACCT 4	OAC	^	OBAN		^	RC/CCC						^	BA		^							
ACCT 5	BPAC						^	CDC		^	CC		^	Line #		^						
ACCT 6	EEIC/SRAN						^	SC		^	SMC/CSN						^					
ACCT 7	ADSN						^	ESP		^												
ACCT 8	FM								^	PEC						^						
ACCT 9	IBOP		^																			
ACCT 10	JON												^	Obj-Class			^	COC		^		

Traditional LOA format: 57 3 3600 293 78 88 6DLCA0 409 _DLLD3 667100

The equivalent DTS Format:

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
ACCT 1	667100						^														
ACCT 2	57	^			^	3	^	3600				^					^				
ACCT 3	29	^			^																
ACCT 4	78	^	88		^	6DLCA0						^			^						
ACCT 5							^			^			^			^					
ACCT 6	409						^			^	DDLDD3						^				
ACCT 7	667100						^			^											
ACCT 8									^							^					
ACCT 9			^																		
ACCT 10	JT00LVAB												^				^				

Table R-1

AF 2 FORMAT MAP ELEMENTS (BY ACCOUNTING LINE)				
Acct. Line	Field Name	Acronym	Data Type	X12 Segment
1	Accounting and Disbursing Station Number	ADSN	AN6	FA2 L1
2	Department Code	DEPT	AN2	FA2 A1
	Transferring Agency (FMS only)	TF	AN2	FA2 A2
	Fiscal Year	FY	AN1	FA2 A3
	Appropriation Symbol	APPR	AN4	FA2 A4
	Subhead/Limit	SL	AN4	FA2 A7
3	Fund Code	FC	AN2	FA2 B5
	Program Year	PY	N1	FA2 B4
4	Operating Agency Code	OAC	AN2	FA2 D4
	Operating Budget Account Number	OBAN	AN2	FA2 E4
	Responsibility Center/Cost Center Codes	RC/CCC	AN6	FA2 D1
	Budget Authority	BA	AN2	FA2 B1
5	Budget Program/Activity Code	BPAC	AN6	FA2 C4
	FMS Case Designator Code	CDC	AN3	FA2 P5 (1-3)
	FMS Country Code	CC	AN2	FA2 P5 (4-5)
	FMS Line #	Line #	AN3	FA2 P5 (6-8)
6	Element of Expense/Investment Code	EEIC/SRAN	AN6	FA2 F4
	Stock Record/ Account Number			
	Sales Code	SC	AN3	FA2 E2
	Systems Management Code/Control Serial Number	SMC/CSN	AN6	FA2 H1
7	Accounting and Disbursing Station Number	ADSN	AN6	FA2 L1
	Emergency and Special Program Code	ESP	AN2	FA2 G3
8	Fund Control Number/MORD Number	FM	AN8	FA2 H5
	Program Element Code	PEC	AN6	FA2 G1
9	International Balance of Payments Code	IBOP	AN3	FA2 P4
10	Job Order Number	JON	AN12	FA2 G4/H4 (G4=Pos. 1-8, H4=9-12)
	DIFMS Object Class	Obj-Class	AN3	FA2 G2
	Contractual Other Code	COC	AN2	FA2 C3

Note: This table includes elements required for National Imagery and Mapping Agency (NIMA) and DIFMS.

Table R-2

AF 2 FORMAT MAP ELEMENT DEFINITIONS (ALPHABETICAL)	
Element	Definition
ADSN	6 numbers that identify the Activity that is responsible for performing the official accounting and reporting for the funds.
APPR	4 numbers that identify the type of funds.
BA	2 characters that identify the mission-oriented and support programs, resources, and cost data in the DoD's Five-year Defense program.
BPAC	6 characters that identify the major budget programs and activities. Applies to Air Force procurement and RDT&E appropriations.
CC	2 characters that identify a country or international organization for transactions pertaining to Foreign Military Sales, International Military Education and Training, or Foreign Military Financing*. Country codes also are used to develop the IBOP. The country codes used for IBOP are based on the Federal Information Processing Standards publications issued by the National Bureau of Standards. *These codes are published in Security Assistance Management Manual, DOD 5105.38-M.

AF 2 FORMAT MAP ELEMENT DEFINITIONS (ALPHABETICAL)	
Element	Definition
CDC	3 characters that identify a FMS contractual sales agreement between the U.S. and foreign country or international organization documented by a DD Form 1513 or a Letter of Offer and Acceptance. An FMS case identifier is assigned to identify accounting and data processing for each offer.
COC	//No definition provided//
DEPT	2 characters that identify the military department or government entity receiving the appropriation.
EEIC/SRAN	As an EEIC: 6 characters: 3 that identify the account code + a space + 2 that identify the sub-account code. Identify the nature of services and item acquired for immediate consumption (expense) or capitalization (investment). Used as part of the Air Force accounting classification in accounting for commitment, obligation, disbursement, collection and international balance of payment transactions. - This filed may instead be used for the SRAN.
ESP	2 characters that identify accounting and reporting for cost incurred during an emergency or in support of a special program. Assigned by HQ USAF, Major Commands (MAJCOMs), or bases. The first character is a number or letter assigned by the user. The second position (always a letter) is assigned as follows: A-G by HQ USAF; H-W by MAJCOM; or X-Z by base.
FC	2 characters that identify AF appropriations, DOD funds allotted to the AF, or military assistance appropriations transferred to the AF. These codes are an element of the allotment code.
FM	//No definition provided//
FY	1 character that identifies the year funds are available for obligation.
IBOP	3 characters that identify a country for IBOP transactions. The country codes are based on the Federal Information Processing Standards publications issued by the National Bureau of Standards.
JON	12 characters that identify the job order number or work order number. It identifies the individual MIPR, NASA order, job order, etc., that will be billed for charges incurred. A work order number consists of 6 numbers assigned by the Base Civil Engineering Office.
Line #	3 characters that identify a detail line item on the Letter of Offer and Acceptance.
OAC	2 characters that identify a major high-level organizational unit within the AF to which HQ USAF allocates funds.
OBAN	2 characters that identify the allotment serial number assigned by operating agencies (MAJCOMs, POAs) to identify specific funding points.
Obj-Class	4 numbers that identify transactions according to the nature of the goods procured or services performed rather than their purpose.
OC	4 numbers that identified transactions according to the nature of the goods procured or services performed rather than their purpose.
PEC	6 characters that identify the program element, funding type, special funds, and specific mission which is represented by a single character depending on the program element code.
PY	1 character that identifies appropriations that never expire (FY X), yet require fiscal year accountability because of language in the Appropriation Act. Related to FY.
RC/CCC	6 characters that identify AF organizations, subordinate units, successive levels of responsibility, and their related cost accounts. A RC is a focal point of managerial control and represent a level of reporting for financial accountability. A CCC is a subordinate entity or unit of activity of an organization used for purposes of cost accumulation and distribution. The cost account is subordinate to a cost center and is used to collect costs below organizational entities; also cost accounts are identified to single parent command, DoD program element and functional category.
SC	3 characters that identify the sales code.
SL	4 characters that identify the limitation or subhead to the U.S. Treasury account number (basic symbol). The SL identifies a subdivision of funds that restricts the amount or use of funds for a certain purpose or identifies sub-elements within the account for management purposes. On accounting documents, the SL follows a decimal point. If there is no SL, leave these positions blank.

AF 2 FORMAT MAP ELEMENT DEFINITIONS (ALPHABETICAL)	
Element	Definition
SMC/CSN	6 characters that can include various element, such as the Cost Systems Indicator (CSI), Cost Descriptor (CD), Control Serial Number (CSN), or the Systems Management Code (SMC). If any of these elements are used to build an address, they must be included in this field. CSI is in position 1, CD in position 2, CSN normally in position 2-5, SMC normally in positions 1-6.
TF	2 characters that identify the Government agency transferring appropriations and/or funds to the DoD (department code 97) or one of the Services (department codes 17, 21, or 57). For example, an appropriation from the Executive Office of the President to the DoD is cited as: 97-11 X 8242.GYO1.

Note: When a LOA is set up for Foreign Military Sales (FMS) purposes, certain fields must contain particular characters in specific positions in order for DTS to distinguish the LOA as a FMS LOA. Table R-3 shows where FMS characters must appear in Air Force LOAs.

Table R-3

VALUES FOR AF 2 FORMAT MAP USED FOR FMS			
Acct Number	Positions	Acronym	Value in Positions
2	1-2	DEPT	97
	4-5	TA	11
	7	FY	X
	9-12	APPR	8242
5	8-10	CDC	Enter the FMS case identifier assigned for the identification, accounting, and data processing for each offer. This code is in the FMS contractual sales agreement between the U.S. and an eligible foreign country or international organization documented by a DD Form 1513 or a Letter of Offer and Acceptance.
	12-13	CC	Enter the country or international organizational code for FMS transactions.
	15-17	Line #	Enter the detail line item on the Letter of Offer and Acceptance.

Refer to the DTA Manual, Chapter 8 for more information about FMS LOA values in DTS.

2.2 ARMY 3, 6/06/2003

Organizations connected to the Logistics Modernization Program (LMP), the Standard Operations and Maintenance Army Research & Development System (SOMARDS), and Standard Finance System (STANFINS) use the ARMY format map.

The ARMY 3 format map layout in DTS:

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20		
ACCT 1	FSN						^															
ACCT 2	DEPT	^	FY				^	BSN				^	LMT				^	PY	^			
ACCT 3	OA	^	ASN				^	RSC				^	ODC		^							
ACCT 4	AMS/PA											^	FCA					^				
ACCT 5	MDEP				^	SODP			^	EOR				^								
ACCT 6	APC/P/J											^	CCC							^		
ACCT 7	PMC		^	TDC		^	FSN						^									
ACCT 8	TF	^	LOC	^	FCN		^	FLN			^	IBCP					^					
ACCT 9	SCC																		^			
ACCT 10	PPC/S-JON							^	RCN		^											

Traditional LOA format:

21 6 2020 57-3106 325796.BD 21T1 QSUP CA200 GRE12340109002 AB22 S34030

The equivalent DTS Format:

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20		
ACCT 1	34030						^															
ACCT 2	21	^	2006				^	2020				^					^					
ACCT 3	57	^	3106				^					^										
ACCT 4	325796.BD											^	CA200					^				
ACCT 5					^				^	2111				^								
ACCT 6	AB2214											^	14AB22							^		
ACCT 7			^			^	34030						^									
ACCT 8			^			^				^					^							
ACCT 9																			^			
ACCT 10								^			^											

Table R-4

ARMY 3 FORMAT MAP ELEMENTS (BY ACCOUNTING LINE)						
Acct Line	Position	Field Name	Acronym	Max # Char	Data Type	X12 Segment
1	1-6	Financial Station Number	FSN	6	a/n	L1
2	1-2	Department Code	DEPT	2	a/n	A1
	4-7	Fiscal Year	FY	4	a/n	A3
	3-12	Basic Symbol Number	BSN	4	a/n	A4
	14-17	Limitation	LMT	4	a/n	A7
	19	Program Year	PY	1	a/n	B4
3	1-2	Operating Agency	OA	2	a/n	D4
	4-7	Allotment Serial Number	ASN	4	a/n	D6
	9-12	Reimbursement Source Code	RSC	4	a/n	E1
	14-15	Obligation Data code	ODC	2	a/n	E2
4	1-11	Army Management Structure Code/ Project Acct	AMS/PA	11	a/n	B3
	13-17	Functional Cost Account	FCA	5	a/n	C4
5	1-4	Management Decision Package	MDEP	4	a/n	G3
	6-9	Special Operation Decision Package	SODP	4	a/n	G2
	11-14	Element of Resource	EOR	4	a/n	F4
6	1-12	Accounting Processing Code/ PRON/JON	APC/P/J	12	a/n	G4
	14-19	Identification Code/Cost Center Code	CCC	6	a/n	D1
7	1-3	Fund Code (ARNG)	PMC	3	a/n	B5
	5-7	Cost Allocation Code (ARNG)	TDC	3	a/n	H4
	9-14	Fiscal Station Number	FSN	6	a/n	L1
8	1-2	FMS-Transferring Agency	TF	2	a/n	A2
	4-5	FMS-Location (Country Code)	LOC	2	a/n	P5 (1-2)
	7-9	FMS-Case Number	FCN	3	a/n	P5 (3-5)
	11-13	FMS-Line Number	FLN	3	a/n	P5 (6-8)
	15-18	FMS-IBCP Transaction (Type/Payer)	IBCP	4	a/n	P4
9	1-18	Special Cost Code	SCC	18	a/n	H1
10	1-8	Program Planning Code/Sub-Job Order Number	PPC/S-JON	8	a/n	G1
	10	Regional Control Number	RCN	1	a/n	D5

Data Fields NOT included in LOA:
 Standard Document Number - The DTS generated SDN will be the 6-digit trip record number
 Element of Resource - The EOR will appear on the trip record as a standard expense code (021).it be in UDFOA record 23 and map to FA2F4
 Account Classification Reference Number - THE ACRN will be mapped outside the LLA (ref ENT01 segment)

Table R-5

ARMY 3 FORMAT MAP ELEMENT DEFINITIONS (ALPHABETICAL)	
Element	Definition
AMS/PA	Up to 11 digits that identify the classification of Army activities and functions. For some appropriations the AMS is also referred to as the Project Code. For FMS transactions, the FMS case number is in the first 3 positions. The line number is in positions 4-6.
APC/P/J	12 characters that identify elements of the accounting classification and may be used as a shortcut for entering numerous elements into the accounting system for each transaction. May also be referred to as the Activity Code, Fund Code (AC/FC, Act Cd, or Fd Cd). May also be used as a JON to identify and track costs specific to a project.
ASN	3-4 numbers that identify a particular distribution of funds.
BSN	4 numbers that identify the type of funds being used.
CCC	6 characters that identify the organizational unit to which an employee is officially assigned by personnel action or a Cost Center Code.
DEPT	2 numbers that identify the military department or government entity receiving the appropriation.
EOR	4 characters that identify the type of resource being employed or consumed. Classifies the resource according to nature of usage rather than purpose. Positions 1 and 2 relate to an Office of Management and Budget object classification. Positions 3 and 4 are detail data.
FCA	5 characters that identify specific functions within an Army Management Structure Code/project. They are divided into eight categories: Medical Research, Development and Operations (B series); Costing of Commercial Activities (C series); Base Closure/Reduction in Force (D series); Intelligence Command Program (E series); Miscellaneous Codes (F series); Productivity Capital Investment Program (P series); Morale, Welfare and Support (R series); Panama Canal Treaty (T series); and Counter Narcotics Program (Y series). Relates to the AMS/PA.
FCN	3 characters that identify an FMS contractual sales agreement between the U.S. and an eligible foreign country or international organization documented by a DD Form 1513 or a Letter of Offer and Acceptance. An FMS case identifier is assigned for the purpose of identification, accounting, and data processing.
FLN	3 characters that identify a detail line item on the Letter of Offer and Acceptance.
FSN	6 numbers that identify the Activity responsible for performing the official accounting and reporting for the funds.
FY	4 characters that identify the year funds are available for obligation.
IBCP	//No definition provided//
LMT	4 characters that identify the U. S. Treasury account number (basic symbol). They are used to identify a subdivision of funds that restricts the amount or use of funds for a certain purpose or identifies sub-elements within the account for management purposes.
LOC	2 characters that identify a country or international organization for FMS transactions, International Military Education and Training, or Foreign Military Financing*. Country codes also are used to develop the IBOP. The country codes used for IBOP are based on the Federal Information Processing Standards publications issued by the National Bureau of Standards. *These codes are published in Security Assistance Management Manual, DOD 5105.38-M.
MDEP	4 characters that identify a particular Army organization, program, or function and records the resources associated with the intended output.
ODC	1-2 characters that identify a payment made within the U.S. Government, such as reimbursable orders, Government Bills of Lading, etc., and Non-Federal government transactions such as payments to individuals for travel/civilian pay and contractual payments to a private sector company.
OA	2 numbers that identify the organization receiving or issuing the funds; the organization under whose jurisdiction the installation or activity operates when making deposit fund transactions; and the organization having jurisdiction over the installation furnishing the goods or services or the OA to which authority for furnishing the goods or services was allocated, in a reimbursement transaction.
PMC	3 characters that identify the ARNG fund holder and other fiscal accounting information.
PPC/S-JON	8 characters that identify and track costs related to a specific JON.

ARMY 3 FORMAT MAP ELEMENT DEFINITIONS (ALPHABETICAL)	
Element	Definition
PY	1 character that identifies appropriations that never expire (FY X), yet require fiscal year accountability because of language in the Appropriation Act. Related to FY.
RCN	1 character that identifies specific project levels.
RSC	4 characters that identify the source from which the reimbursement is to be received.
SCC	Up to 18 characters that identify such items as the Activity Base Costing Code, Integrated Facilities System Code, FE Document Number, etc. They are assigned to provide the specific level of detail required for funding reports. For SOMARDS users, this field is used to pass IFS-M data.
SODP	4 characters that identify special visibility programs for the United States Special Operations Command.
TDC	3 characters that identify the type of ARNG duty being performed and ties it to the appropriation and AMS.
TF	2 characters that identify the department code of the Government agency transferring appropriations and/or funds to the DoD (department code 97) or one of the Services (department codes 17, 21 or 57).

Note: When a LOA is set up for Foreign Military Sales (FMS) purposes, certain fields must contain particular characters in specific positions in order for DTS to distinguish the LOA as a FMS LOA. Table R-6 shows where FMS characters must appear in Army LOAs.

Table R-6

VALUES FOR ARMY 3 FORMAT MAP USED FOR FMS			
Account Number	Positions	Field Name	Value in Positions
2	1-2	DEPT	97
	4-7	FY	XXXX
	9-12	BSN	8242
8	1-2	TF	11
	4-5	LOC	Enter the country or international organizational code for FMS transactions.
	7-9	FCN	Enter the FMS case identifier assigned for the identification, accounting, and data processing for each offer. This code is in the FMS contractual sales agreement between the U.S. and an eligible foreign country or international organization documented by a DD Form 1513 or a Letter of Offer and Acceptance.
	11-13	FLN	Enter the detail line item on the Letter of Offer and Acceptance.

Refer to the DTA Manual, Chapter 8 for more information about FMS LOA values in DTS.

2.3 BSM 1, 2/06/2006

The Defense Logistics Agency (DLA) uses the Business Systems Modernization (BSM) format map.

The BSM 1 format map layout in DTS:

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
ACCT 1	FSN						^														
ACCT 2	DEPT	^	FY				^	BS				^	SH			^					
ACCT 3	ASN					^	CC					^	OCC			^					
ACCT 4	CC			^																	
ACCT 5	AC	^	FC	^	FSN						^										
ACCT 6	ION										^										
ACCT 7																					
ACCT 8																					
ACCT 9	IBOP			^	TD	^	FCN				^	LOC	^	FLN			^				
ACCT 10	JON					^	ACRN	^													

Table R-7

BSM 1 FORMAT MAP ELEMENTS (BY ACCOUNTING LINE)							
Acct Line	Position	Field Name	Acronym	Size & Type		X12	DTS
1	1-6	Fiscal Station Number (Routing #)	FSN	A/N6		L1	A42
2	1-2	Department Code	DEPT	A/N2	x	A1	A10
	4-7	Fiscal Year	FY	A/N4	x	A3	A12
	9-12	Base Symbol	BS	N4	x	A4	A13
	14-17	Sub-Head	SH	A/N4	x	A7	A14
3	1-5	Allotment Serial Number	ASN	N5	x	D6	A20
	7-12	Cost Center	CC	A/N6	x	A7	A30
	14-17	Object Class Code	OCC	N4	x	F1	A31
4	1-4	Cost Center	CC	A/N4	x	E3	A26
5	1-2	DBMS Activity Code	AC	A/N2		D1	A27
	4-5	Fund Code	FC	A/N2		B5	A16
	7-12	Fiscal Station Number	FSN	A/N10	x	L1	A42
6	1-10	Internal Order Number	ION	A/N4	x	E2	
9	1-4	IBOP	IBOP	A/N2	x	P4	
	6-7	Transfer Department	TD	A/N3	x	A2	
	9-11	Foreign Military Sales Case Number	FCN	A/N2	x	P5 (1-3)	
	13-14	FMS Location (Country Code)	LOC	A/N2	x	P5 (4-5)	
	16-18	FMS Line Item Number	FLN	A/N3	x	P5 (6-8)	
10	1-6	JON	JON	A/N6	x	G1	A35
	8-9	Accounting Classification Reference Number	ACRN	A/N1	x	Mapped L11	

Table R-8

BSM 1 FORMAT MAP ELEMENT DEFINITIONS (ALPHABETICAL)	
Element	Definition
AC	2 characters that identify the organization responsible for financial management and accountability of funds.
ACRN	2 characters that identify the line of accounting assigned by document originator.
ASN	5 numbers that identify a particular distribution of funds.
BS	4 numbers that identify the type of funds being used.
CC	7 numbers that identify the DLA-BSM Cost center. The 1 st 6 digits are in Account 3 ; the last 4 are in Account 4.
DEPT	2 characters that identify the military department or government entity receiving the appropriation.
FC	2 characters that identify the appropriation, DoD funds allotted to DLA, and military assistance appropriations transferred to DLA. These codes facilitate computer processing.
FCN	3 characters that identify an FMS contractual sales agreement between the U.S. and an eligible foreign country or international organization documented by a DD Form 1513 or a Letter of Offer and Acceptance. An FMS case identifier is assigned for the purpose of identification, accounting, and data processing.
FLN	3 characters that identify a detail line item on the Letter of Offer and Acceptance.
FSN	6 numbers that identify the Activity responsible for performing the official accounting and reporting for the funds.
FY	4 numbers that identify the year funds are available for obligation.
IBOP	4 characters that identify a country for IBOP transactions. The country codes are based on the Federal Information Processing Standards publications issued by the National Bureau of Standards.
ION	//No definition provided//
JON	6 characters that identify and track costs related to a specific project or job. The first must be a 1 (Reimbursable Job Order Number) or 0 (non-Reimbursable Job Order Number). The remaining positions are assigned locally.
LOC	2 characters that identify a country or international organization for FMS transactions, International Military Education and Training, or Foreign Military Financing*. Country codes also are used to develop the IBOP. The country codes used for IBOP are based on the Federal Information Processing Standards publications issued by the National Bureau of Standards. *These codes are published in Security Assistance Management Manual, DOD 5105.38-M.
OCC	4 numbers that identify transactions according to the nature of the goods procured or services performed rather than their purpose.
SH	4 characters that identify the suffix of the US. Treasury account number (basic symbol). It is used to identify a subdivision of funds that restricts the amount or use of funds for a certain purpose or identifies sub-elements within the account for management purposes. On accounting documents, the limitation is preceded by a decimal point.

Note: When a LOA is set up for Foreign Military Sales (FMS) purposes, certain fields must contain particular characters in specific positions in order for DTS to distinguish the LOA as a FMS LOA. Table R-9 shows where FMS characters must appear in BSM LOAs.

Table R-9

VALUES FOR BSM 1 FORMAT MAP USED FOR FMS			
Account Number	Positions	Field Name	Value in Positions
2	1-2	DEPT	97
	4-7	FY	XXXX
	9-12	BS	8242
9	6-7	TD	11
	9-11	FCN	Enter the FMS case identifier assigned for the identification, accounting, and data processing for each offer. This code is in the FMS contractual sales agreement between the U.S. and an eligible foreign country or international organization documented by a DD Form 1513 or a Letter of Offer and Acceptance.
	13-14	LOC	Enter the country or international organizational code
	16-18	FLN	Enter the detail line item on the Letter of Offer and Acceptance.

Refer to the DTA Manual, Chapter 8 for more information about FMS LOA values in DTS.

2.4 DBMS 1, 8/01/2001

Defense Agencies that are connected to the Defense Business Management System (DBMS) finance system use the DBMS format map.

The DBMS 1 format map layout in DTS:

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20		
ACCT 1	ADSN						^															
ACCT 2	DEPT	^	FY				^	BS				^	SH				^					
ACCT 3	ASN					^	CAC					^	OCC					^				
ACCT 4	ORG					^																
ACCT 5	AC	^	FCC	^	ADSN							^										
ACCT 6																						
ACCT 7																						
ACCT 8																						
ACCT 9	IBOP				^																	
ACCT 10	JON						^	ACRN	^													

Note: No delimiter needed if Account Line is totally blank as in 6, 7, and 8.

Traditional LOA format:

97 XXXX 4930 5CC1 010 73211 2111 J UX J1 033181 01

The equivalent DTS Format:

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20		
ACCT 1	033181						^															
ACCT 2	97	^	XXXX				^	4930				^	5CC1				^					
ACCT 3	010					^	73211					^	2111					^				
ACCT 4	J					^																
ACCT 5	UX	^	J1	^	033181							^										
ACCT 6																						
ACCT 7																						
ACCT 8																						
ACCT 9						^																
ACCT 10							^	01	^													

Table R-10

DBMS 1 FORMAT MAP ELEMENTS (BY ACCOUNTING LINE)					
Acct Line	Position	Field Name	Acronym	Size & Type	X12 Segment
1	1-6	Accounting and Disbursing Station Number	ADSN	A/N6	L1 A42
2	1-2	Department Code	DEPT	A/N2	A1 A10
	4-7	Fiscal Year	FY	A/N4	A3 A12
	9-12	Basic Symbol	BS	N4	A4 A13
	14-17	Sub-Head	SH	A/N4	A7 A14
3	1-5	Allotment Serial Number	ASN	N5	D6 A20
	7-11	Cost Account Number	CAC	N5	H1 A30
	13-16	Object Class Code	OCC	N4	F1 A31
4	1-5	Organization Code	ORG	A5	E3 A26
5	1-2	DBMS Activity Code	AC	A/N2	D1 A27
	4-5	Fund Code	FC	A/N2	B5 A16
	7-12	Accounting and Disbursing Station Number	ADSN	A/N6	L1 A42
9	1-4	IBOP	IBOP	A/N4	P4
10	1-6	Job Order Number	JON	A/N6	G1 A35
	8-9	Accounting Classification Reference Number	ACRN	A/N2	ENT 01 IT101

Table R-11

DBMS 1 FORMAT MAP ELEMENT DEFINITIONS (ALPHABETICAL)	
Element	Definition
AC	2 characters that identify the organization responsible for financial management and funds accountability.
ACRN	2 characters that identify the line of accounting assigned by document originator.
ADSN	6 numbers that identify the Activity which is responsible for performing the official accounting and reporting for the funds.
ASN	3-5 numbers that identify a particular distribution of funds.
BS	4 numbers that identify the type of funds being used.
CAC	5 numbers that identify transactions according to their purpose. It is normally the last 4 characters of the cost code of the Navy/Marine Corps accounting classification code, or in a job order system, the 3 rd to 6 th digit of the job order number.
DEPT	2 characters that identify the military department or government entity receiving the appropriation.
FC	2 characters that identify the appropriation, DoD funds allotted to DBMS, and military assistance appropriations transferred to DBMS.
FY	4 numbers that identify the year funds are available for obligation.
IBOP	4 characters that identify a country for IBOP transactions. The country codes used for IBOP are based on the Federal Information Processing Standards publications issued by the National Bureau of Standards.
JON	6 characters that identify and track costs related to a specific project or job. The 1 st position must be a 1 (Reimbursable Job Order Number) or 0 (non-Reimbursable Job Order Number). The remaining positions are assigned locally.
OCC	4 numbers that identify transactions according to the nature of the goods procured or services performed rather than their purpose.
ORG	5 numbers that identify the office using the funds. Positions 1-5 represent the directorate, division, branch, section, and unit.
SH	4 characters that identify the suffix of the US. Treasury account number (basic symbol). It is used to identify a subdivision of funds that restricts the amount or use of funds for a certain purpose or identifies sub-elements within the account for management purposes. On accounting documents, the limitation is preceded by a decimal point.

2.5 DTRA, 7/03/2006

The Defense Threat Reduction Agency (DTRA) uses the Centralized Accounting and Finance Resource Management System (CAFRMS) financial system. The DTRA format map generally follows the Army LOA format map (see section 2.2), although it has two modifications:

Table R-12

ELEMENT ADJUSTMENTS TO THE ARMY FORMAT MAP FOR DTRA USE				
Acct Line	Position	Field Name	Acronym	Adjustment
1	1-6	Authorized Accounting Activity	AAA	AAA is used in Acct 1, Positions 1-6 instead of FSN.
9	1-10	Control Number	CN	CN is used in Acct 9, positions 1-10 instead of the SCC in positions 1-18.

2.6 DWAS 1, 1/01/2004

Defense Agencies that are connected to the Defense Working Capital Accounting System (DWAS) finance system use the DWAS 1 format map.

The DWAS 1 format map layout in DTS:

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
ACCT 1	AAA						^														
ACCT 2	DEPT	^	TDP	T	FY				^	DFY				^							
ACCT 3	APPN			^	SUBH			^	OC				^								
ACCT 4	BCN				^	S	A	^	AAA					^	TT		^				
ACCT 5	BP	A	^	CI			^														
ACCT 6	CAC							^	FC		^										
ACCT 7																					
ACCT 8	RC/CC							^	IBOP				^	BOC/EE				^			
ACCT 9	CC											^	ACRN		^						
ACCT 10	JON																			^	

Traditional LOA format:

AA 97 X 4930 FF12 211 G2291 0 068142 2F 000000 CC1234567890

The equivalent DTS Format:

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
ACCT 1	068142						^														
ACCT 2	97	^	97	^	XXXX				^	2003				^							
ACCT 3	4930			^	FF12			^	210				^								
ACCT 4	G2291				^	0	^	068142					^	2F		^					
ACCT 5	F	^	G2291			^															
ACCT 6								^	30		^										
ACCT 7																					
ACCT 8	2FMS3S							^					^	2100				^			
ACCT 9	CC1234567890											^	AA		^						
ACCT 10	GMTR03000000																			^	

Table R-13

DWAS 1 FORMAT MAP ELEMENTS (BY ACCOUNTING LINE)				
Acct Line	Field Name	Acronym	Data Type	X12 Segment
1	Authorized Accounting Activity	AAA	AN6	FA2 L1
2	Department Code	DEPT	AN2	FA2 A1
	Transfer Department	TDPT	AN2	FA2 A2
	Fiscal Year	FY	AN4	FA2 A3
	Document Fiscal Year	DFY	N4	FA2 B4
3	Appropriation Number	APPN	AN4	FA2 A4
	Subhead	SUBH	AN4	FA2 A7
	Object Class	OC	AN4	FA2 F1
4	Bureau Control Number	BCN	AN5	FA2 D5
	Sub Allotment	SA	AN1	FA2 D7
	Authorized Accounting Activity	AAA	AN6	FA2 L1
	Transaction Type	TT	AN2	FA2 E4
5	Budget Program Activity (N-Navy, etc.)	BPA	AN1	FA2 B3
	Customer Indicator (Activity UIC)	CI	AN5	FA2 E3
6	Cost Account Code	CAC	AN8	FA2 H1
	Fund Code	FC	AN2	FA2 B5
8	Responsibility/Cost Center	RC/CC	AN8	FA2 G4
	International Balance of Payments Code	IBOP	AN4	FA2 P4
	Budget Object Class/Element of Expense	BOC/EE	AN4	FA2 F4
9	Cost Code	CC	AN12	FA2 D1
	Accounting Classification Reference Number	ACRN	AN2	ENT 01
10	Job Order Number	JON	AN19	FA2 H4

Table R-14

DWAS 1 FORMAT MAP ELEMENT DEFINITIONS (ALPHABETICAL)	
Element	Definition
AAA	6 numbers that identify the activity responsible for performing the official accounting and reporting for the funds. Also known as the Fiscal Station Number (FSN), Fiscal Accounting Station (FAS) or Accounting Station Number (ASN).
ACRN	2 characters that identify the line of accounting assigned by document originator.
APPN	4 characters that identify the type of funds being used. For DWAS, it's usually 4930.
BCN	5 characters that identify the operating budget holder, allotment, or organization having responsibility for managing a program.
BOC/EE	4 characters that identify transactions according to the nature of the goods procured or services performed rather than their purpose. Travel object classes begin with a 2. This field is also referred to as the Element of Resource (EOR) for the SRD1 Interfacing system.
BPA	1 letter that identifies the Component (e.g., N=Navy, F=AF).
CAC	8 characters that identify transactions according to their purpose. DWAS expanded this field for future use as Work Centers or Performing Cost Centers.
CC	12 characters that identify the source for information needed for preparation of reports which require detail below the funding level. Consists of the JON or other budget/cost execution information and varies by type of appropriation, system, or fleet/shore activity. This field is also referred to as the Account Processing Code (APC)/PRON/JON for the SRD1 Interfacing system.
CI	5 numbers that identify the organizational unit to which an employee is officially assigned.
DEPT	2 characters that identify the military department or government entity receiving the appropriation.
DFY	4 numbers that identify the fiscal year in which the travel is occurring. The last two positions are used as the fiscal year in the DWAS Standard Document Number for travel.
FC	2 characters that identify the appropriation. These codes facilitate computer processing and are an element of the allotment code.
FY	4 numbers that identify the first year that funds are available for obligation. "XXXX" is used for DoD Revolving funds.
IBOP	3 characters that identify a country for IBOP transactions. The country codes used for IBOP are based on the Federal Information Processing.
JON	12-19 characters used to identify and track costs specific to a project. The JON can be either the G&A or Reimbursable JON costs for the travel should be incurred against.
OC	3-4 numbers that identify the classification of disbursements, consistent data collections, and accurate reporting. It classifies transactions according to the nature of the goods procured or services performed rather than their purpose.
RC/CC	8 characters that identify organizations, subordinate units, successive levels of responsibility, and their related cost accounts. The RC represents a level of reporting for financial accountability. A CC is a subordinate entity or unit of activity of an organization used for cost accumulation and distribution. The cost account is subordinate to a CC and is used to collect costs below organizational entities; also cost accounts are identified to single parent command, DoD program element and functional category.
SA	1 character that identifies a further breakdown of the Operating Budget/Bureau Control Number at the Funds Administering Activity.
SUBH	4 characters that identify subhead or limitation to the U.S. Treasury account number (basic symbol). It identifies a subdivision of funds that restricts the amount or use of funds for a certain purpose or identifies sub-elements within the account for management purposes.
TDPT	2 characters that identify the Government agency transferring appropriations and/or funds to the DoD or a Service.
TT	2 characters that identify transactions by type (e.g., travel advances, progress payments).

2.7 FACTS, 6/30/2011

The Defense Intelligence Agency (DIA) uses the Finance and Corporate Tracking System (FACTS) format map.

The FACTS format map layout in DTS:

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
ACCT 1	FSN					^															
ACCT 2	DEPT	^	FY	^	APPROP				^	LIMIT				^							
ACCT 3	FUND CODE					^	OBJ CL				^	FSN					^				
ACCT 4	PROGRAM				^	SUB BD CTR													^		
ACCT 5	EBC						^														
ACCT 6	PROJECT															^					
ACCT 7	ACTIVITY															^					
ACCT 8																					
ACCT 9																					
ACCT 10	TRACKING																			^	

Table R-15

FACTS FORMAT MAP ELEMENTS (BY ACCOUNTING LINE)				
Acct Line	Position	Field Name	Acronym	Data Type
1	1-6	Fiscal Station Number	FSN	6 AN
2	1-2	Treasury Department Code	DEPT	2 AN
	4-5	Fiscal year	FY	2 AN
	7-10	Appropriation	APPROP	4 AN
	12-15	Point Limit	LIMIT	4 AN
3	1-6	Fund Code	FUND CODE	6 AN
	8-12	Object Class	OBJ CL	5 AN
	14-19	Fiscal Station Number	FSN	6 AN
4	1-5	Program Element Code	PROGRAM	5 AN
	7-16	Sub Budget Center/Cost Center	SUB BD CTR	10 AN
5	1-8	Execution Budget Center	EBC	8 AN
6	1-15	Project ID	PROJECT	15 AN
7	1-15	Activity ID	ACTIVITY	15 AN
10	1-19	Tracking*	TRACKING	19 AN

* This field is for use in DTS only. It will not be translated into FACTS.

Table R-16

FACTS FORMAT MAP ELEMENT DEFINITIONS (ALPHABETICAL)	
Element	Definition
ACTIVITY	Up to 15 (though most often 3) characters that identify activities within a reimbursable project.
APPROP	4 characters that identify the Treasury appropriation type found in the appropriation symbol. This code is used to give the allotment serial number its appropriation identity.
DEPT	2 numbers that identify the military department or government entity receiving the appropriation.
EBC	4-5 characters that identify the subproject or programmed capability.
FSN	6 characters that identify the activity responsible for performing the official accounting and reporting for the funds.
FUND CODE	6 characters that identify the Appropriation Type, Appropriation Year, Treasury Symbol Point Limit, Fiscal Station and Budget Program Limitation.
FY	2 numbers that identify the year funds are available for obligation.
LIMIT	4 numbers that identify the suffix to the U. S. Treasury account number (basic symbol). The limitation is used to identify a subdivision of funds that restricts the amount or use of funds for a certain purpose or identifies sub-elements within the account for management purposes.
OBJ CL	5 characters that identify the nature or characteristics of the transaction and provides a method of recording the category of the goods and services being purchased rather than the purpose of the program being served.
PROGRAM	5 characters that identify the program element, funding type, special funds and specific mission which will be represented by a single character depending on the program element code value.
PROJECT	Up to 15 (though most often 10) characters that identify a reimbursable LOA by providing the account number used to track the reimbursable project. Only valid in conjunction with a reimbursable fund and for organizations exercising reimbursable authority. Will be omitted on direct funding lines of accounting.
SUB BD CTR	10 characters that identify the DIA element responsible for executing the funds.

2.8 MC 1, 8/01/2001

Organizations connected to the Standard Accounting, Budgeting, and Reporting System (SABRS) accounting system use the Marine Corps (MC) 1 format map.

The MC 1 format map layout in DTS:

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20		
ACCT 1	AAA						^															
ACCT 2	DEPT	^	FY	^	PY	^	APPR(BYSM)					^	SH					^				
ACCT 3	OC/SOC				^	BCN					^	S	A	^								
ACCT 4	AAA					^	TTC	^														
ACCT 5	CC											^	MAC(WCI)							^		
ACCT 6	FA	^	WC	^	FC	^	CAC					^	BRC	^								
ACCT 7	RON															^	BR	C	^			
ACCT 8	JNLU				^	DSSN				^	ACRN	^										
ACCT 9	IBOP				^																	
ACCT 10	TF	^	LOC	^	FCN			^	FLN			^										

Traditional LOA format: 17 02 02 1106 27A0 2100 67438 067400 2D
 COSTCODE1234 M20175 50 00 BF 0001 9400 AA

The equivalent DTS Format:

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20		
ACCT 1	067400						^															
ACCT 2	17	^	02	^	02	^	1106					^	27AD					^				
ACCT 3	2100				^	67438					^					^						
ACCT 4	067400					^	2D	^														
ACCT 5	COSTCODE1234											^	M20175							^		
ACCT 6	50	^	00	^	BF	^	0001					^				^						
ACCT 7	RON															^				^		
ACCT 8					^	9400				^	AA	^										
ACCT 9					^																	
ACCT 10			^			^				^				^								

Table R-17

MC 1 FORMAT MAP ELEMENTS (BY ACCOUNTING LINE)					
Acct Line	Position	Field Name	Acronym	Data	X12 Segment
1	1-6	Authorized Accounting Activity	AAA	AN6	FA2 L1
2	1-2	Department Code	DEPT	AN2	FA2 A1
	4-5	Fiscal Year	FY	AN2	FA2 A3
	7-8	Program Year	PY	AN2	FA2 B4
	10-13	Appropriation Number	APPR (BSYM)	AN4	FA2 A4
	15-18	Subhead	SH	AN4	FA2 A7
3	1-4	Object Class/Sub Object Class	OC/SOC	AN4	FA2 F1
	6-10	Bureau Control Number	BCN	AN5	FA2 D5
	12	Sub-allotment Number	SA	N1	FA2 D7
4	1-6	Authorized Accounting Activity	AAA	AN6	FA2 L1
	8-9	Transaction Type Code	TTC	AN2	FA2 G3
5	1-12	Cost Code	CC	AN12	FA2 G4
	The definition for the FA2 crosswalks defines this field for the Navy/Marine Corps as MAC/AAC. This is a required field.				
	14-19	Major Activity	MAC (WCI)	AN6	FA2 D1
6	1-2	Fund Administrator	FA (BEA)	AN2	FA2 B1
	4-5	Work Center	WC (BESA)	AN2	FA2 B2
	7-8	Fund Code	FC	AN2	FA2 B5
	10-13	Cost Account Code	CAC	AN4	FA2 H1
7	15-16	Budget Reporting Code	BRC	AN2	FA2 C3
	1-15	Reimbursable Order Number	RON	AN15	FA2 E2
	17	Reimbursable Bill Code	RBC	AN1	FA2 E1
8	1-4	Job Number Local Use Code	JNLU	AN4	FA2 H4
	6-8	Paying DSSN	DSSN	N	N104
	11-12	ACRN	ACRN	AN2	ENT01 & IT 101
9	1-4	International Balance of Payments Code	IBOP	AN4	FA2 P4
10	1-2	Transfer Agency - FMS	TF	AN2	FA2 A2
	4-5	Location (Country Code) - FMS	LOC	AN2	FA2 P5 (4-5)
	7-9	Case Number - FMS	FCN	AN3	FA2 P5 (1-3)
	11-13	Line Number - FMS	FLN	AN3	FA2 P5 (6-8)

Table R-18

MC 1 FORMAT MAP ELEMENT DEFINITIONS (ALPHABETICAL)	
Element	Definition
AAA	6 numbers that identify the Activity which is responsible for performing the official accounting and reporting for the funds.
ACRN	2 characters that identify the LOA assigned by document originator.
APPR	4 characters that identify the type of funds being used.
BCN	5 characters that identify the holder of an appropriation or the purpose of an allotment and the specific subdivision of the budget to which the allotted funds will be applied.
BRC	2 characters used to identify and track specific programs of high-level interest.
CAC	4-6 characters that identify transactions according to their purpose. It is normally the last four characters of the cost code of the Navy/Marine Corps accounting classification code or, in a job order system, the third through the sixth digit of the job order number.
CC	12 characters that identify the Operating Target Number (1-3); Expense Element (4); Program Element (5-6); Functional/Sub-functional (7-8); Cost Account (9-12).
DEPT	2 characters that identify the military department or government entity receiving the appropriation.
DSSN	4 numbers that identify the paying stations to route the voucher for payment. The paying DSSN is determined by the traveler's organization.
FA (BEA)	2 characters that identify organizational element designated by a Major Activity to control a specific segment of funds.
FC	2 characters that identify the appropriation. These codes facilitate computer processing and are an element of the allotment code.
FCN	3 numbers that identify an FMS contractual sales agreement between the U.S. and a foreign country or international organization documented by a DD Form 1513 or a Letter of Offer and Acceptance (LOA).
FLN	3 numbers that identify a detail line item on the Letter of Offer and Acceptance.
FY	1 character that identifies the year funds are available for obligation.
IBOP	4 characters that identify a country for IBOP transactions. The country codes used for IBOP are based on the Federal Information Processing Standards publications issued by the National Bureau of Standards.
JNLU	4 characters that identify and track costs related to a specific project or job.
LOC	2 characters that identify a country or international organization code for FMS transactions; International Military Education and Training (IMET); and Foreign Military Financing (FMF). The FMS, IMET and FMF codes are published in the Security Assistance Management Manual, DoD 5105.38-M (SAMM).
MAC (WCI)	//No definition provided//
OC/SOC	4 characters that identify the transactions according to the nature of the goods procured or services performed rather than their purpose.
PY	2 numbers that identify appropriations that never expire (FY X), yet require fiscal year accountability because of language in the Appropriation Act.
RBC	1 number that relates an LOA to a reimbursable Customer Identification Number for billing purposes.
RON	15 numbers that identify a specific request for reimbursable work which has been accepted.
SA	1 number that identifies regular sub-allotments. It is a separate element of an accounting classification.
SH	4 -digit suffix to the US. Treasury account number (basic symbol). It is used to identify a subdivision of funds that restricts the amount or use of funds for a certain purpose or identifies sub-elements within the account for management purposes. If there is no limitation, leave these positions blank.
TF	2 characters that identify the Government agency transferring appropriations and/or funds to the DoD (department code 97) or one of the Services (department codes 17, 21, or 57).
TTC	2 characters that identify transactions by type (e.g., plant property, travel advances, progress payments).
WC (BESA)	2 numbers that identify the level in the financial management structure at which transactions are generated.

Note: When a LOA is set up for Foreign Military Sales (FMS) purposes, certain fields must contain particular characters in specific positions in order for DTS to distinguish the LOA as a FMS LOA. Table R-19 shows where FMS characters must appear in MC LOAs.

Table R-19

VALUES FOR MC 1 FORMAT MAP USED FOR FMS			
Account Number	Positions	Field Name	Value in Positions
2	1-2	DEPT	97
	4-5	FY	XX
	10-13	APPR	8242
10	1-2	TF	11
	4-5	LOC	Enter the country or international organizational code
	7-9	FCN	Enter the FMS case identifier assigned for the identification, accounting, and data processing for each offer. This code is in the FMS contractual sales agreement between the U.S. and an eligible foreign country or international organization documented by a DD Form 1513 or a Letter of Offer and Acceptance.
	11-13	FLN	Enter the detail line item on the Letter of Offer and Acceptance.

Refer to the DTA Manual, Chapter 8 for more information about FMS LOA values in DTS.

2.9 MISIL FMS, 8/18/2011

Navy organizations use the Management Information System for International Logistics (MISIL) format map for Foreign Military Sales (FMS) purposes.

The MISIL FMS format map layout in DTS:

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
ACCT 1	AAA						^													
ACCT 2	DEPT	^	TDPT	^	DFY	^														
ACCT 3	BFY	^	EFY	^	APPN			^	SUBH				^	OC				^		
ACCT 4	BCN				^	SA	^	AAA					^	TT	^					
ACCT 5	BPA	^	CI				^													
ACCT 6	ACC/CAC						^	FC	^	BSN	^									
ACCT 7																				
ACCT 8	AC			^	FCN			^	LOC	^	FLN			^						
ACCT 9	PA								^	APC										^
ACCT 10	IBOP		^	CC(JON)												^	ACRN		^	

Table R-20

MISIL FMS FORMAT MAP ELEMENTS (BY ACCOUNTING LINE)				
Acct Line	Field Name	Acronym	Data Type	X12 Segment
1	Authorized Accounting Activity	AAA	6 AN	FA2*L1
2	Department Code	DEPT	2 AN	FA2*A1
	Transfer Department	TDPT	2 AN	FA2*A2
	Document Fiscal Year	DFY	2 AN	FA2*B4
3	Fiscal Year (Beginning Fiscal Year)	BFY	1 AN	FA2*A3
	Program Year Indicator (Ending Fiscal Year)	EFY	1 AN	FA2*A9
	Appropriate Number	APPN	4 AN	FA2*A4
	Subhead	SUBH	4 AN	FA2*A7
	Object Class	OC	3 AN	FA2*F1
4	Bureau Control Number	BCN	5 AN	FA2*D5
	Sub-allotment Number	SA	1 AN	FA2*D7
	Authorized Accounting Activity	AAA	6 AN	FA2*P2
	Transaction Type	TT	2 AN	FA2*E4
5	Budget Program Activity (N for Navy)	BPA	1 AN	FA2*B3
	Customer Indicator (Activity UIC)	CI	5 AN	FA2*E3
6	Auxiliary Cost Code (Cost Account Code)	ACC/CAC	7 AN	FA2*H1
	Fund Code	FC	2 AN	FA2*B5
	Budget Sub-Activity Number	BSN	2 AN	FA2*B2
8	Allocation Code	AC	4 AN	FA2*H4
	Foreign Military Sales (FMS) Case	FCN	3 AN	FA2*P5 (1-3)
	FMS Location (Country Code)	LOC	2 AN	FA2*P5 (4-5)
	FMS Line Item Number	FLN	3 AN	FA2*P5 (6-8)
9	Project Account	PA	9 AN	FA2*C4
	Account Processing Code	APC	7 AN	FA2*G4
10	International Balance of Payment	IBOP	3 AN	FA2*P4
	Cost Code (JON)	CC	12 AN	FA2*D1
	Accounting Classification Reference Number	ACRN	2 AN	FA2*D4

Table R-21

MISIL FMS FORMAT MAP ELEMENT DEFINITIONS (ALPHABETICAL)	
Element	Definition
AAA	6 numbers that identify the Activity which is responsible for performing the official accounting and reporting for the funds.
AC	4 characters that identify the IFAS as data element OTR- FUNC-CODE object class This field is optional for DON/DISA sites.
ACC/CAC	7 characters that identify the FMS Pricing Element, Reimbursable Account Code, and Case Number for reporting via MISIL.
ACRN	2 characters assigned by the document originator. In DTS, this field is left blank unless otherwise directed by the Component representative.
APC	7 characters used by DIFMS/ IFAS/SYSMIS/NOMIS/RIMS to identify the Shop Code.
APPN	4 numbers that identify the type of funds being used.
BCN	5 characters that identify the operating budget holder, allotment, or organization having responsibility for managing a program.
BFY	1 character that identifies the first year the funds are available for obligation.
BPA	1 character, always "N", that identifies the Navy.
BSN	2 characters that identify the unique shop level labor and material costs applicable to Public Works Departments. Only used for STARS-FL.
CC	12 characters that identify the source of information needed for preparation of reports that require detail below the funding level.
CI	5 numbers that identify the organizational unit to which an employee is officially assigned.
DEPT	2 characters that identify the military department or government entity receiving the appropriation.
DFY	2 numbers that identify the fiscal year in which the travel is occurring. Used as the fiscal year in the Navy SDN for travel.
EFY	1 character that identifies the last year funds are available for obligation.
FC	2 characters that identify the major claimant. Only used in STARS-HCM.
FCN	Foreign Military Sales (FMS) Case (FCN): Indicates an FMS contractual sales agreement between the U.S. and an eligible foreign country or international organization documented by a DD Form 1513 or a Letter of Offer and Acceptance (LOA). An FMS case identifier is assigned for the purpose of identification, accounting and data processing for each offer.
FLN	3 characters that identify a detail line item on the Letter of Offer and Acceptance.
IBOP	3 characters that identify a country for IBOP transactions. The country codes are based on the Federal Information Processing Standards publications issued by the National Bureau of Standards.
LOC	2 characters that identify a country or international organizational code for FMS transactions.
OC	4 numbers that identified transactions according to the nature of the goods procured or services performed rather than their purpose.
PA	9 characters that identify the Work Breakdown Structure Code. Only used by DIFMS.
SA	A character that identifies a further breakdown of the Operating Budget/Bureau Control Number at the Funds Administering Activity.
SUBH	4 characters that identify a subhead or limitation to the U.S. Treasury account number (basic symbol). The subhead is used to identify a subdivision of funds that restricts the amount or use of funds for a certain purpose or identifies sub-elements within the account for management purposes.
TDPT	2 characters that identify the Government agency transferring appropriations and/or funds to the DoD or a Service.
TT	2 characters that identify the transaction type (i.e., travel advance, progress payment).

Note: Because the MISIL FMS format map is always used for Foreign Military Sales (FMS) purposes, certain fields must contain particular characters in specific positions in order for

DTS to distinguish the LOA as a FMS LOA. Table R-22 shows where FMS characters must appear in MC LOAs.

Table R-22

REQUIRED VALUES FOR MISIL FMS FORMAT MAP			
Account Number	Positions	Field Name	Value in Positions
2	1-2	DEPT	97
2	4-5	TDPT	11
3	1	BFY	X
3	5-8	APPN	8242
8	6-8	FCN	Enter the FMS case identifier assigned for the identification, accounting, and data processing for each offer. This code is in the FMS contractual sales agreement between the U.S. and an eligible foreign country or international organization documented by a DD Form 1513 or a Letter of Offer and Acceptance.
8	10-11	LOC	Enter the country or international organizational code
8	13-15	FLN	Enter the detail line item on the Letter of Offer and Acceptance.

Refer to the DTA Manual, Chapter 8 for more information about FMS LOA values in DTS.

2.10 MSC, 10/13/2005

The Military Sealift Command (MSC) uses the Financial Management System (FMS) financial system.

The MSC format map layout in DTS:

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20		
ACCT 1	AAA						^															
ACCT 2	DEPT	^	TDPT	^	DFY	^																
ACCT 3	BFY	^	EFY	^	APPN			^	SUBH				^	OC				^				
ACCT 4	BCN				^	SA	^	AAA						^	TT		^					
ACCT 5	BPA	^	CI				^															
ACCT 6							^			^			^									
ACCT 7	CO															^						
ACCT 8					^																	
ACCT 9										^										^		
ACCT 10	IBOP			^	CC											^	ACRN		^			

Traditional LOA format: AA 97 X 4930 NH3P 000 77777 0 066001 2F T12345 SPAWARSYSCEN

The equivalent DTS Format:

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20		
ACCT 1	066001						^															
ACCT 2	97	^				^	04	^														
ACCT 3	X	^	^	4930			^	NH3P				^	000				^					
ACCT 4	77777				^	0	^	066001						^	2F		^					
ACCT 5	N	^	66001				^															
ACCT 6							^			^			^									
ACCT 7	G-00034-SP:NNPR															^						
ACCT 8					^																	
ACCT 9										^										^		
ACCT 10				^	SPAWARSYSCEN											^	AA		^			

Table R-23

MSC FORMAT MAP ELEMENTS (BY ACCOUNTING LINE)					
Acct Line	Position	Field Name	Acronym	Data	X12 Segment
1	1-6	Authorized Accounting Activity	AAA	6 AN	FA2 L1
2	1-2	Department Code	DEPT	2 AN	FA2 A1
	4-5	Transfer Department	TDPT	2 AN	FA2 A2
	7-8	Document Fiscal Year	DFY	2 AN	FA2 B4
3	1	Beginning Fiscal Year	BFY	1 AN	FA2 A3
	3	Ending Fiscal Year	EFY	1 AN	FA2 A9
	5-8	Appropriation Number	APPN	4 AN	FA2 A4
	9-13	Sub-head	SUBH	4 AN	FA2 A7
	15-18	Object Class	OC	3 AN	FA2 F1
4	1-5	Bureau Control Number	BCN	5 AN	FA2 D5
	7	Sub-Allotment Number	SA	1 AN	FA2 D7
	9-14	Authorized Accounting Activity	AAA	6 AN	FA2 P2
	16-17	Transaction Type	TT	2 AN	FA2 E4
5	1	Budget Program Activity	BPA	1 AN	FA2 B3
	3-7	Customer Indicator	CI	5 AN	FA2 E3
6	1-7	Not used			FA2 H1
	9-10	Not used			FA2 B5
	12-13	Not used			FA2 B2
7	1-15	Cost Object	CO	15 AN	FA2 G2
8	1-4	Not used			FA2 H4
9	1-9	Not used			FA2 P5
	11-17	Not used			FA2 G4
10	1-3	International Balance of Payments	IBOP	3 AN	FA2 P4
	5-16	Cost Code	CC	12 AN	FA2 D1
	18-19	Accounting Classification Reference Number	ACRN	2 AN	FA2 D4

Table R-24

MSC FORMAT MAP ELEMENT DEFINITIONS (ALPHABETICAL)	
Element	Definition
AAA	6 numbers that identify the Activity which is responsible for performing the official accounting and reporting for the funds.
ACRN	2 characters assigned by the document originator. In DTS, this field is left blank unless otherwise directed by the Component representative.
APPN	4 numbers that identify the type of funds being used.
BCN	5 characters that identify the operating budget holder, allotment, or organization having responsibility for managing a program.
BFY	1 character that identifies the first year the funds are available for obligation.
BPA	1 character, always "N", that identifies the Navy.
CC	12 characters that identify the source of information needed for preparation of reports that require detail below the funding level.
CI	5 numbers that identify the organizational unit to which an employee is officially assigned.
CO	15 characters that identify the locally assigned chargeable object (e.g., WBS element, Network Activity) to which the travel obligation/expenses are to be posted in the financial system of record.
DEPT	2 characters that identify the military department or government entity receiving the appropriation.
DFY	2 numbers that identify the fiscal year in which the travel is occurring. Used as the fiscal year in the Navy SDN for travel.
EFY	1 character that identifies the last year funds are available for obligation.
IBOP	3 characters that identify a country for IBOP transactions. The country codes are based on the Federal Information Processing Standards publications issued by the National Bureau of Standards.
LOC	2 characters that identify a country or international organizational code for FMS transactions.
SA	A character that identifies a further breakdown of the Operating Budget/Bureau Control Number at the Funds Administering Activity.
SUBH	4 characters that identify a subhead or limitation to the U.S. Treasury account number (basic symbol). The subhead is used to identify a subdivision of funds that restricts the amount or use of funds for a certain purpose or identifies sub-elements within the account for management purposes.
TDPT	2 characters that identify the Government agency transferring appropriations and/or funds to the DoD or a Service.
TT	2 characters that identify the transaction type (i.e., travel advance, progress payment).

2.11 NAVY 1, 8/01/2001

Organizations connected to the Standard Accounting and Reporting System – Field Level (STARS-FL), STARS – Headquarters Claimant Module (STARS-HCM), and STARS – One-Pay (STARS-OP) accounting systems use the Navy 1 format map.

The Navy 1 format map layout in DTS:

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
ACCT 1	AAA						^														
ACCT 2	DEPT	^	TDPT	^	DFY	^															
ACCT 3	BFY	^	EFY	^	APPN			^	SUBH				^	OC				^			
ACCT 4	BCN				^	SA	^	AAA					^	TT		^					
ACCT 5	BPA	^	CI				^														
ACCT 6	CAC						^	FC	^	BSN		^									
ACCT 7																					
ACCT 8	AC				^																
ACCT 9	PA									^	APC								^		
ACCT 10	IBOP			^	CC (JON)													^	ACRN		^

NOTE: No delimited need if Account Line is totally blank as in ACCT 7.

The traditional LOA Format:

17 02 2 2 1804.70BA 210 00070 0 045924 2D N 01234 12 000705M2309Q AA

The equivalent DTS Format:

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
ACCT 1	045924						^														
ACCT 2	17	^	^	^	02	^															
ACCT 3	2	^	2	^	1804			^	70BA				^	210				^			
ACCT 4	00070				^	0	^	045924					^	2D		^					
ACCT 5	N	^	1234				^														
ACCT 6							^			^	12		^								
ACCT 7																					
ACCT 8					^																
ACCT 9										^									^		
ACCT 10				^	000705M2309Q													^	AA		^

Table R-25

NAVY 1 LOA FORMAT MAP ELEMENTS (BY ACCOUNTING LINE)					
Acct Line	Financial Information	Acronym	Data Type	X12	Foot-note
1	Authorized Activity Address (Disbursing Station Number - Router)	AAA	AN6	FA2 L1	1
2	Department Code	DEPT	AN2	FA2 A1	
	Transfer Department	TDPT	AN2	FA2 A2	
	Document Fiscal Year	DFY	AN2		
3	Fiscal Year (Beginning Fiscal Year)	BFY	AN1	FA2 A3	
	Program Year Indicator (Ending Fiscal Year)	EFY	AN1	FA2 B4	
	Appropriation Number	APPN	AN4	FA2 A4	2
	Subhead	SUBH	AN4	FA2 A7	
	Object Class	OC	AN4	FA2 F1	
4	Bureau Control Number	BCN	AN5	FA2 D5	
	Sub-allotment Number	SA	AN1	FA2 D7	
	Authorized Accounting Activity	AAA	AN6	FA2 L1	
	Transaction Type	TT	AN2	FA2 E4	
5	Budget Program Activity (N for Navy)	BPA	AN1	FA2 B3	3
	Customer Indicator (Activity UIC)	CI	AN5	FA2 E3	
6	Cost Account Code	CAC	AN7	FA2 H1	4
	Fund Code	FC	AN2	FA2 B5	5
	Budget Sub-Activity Number	BSN	AN2	FA2 B2	6
8	Allocation Code	AC	AN4	FA2 H4	7
9	Project Account	PA	AN9	FA2 P5	8
	Account Processing Code	APC	AN7	FA2 G4	9
10	International Balance of Payments	IBOP	AN3	FA2 P4	10
	Cost Code (JON)	CC (JON)	AN12	FA2 D1	
	Accounting Classification Reference Number	ACRN	AN2	FA2 D4	11
Footnotes indicate element used by:		<p style="text-align: center;"><u>Systems for Which This Applies</u></p> STARS – Headquarters (STARS-HQ) STARS – FL Defense Working Capital Accounting System (DWAS) Defense Industrial Financial Management System (DIFMS) Industrial Fund Accounting System (IFAS) Navy Legacy Systems			
1. DTS to route transactions 2. all systems (Standard LOA Elements) 3. DTS to identify Service and Activity 4. STARS-HCM for OB UIC for RDT&E,N only 5. STARS-HCM for Major Claimant Code 6. STARS-FL for Work Center Code 7. IFAS for OTR-FLNC-CODE 8. DIFMS for WBS-CD 9. DIFMS IFAS/SYSMIS/MOMIS/RMS for shop number 10. Disbursing 11. All DON systems					

Table R-26

NAVY 1 LOA FORMAT MAP ELEMENT DEFINITIONS (ALPHABETICAL)	
Element	Definition
AAA	6 characters that identify the activity responsible for performing the official accounting and reporting of the funds.
AC	4 characters that identify the IFAS as data element OTR- FUNC-CODE object class This field is optional for DON/DISA sites.
ACRN	2 characters assigned by the document originator. In DTS, this field is left blank unless otherwise directed by the Component representative.
APC	7 characters used by DIFMS/ IFAS/SYSMIS/NOMIS/RIMS to identify the Shop Code.
APPN	4 numbers that identify the type of funds being used.
BCN	5 characters that identify the operating budget holder, allotment, or organization having responsibility for managing a program.
BFY	1 character that identifies the first year the funds are available for obligation.
BPA	1 character, always "N", that identifies the Navy.
BSN	2 characters that identify the unique shop level labor and material costs applicable to Public Works Departments. Only used for STARS-FL.
CAC	7 characters that identify the Operating Budget Unit Identification Code for RDT&E. Only used by STARS-HCM.
CC (JON)	12 characters that identify the source of information needed for preparation of reports that require detail below the funding level. It consists of the JON or other budget/cost execution data and varies by type of appropriation, system, or fleet/shore activity. It is the last element of the Navy accounting classification code.
CI	5 numbers that identify the organizational unit to which an employee is officially assigned.
DEPT	2 characters that identify the military department or government entity receiving the appropriation.
DFY	2 numbers that identify the fiscal year in which the travel is occurring. Used as the fiscal year in the Navy SDN for travel.
EFY	1 character that identifies the last year funds are available for obligation.
FC	2 characters that identify the major claimant. Only used in STARS-HCM.
IBOP	3 characters that identify a country for IBOP transactions. The country codes are based on the Federal Information Processing Standards publications issued by the National Bureau of Standards.
OC	4 numbers that identified transactions according to the nature of the goods procured or services performed rather than their purpose.
PA	9 characters that identify the Work Breakdown Structure Code. Only used by DIFMS.
SA	A character that identifies a further breakdown of the Operating Budget/Bureau Control Number at the Funds Administering Activity.
SUBH	4 characters that identify a subhead or limitation to the U.S. Treasury account number (basic symbol). The subhead is used to identify a subdivision of funds that restricts the amount or use of funds for a certain purpose or identifies sub-elements within the account for management purposes.
TDPT	2 characters that identify the Government agency transferring appropriations and/or funds to the DoD or a Service.
TT	2 characters that identify the transaction type (i.e., travel advance, progress payment).

2.12 NAVY ERP 1, 9/26/2006

Eventually all of the following systems will use the Navy's Enterprise Resource Planning (ERP) format map: Sigma, Navy Enterprise Automated Information System (NEMAIS), Cabrillo, and SPAWAR – San Diego. The format map is based on the Navy 1 format map (see section 2.11) with the following modifications:

Table R-27

NAVY ERP 1 FORMAT MAP ELEMENTS (BY ACCOUNTING LINE)				
Acct Line	Position	Field Name	Acronym	Navy LOA Description
6	1-12	Cost Code	CC	CC exists in Navy 1, 8/1/2001 as ACCT 10, positions 5- 16
7	1 - 19	Primary Chargeable Object	PCO	New element - Used by Navy ERP to identify the locally assigned primary real or statistical chargeable object. The primary chargeable object is required for posting of travel charges.
8	1	Primary Chargeable Object Type	PCOT	New element - Used by Navy ERP to identify the type of Primary Chargeable Object entered in ACCT7. Valid values include: "C" (cost center); "O" (Order); "N" (network activity); "W" (WBS).
9	1 - 19	Secondary Chargeable Object	SCO	New element - Used by Navy ERP to identify a locally assigned secondary statistical chargeable object to capture costs at an additional level from the primary chargeable object. A value is assigned when the user enters a "real" primary chargeable object and also wants to reflect the charges on a statistical chargeable object.
10	1	Secondary Chargeable Object Type	SCOT	New element - Used by Navy ERP to identify the type of Secondary Chargeable Object entered in ACCT9. Valid values include: "O" (Order); "W" (WBS).
	3 - 5	International Balance of Payments	IBOP	IBOP exists in Navy 1, 8/1/2001 as ACCT 10, positions 1-3.

2.13 NAVY FMS, 1/03/2005

The following Navy organizations use this format map for Foreign Military Sales (FMS) purposes:

- STARS – Headquarters (STARS-HQ)
- STARS – One-Pay (STARS-OP)
- Defense Industrial Finance Management System (DIFMS)
- Shipyard Maintenance Information System/Reserve Integrated Management System (SYMIS/RIMS)
- Integrated Finance and Accounting Solution (IFAS)
- Automated Disbursing System (ADS)
- Navy legacy systems

Navy FMS LOA element layout in DTS:

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
ACCT 1	AAA						^														
ACCT 2	DEPT	^	TDPT	^	DFY	^															
ACCT 3	BFY	^	EFY	^	APPN			^	SUBH				^	OC				^			
ACCT 4	BCN					^	SA	^	AAA					^	TT		^				
ACCT 5	BPA	^	CI				^														
ACCT 6	ACC/CAC						^	FC	^	BSN		^									
ACCT 7																					
ACCT 8	AC			^	FCN			^	LOC	^	FLN		^								
ACCT 9	PA									^	APC								^		
ACCT 10	IBOP			^	CC (JON)											^	ACRN		^		

The DTS Format:

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
ACCT 1	068342						^														
ACCT 2	97	^	11	^	04	^															
ACCT 3	X	^	X	^	8242			^	PN99				^	2100				^			
ACCT 4	EAE29					^	0	^	068342					^	2D		^				
ACCT 5	N	^	00039				^														
ACCT 6							^	5_	^			^									
ACCT 7																					
ACCT 8	AC			^	123			^	GE	^	01A		^								
ACCT 9										^									^		
ACCT 10				^	31000__0000											^	AA		^		

Table R-28

NAVY FMS FORMAT MAP ELEMENTS (BY ACCOUNTING LINE)				
Acct Line	Field Name	Acronym	Data	X12
1	Authorized Activity Address	AAA	6 AN	FA2*L1
2	Department Code	DEPT	2 AN	FA2*A1
	Transfer Department	TDPT	2 AN	FA2*A2
	Document Fiscal Year	DFY	2 AN	FA2*B4
3	Fiscal Year (Beginning Fiscal Year)	BFY	1 AN	FA2*A3
	Program Year Indicator (Ending Fiscal Year)	EFY	1 AN	FA2*A9
	Appropriate Number	APPN	4 AN	FA2*A4
	Subhead	SUBH	4 AN	FA2*A7
	Object Class	OC	4 AN	FA2*F1
4	Bureau Control Number	BCN	5 AN	FA2*D5
	Sub-allotment Number	SA	1 AN	FA2*D7
	Authorized Accounting Activity	AAA	6 AN	FA2*P2
	Transaction Type	TT	2 AN	FA2*E4
5	Budget Program Activity (N for Navy)	BPA	1 AN	FA2*B3
	Customer Indicator (Activity UIC)	CI	5 AN	FA2*E3
6	Auxiliary Cost Code (Cost Account Code)	ACC/CAC	7 AN	FA2*H1
	Fund Code	FC	2 AN	FA2*B5
	Budget Sub-Activity Number	BSN	2 AN	FA2*B2
8	Allocation Code	AC	4 AN	FA2*H4
	Foreign Military Sales (FMS) Case	FCN	3 AN	FA2*P5 (1-3)
	FMS Location (Country Code)	LOC	2 AN	FA2*P5 (4-5)
	FMS Line Item Number	FLN	3 AN	FA2*P5 (6-8)
9	Project Account	PA	9 AN	FA2*C4
	Account Processing Code	APC	7 AN	FA2*G4
10	International Balance of Payments	IBOP	3 AN	FA2*P4
	Cost Code (JON)	CC (JON)	12 AN	FA2*D1
	Accounting Classification Reference Number	ACRN	2 AN	FA2*D4
Note: FA2*P5 contains the FCN + LOC + FLN. No delimiter is needed if the Account Line is totally blank as in ACCT 7.				

Table R-29

NAVY FMS FORMAT MAP ELEMENT DEFINITIONS (ALPHABETICAL)	
Element	Definition
AAA	6 characters that identify the Activity responsible for performing the official accounting and reporting for the funds.
AC	4 characters that identify the IFAS as data element OTR- FUNC-CODE object class This field is optional for DON/DISA sites.
ACC/CAC	7 characters that identify three elements – the FMS Pricing Element + the Reimbursable Account Code + the Case Number for reporting via MISIL. Note: Only used by SPAWAR-HQ.
ACRN	2 characters assigned by the document originator. In DTS, this field is left blank unless otherwise directed by the Component representative.
APC	7 characters used by DIFMS/ IFAS/SYSMIS/NOMIS/RIMS to identify the Shop Code.
APPN	4 numbers that identify the type of funds being used.
BCN	5 characters that identify the operating budget holder, allotment, or organization having responsibility for managing a program.
BFY	1 character that identifies the first year the funds are available for obligation.
BPA	1 character, always “N”, that identifies the Navy.
BSN	2 characters that identify the unique shop level labor and material costs applicable to Public Works Departments. Only used for STARS-FL.
CI	5 numbers that identify the organizational unit to which an employee is officially assigned.
DEPT	2 characters that identify the military department or government entity receiving the appropriation.
DFY	2 numbers that identify the fiscal year in which the travel is occurring. Used as the fiscal year in the Navy SDN for travel.
EFY	1 character that identifies the last year funds are available for obligation.
FC	2 characters that identify the major claimant. Only used in STARS-HCM.
FCN	3 characters that identify an FMS contractual sales agreement between the U.S. and an eligible foreign country or international organization documented by a DD Form 1513 or a Letter of Offer and Acceptance. An FMS case identifier is assigned for identification, accounting, and data processing.
FLN	3 characters that identify a detail line item on the Letter of Offer and Acceptance.
IBOP	3 characters that identify a country for IBOP transactions. The country codes are based on the Federal Information Processing Standards publications issued by the National Bureau of Standards.
ICC (JON)	12 characters that identify the source for information needed for preparation of reports that require detail below the funding level.
LOC	2 characters that identify a country or international organizational code for FMS transactions.
OC	4 numbers that identified transactions according to the nature of the goods procured or services performed rather than their purpose.
PA	9 characters that identify the Work Breakdown Structure Code. Only used by DIFMS.
SA	A character that identifies a further breakdown of the Operating Budget/Bureau Control Number at the Funds Administering Activity.
SUBH	4 characters that identify a subhead or limitation to the U.S. Treasury account number (basic symbol). The subhead is used to identify a subdivision of funds that restricts the amount or use of funds for a certain purpose or identifies sub-elements within the account for management purposes.
TDPT	2 characters that identify the Government agency transferring appropriations and/or funds to the DoD or a Service.
TT	2 characters that identify the transaction type (i.e., travel advance, progress payment).

Note: Because the MISIL FMS format map is always used for Foreign Military Sales (FMS) purposes, certain fields must contain particular characters in specific positions in order for DTS to distinguish the LOA as a FMS LOA. Table R-22 shows where FMS characters must appear in MC LOAs.

Table R-30

REQUIRED VALUES FOR NAVY FMS FORMAT MAP			
Account Line	Positions	Acronym	Value in Positions
2	1-2	DEPT	97
	4-5	TDPT	11
3	1	BFY	X
	5-8	APPN	8242
8	6-8	FCN	Enter the country or international organizational code for FMS transactions.
	10-11	LOC	Enter the FMS case identifier assigned for the identification, accounting, and data processing for each offer. This code is in the FMS contractual sales agreement between the U.S. and an eligible foreign country or international organization documented by a DD Form 1513 or a Letter of Offer and Acceptance.
	13-15	FLN	Enter the detail line item on the Letter of Offer and Acceptance.

Refer to the DTA Manual, Chapter 8 for more information about FMS LOA values in DTS.

2.14 NRL 1, 6/08/2006

The Naval Research Laboratory (NRL) uses the Integrated Automated Management Processing Systems (IMPS) financial system.

The NRL 1 format map generally follows the SAP 1 format map (see section 2.15), although it has three modifications.

Table R-31

ELEMENT ADJUSTMENTS TO THE SAP 1 FORMAT MAP FOR NRL USE				
Acct Line	Position	Field Name	Acronym	Adjustment
2	7-8	Fiscal Year	FY	Uses the current FY Trip Departure Date of the initial document approved when date is <10 mos. Uses next FY if date is >10 mos.
5	1	Budget Program Activity	BPA	N (for Navy) is used Acct5, Position 1
	2-6	Customer Indicator	CI	(CI) changes from Acct 5, positions 3-7 to Acct 5, Positions 2-6

2.15 SAP 1, 3/10/2004

The SPAWAR Systems Center – San Diego (SSC-SD) uses the Systems Applications and Products (SAP) format map.

The SAP 1 format map layout in DTS:

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20		
ACCT 1	AAA						^															
ACCT 2	DEPT	^	TDPT	^	DFY	^																
ACCT 3	BFY	^	EFY	^	APPN			^	SUBH				^	OC				^				
ACCT 4	BCN				^	SA	^	AAA						^	TT	^						
ACCT 5	BPA	^	CI				^															
ACCT 6								^			^			^								
ACCT 7	CO															^						
ACCT 8						^																
ACCT 9										^										^		
ACCT 10	IBOP			^	CC											^	ACRN	^				

The traditional LOA Format:

AA 97 X 4930 NH3P 000 77777 0 066001 2F T12345 SPAWARSSYSCEN

Note: Value shown in PAA field 'T12345' represents the Tango Number. Users do not enter a value in this field—it is system generated.

The equivalent DTS Format:

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20		
ACCT 1	066001						^															
ACCT 2	97	^				^	04	^														
ACCT 3	X	^			^	4930			^	NH3P				^	000				^			
ACCT 4	77777					^	0	^	066001						^	2F	^					
ACCT 5	N	^	66001				^															
ACCT 6								^			^			^								
ACCT 7	G_00034-SP:NNPR															^						
ACCT 8						^																
ACCT 9										^										^		
ACCT 10				^	SPAWARSSYSCEN											^	AA	^				

Table R-32

SAP 1 FORMAT MAP ELEMENTS (BY ACCOUNTING LINE)					
Acct Line	Position	Field Name	Acronym	Data	X12 Segment
1	1-6	Authorized Accounting Activity	AAA	6 AN	FA2 L1
2	1-2	Department Code	DEPT	2 AN	FA2 A1
	4-5	Transfer Department	TDPT	2 AN	FA2 A2
	7-8	Document Fiscal Year	DFY	2 AN	FA2 B4
3	1	Beginning Fiscal Year	BFY	1 AN	FA2 A3
	3	Ending Fiscal Year	EFY	1 AN	FA2 A9
	5-8	Appropriation Number	APPN	4 AN	FA2 A4
	9-13	Sub-head	SUBH	4 AN	FA2 A7
	15-18	Object Class	OC	3 AN	FA2 F1
4	1-5	Bureau Control Number	BCN	5 AN	FA2 D5
	7	Sub-Allotment Number	SA	1 AN	FA2 D7
	9-14	Authorized Accounting Activity	AAA	6 AN	FA2 P2
	16-17	Transaction Type	TT	2 AN	FA2 E4
5	1	Budget Program Activity	BPA	1 AN	FA2 B3
	3-7	Customer Indicator	CI	5 AN	FA2 E3
6	1-7	Not used			FA2 H1
	9-10	Not used			FA2 B5
	12-13	Not used			FA2 B2
7	1-15	Cost Object	CO	15 AN	FA2 G2
8	1-4	Not used			FA2 H4
9	1-9	Not used			FA2 P5
	11-17	Not used			FA2 G4
10	1-3	International Balance of Payments	IBOP	3 AN	FA2 P4
	5-16	Cost Code	CC	12 AN	FA2 D1
	18-19	Accounting Classification Reference Number	ACRN	2 AN	FA2 D4

Note: FA2 P2 is only mapped to X12 for CBA invoices.

Table R-33

SAP 1 FORMAT MAP ELEMENT DEFINITIONS (ALPHABETICAL)	
Element	Definition
AAA	6 numbers that identify the Activity which is responsible for performing the official accounting and reporting for the funds.
ACRN	2 characters assigned by the document originator. In DTS, this field is left blank unless otherwise directed by the Component representative.
APPN	4 numbers that identify the type of funds being used.
BCN	5 characters that identify the operating budget holder, allotment, or organization having responsibility for managing a program.
BFY	1 character that identifies the first year the funds are available for obligation.
BPA	1 character, always "N", that identifies the Navy.
CC	12 characters that identify the source of information needed for preparation of reports that require detail below the funding level.
CI	5 numbers that identify the organizational unit to which an employee is officially assigned.
CO	15 characters that identify the locally assigned chargeable object (e.g., WBS element, Network Activity) to which the travel obligation/expenses are to be posted in the financial system of record.
DEPT	2 characters that identify the military department or government entity receiving the appropriation.
DFY	2 numbers that identify the fiscal year in which the travel is occurring. Used as the fiscal year in the Navy SDN for travel.
EFY	1 character that identifies the last year funds are available for obligation.
IBOP	3 characters that identify a country for IBOP transactions. The country codes are based on the Federal Information Processing Standards publications issued by the National Bureau of Standards.
LOC	2 characters that identify a country or international organizational code for FMS transactions.
SA	A character that identifies a further breakdown of the Operating Budget/Bureau Control Number at the Funds Administering Activity.
SUBH	4 characters that identify a subhead or limitation to the U.S. Treasury account number (basic symbol). The subhead is used to identify a subdivision of funds that restricts the amount or use of funds for a certain purpose or identifies sub-elements within the account for management purposes.
TDPT	2 characters that identify the Government agency transferring appropriations and/or funds to the DoD or a Service.
TT	2 characters that identify the transaction type (i.e., travel advance, progress payment).

2.16 SDDC—AF, 5/12/2006

Organizations that use the Traffic Financial Management System – MTMC (TFMS-M) use Surface Deployment and Distribution Command (SDDC) format maps. These are based on the AF 1 and Army 1 format maps, although several data elements differ.

The SDDC – AF format map layout in DTS:

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
ACCT 1	ADSN						^														
ACCT 2	DEPT	^	TA	^	F	Y	^	APPR			^	LIMIT				^					
ACCT 3	FC	^	P	Y	^																
ACCT 4	QA	^	OBAN	^	CCC						^	BA	^								
ACCT 5	EOR					^	CDC			^	CC	^	LINE#		^						
ACCT 6	FAC(CHILD)				^	C+SC				^	SMC/CSN					^					
ACCT 7	ADSN					^	ES	P	^												
ACCT 8	FAC(PARENT)						^	FCA						^							
ACCT 9	IBOP	^																			
ACCT 10	TASK											^	EAC		^	COC		^			

Table R-34

SDDC – AF FORMAT MAP ELEMENTS (BY ACCOUNTING LINE)						
Acct Line	Position	Acronym	Type	Data Type	X12 Segment	DCMS
1	1-6	ADSN	6 AN	6 AN	FA2 L1	
2	1-2	DEPT	2 AN	2 AN	FA2 A1	Not Passed
	4-5	TA		2 AN	FA2 A2	
	7	FY	1 AN	1 AN	FA2 A3	Not Passed
	9-12	APPR	4 AN	4 AN	FA2 A4	Not Passed
	14-17	LIMIT	4 AN	4 AN	FA2 A7	Not Passed
3	1-2	FC	2 AN	2 AN	FA2 B5	
	4	PY	1 AN	1 AN	FA2 B4	Not Passed
4	1-2	OA	2 AN	2 AN	FA2 D4	
	4-5	OBAN		2 AN	FA2 E4	
	7-12	CCC	4 AN	6 AN	FA2 D1	
	4-5	DA		2 AN	FA2 D1	
5	1-6	EOR	4 AN	6 AN	FA2 C4	
	8-10	CDC		3 AN	FA2 P5 (1-3)	
	12-13	CC		2 AN	FA2 F5 (1-5)	
	15-17	Line #		3 AN	FA2 P5 (6-8)	
6	1-6	FAC (Child)	4 AN	6 AN	FA2 F4	
	8-10	SC		3 AN	FA2 E2	
	12-17	SMC/CSN		6 AN	FA2 H1	
7	1-6	ADSN	6 AN	6 AN	FA2 G3	
	8-9	ESP		2 AN	FA2 G3	
8	1-8	FAC (Parent)	4 AN	8 AN	FA2 H5	Not Passed
	10-15	FCA	5 AN	6 AN	FA2 G1	Not Passed
9	1-3	IBOP		3 AN	FA2 P4	
10	1-2	TASK	6 AN	12 AN	FA2 G4/H4	
	14-16	EAC	3 AN	3 AN	FA2 G2	Not Passed
	18-19	CNTR-OTH-CA		2 AN	FA2 C3	

2.17 SDDC—ARMY, 5/12/2006

Organizations that use the Traffic Financial Management System – MTMC (TFMS-M) use Surface Deployment and Distribution Command (SDDC) format maps. These are based on the AF 1 and Army 1 format maps, although several data elements differ.

The SDDC – Army format map layout in DTS:

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
ACCT 1	FSN						^														
ACCT 2	DEPT	^	FY				^	BSN				^	LMT				^	PY	^		
ACCT 3	OA	^	ASN				^	RSC				^	ODC	^							
ACCT 4	AMSCO(CHILD)											^	FCA				^				
ACCT 5	MDEP			^	SODP			^	EOR				^								
ACCT 6	TASK											^	CCC							^	
ACCT 7	EAC		^	TDC		^	FSN						^								
ACCT 8	TF	^	LOC	^	FCN		^	FLN		^	IBOP				^						
ACCT 9	AMSCO(PARENT)																		^		
ACCT 10	PPC-S/JON						^	RC	^	N	^										

Table R-35

SDDC – ARMY FORMAT MAP ELEMENTS (BY ACCOUNTING LINE)							
Acct Line	Position	Field Name	Acronym	Data Type	Army	X12 Segment	DCAS
1	1-6	Fiscal Station Number	FSN	6 AN	6 AN	FA2 L1	
2	1-2	Department Code	DEPT	2 AN	2 AN	FA2 A1	
	6-7	Fiscal Year	FY	4 AN	4 AN	FA2 A3	
	9-12	Basic Symbol Number	BSN	4 AN	4 AN	FA2 A4	
	14-17	Limitation	LMT	4 AN	4 AN	FA2 A7	
	19	Program Year	PY	1 AN	1 AN	FA2 B4	
3	1-2	Operating Agency	OA	2 AN	2 AN	FA2 D4	
	4-7	Allotment Serial Number	ASN	4 AN	4 AN	FA2 D6	
	9-12	NOT USED	RSC	4 AN	4 AN	FA2 E1	
	14-15	NOT USED	ODC		2 AN	FA2 E2	
4	1-11	Army Management Structure Code – Child	AMSCO (CHILD)	11 AN	11 AN	FA2 B3	
	13-17	Functional Cost Account	FCA	5 AN	5 AN	FA2 C4	Not Passed
5	1-4	Management Decision Package	MDEP		4 AN	FA2 G3	Not Passed
	6-9	NOT USED	SODP		4 AN	FA2 G2	
	11-4	Element of Resource	EOR	4 AN	4 AN	FA2 F4	
6	1-12	Task	TASK	8 AN	12 AN	FA2 G4	
	14-19	Cost Center Code	CCC	4 AN	6 AN	FA2 D1	
7	1-3	Expense Account Code	EAC	3 AN	3 AN	FA2 B5	Passed as Zero
	9-14	NOT USED	TDC		3 AN	FA2 P2	
	9-14	Fiscal Station Number	FSN	6 AN	6 AN	FA2 P2	
8	1-2	NOT USED	TF	4 AN	2 AN	FA2 A2	
	4-5	NOT USED	LOC	5 AN	2 AN	FA2 P5 (1-2)	
	7-9	NOT USED	FCN		3 AN	FA2 P5 (3-5)	
	11-13	NOT USED	FLN		3 AN	FA2 P5 (6-8)	
9	1-18	Army Management Structure Code – Parent	AMSCO (PARENT)	11 AN	18 AN	FA2 H1	Not Passed
10	1-8	NOT USED	PPC/s- JON		8 AN	FA2 G1	
	10	NOT USED	RCN		1 AN	FA2 D5	

Note: DTS will generate the Standard Document Number (SDN) using the six-digit TANUM.

2.18 SFIS, v3.4

Defense Agencies that are connected to the Comptroller Automated Budget System (CABS), the Defense Agencies Initiative (DAI), and the General Fund Enterprise Business System (GFEBs) finance systems use the Standard Financial Information Structure (SFIS) format map.

The SFIS format map layout in DTS:

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
ACCT 1	AAID						^	DRPT REG			^	DEPT TRS			^	MN ACCT					^
ACCT 2	SUB ACCT		^	AFY								^	CUST		^						
ACCT 3	CASE		^	LINE			^														
ACCT 4	BLII															^					
ACCT 5	FCI															^					
ACCT 6	CO															^	COT		^		
ACCT 7	CO2																			^	
ACCT 8	CO2 CONT				^	COT2		^	LIMIT				^								
ACCT 9	FUTURE USE																			^	
ACCT 10	USER DEFINED FIELD																			^	

Table R-36

SFIS v3.4 FORMAT MAP ELEMENTS (BY ACCOUNTING LINE)					
Acct Line	Position	Field Name	Acronym	SFIS Key	Data
1	1-6	Agency Accounting Identifier Code	AAID	O3	6N
	8-10	Department Regular Code	DEPT RG	A1	3N
	12-14	Department Transfer Code	DEPT TRS	A2	2N
	16-19	Main Account code	MN ACCT	A3	4N
2	1-3	Sub Account Code	SUB ACCT	A4	3N
	5-12	Period of Availability Fiscal Year Date	AFY	A8	8AN
	14-15	FMS Customer Code	CUST	T21	2AN
3	1-3	FMS Case Identifier	CASE	T22	3AN
	5-7	FMS Case Line Item Identifier	LINE	T23	3N
4	1-16	Budget Line Item Identifier	BLII	B4	16AN
5	1-16	Fund Center Identifier	FCI	CA1	16AN
6	1-16	Cost Object	CO	CA3, CA4, CA5, CA7	16AN
	18-19	Cost Object Type	COT	CTY	2AN
7	1-19	Cost Object	CO2	CA3, CA4, CA5, CA7	19AN
8	1-5	Cost Object	CO2 CONT	CA3, CA4, CA5, CA7	5AN
	7-8	Cost Object Type	COT2	CTY	2AN
	10-13	Appropriation Limit	LIMIT	APPN LMT	4AN
9	1-19	Future Use			
10	1-19	User Defined Field	UDG		

Table R-37

SFIS v3.4 FORMAT MAP ELEMENT DEFINITIONS (ALPHABETICAL)	
Element	Definition
AAID	6 characters that identify the organization responsible for providing field level accounting support within DoD. It may be the identification of a Field Site or unique accounting installation that supports the budget execution of a specific base, post, camp or station.
DEPT RG	3 characters that identify the government agency accountable for one or more fund accounts established and maintained by the Treasury.
DEPT TRS	3 characters that identify the Federal Agency transferring budget or obligational authority to the DoD or one of its components.
MIN ACCT	4 numbers that identify a specific appropriation or fund account established by the U.S. Treasury for expenditure or receipt authority issued by the U.S. Congress. The 1 st digit classifies the fund type, followed by the account number. Reference Treasury Financial Manual Supplement titled Federal Account Symbols and Titles.
SUB ACCT	3 characters that identify subsidiary level accounts associated to the main account of the TAFS. It might indicate a series of subsidiary level receipt accounts or special subsidiary level accounts requested for use by an agency and approved by the U.S. Treasury. Sub Account balances aggregate to the main account balance. The Sub Account has the potential for several relationships to the Main Account.
AFY	8 numbers that identify the period in which new obligations can be incurred for a main account within a TAFS. This breaks out to 4 digits for the beginning fiscal year and 4 for the ending fiscal year. No-year funding is identified by XXXX instead of the end fiscal year digits.
CUST	2 characters that identify the country receiving the product and/or service in the FMS transaction.
CASE	3 characters that identify an FMS contractual sales agreement (Letter of Offer and Acceptance) between the U.S. and an eligible foreigncountry.
LINE	3 characters that identify a detailed line item requirement contained within the (Letter of Offer and Acceptance).
BLII	16 characters that identify sub-divisions of the Treasury Account Fund Symbol appropriation, below the Budget Sub Activity Level.
CO, CO2, CO2 CONT	Three elements totaling 40 characters that identify the Cost Center, Activity, Project Identifier, and Work Order Number.
COT, COT2	Two elements totaling 4 characters that provide a more detailed definition of cost types below the Object Class/Object Sub-class level.
APP LIMIT	4 characters that identify restrictions on the availability of funds or the authority to obligate or expend appropriations for certain objects or purposes.
FUTURE USE	19 characters reserved in the event future SFIS or other accounting rules require it.
USER DEFINED	19 characters used for system specific needs.

Note: When a LOA is set up for Foreign Military Sales (FMS) purposes, certain fields must contain particular characters in specific positions in order for DTS to distinguish the LOA as a FMS LOA. Table R-38 shows where FMS characters must appear in MC LOAs.

Table R-38

VALUES FOR SFIS v3.4 FORMAT MAP USED FOR FMS			
Account Number	Positions	Field Name	Value in Positions
1	8-10	DEPT RG	097
	12-14	DEPT TRS	011
	16-19	MN ACCT	8242
2	5-12	AFY	YYYYXXX
2	14-15	CUST	Empty value
3	1-3	CASE	Empty value

Refer to the DTA Manual, Chapter 8 for more information about FMS LOA values in DTS.

2.19 WAAS 1, 8/07/2002

The Washington Headquarters Service (WHS), Defense Finance and Accounting Service (DFAS), Defense Information Systems Agency, (DISA), and DoD Education Activity (DoDEA) use the the Washington Area Allotment System (WAAS) 1 format map.

The WAAS 1 format map layout in DTS:

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
ACCT 1	FSN						^														
ACCT 2	DEPT	^	FY				^	BSN				^	LIMT				^	PY	^		
ACCT 3	PP									^	ORC							^			
ACCT 4	OC			^	FSN							^									
ACCT 5	APC+DPI					^	CCC						^	ORGID	^						
ACCT 6																					
ACCT 7																					
ACCT 8																					
ACCT 9	IBOP			^																	
ACCT 10																					

===== WHS example =====

Traditional LOA format: 9720100.1120 T601 0101 2101 2102 S49447 DSTD2T601

Note: PY '2' and PP '00000' omitted

The equivalent DTS Format:

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
ACCT 1	49447						^														
ACCT 2	97	^	2002				^	100				^	1120				^	2	^		
ACCT 3	00000									^	10 1							^			
ACCT 4	2101			^	49447							^									
ACCT 5	96JU97					^	9796JU						^	DS	^						
ACCT 6																					
ACCT 7																					
ACCT 8																					
ACCT 9				^																	
ACCT 10																					

==== DFAS example =====

Traditional LOA format: 9720100.1220 P2009 4001 2101 2102 S12123 DJTD20001
Note: PY '2' omitted

The equivalent DTS Format:

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
ACCT 1	12123						^														
ACCT 2	97	^	2002			^	100			^	1120				^	2	^				
ACCT 3	P2009									^	4010 1						^				
ACCT 4	2101			^	12123						^										
ACCT 5	9JAA97						^	979JAA						^	DJ	^					
ACCT 6																					
ACCT 7																					
ACCT 8																					
ACCT 9						^															
ACCT 10																					

==== DISA example =====

Traditional LOA format: 9720100.4300 P226MBNZ0 JT9H19 2101 2102
 DDTD26789 84250 **Note:** PY '2' omitted

The equivalent DTS Format:

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
ACCT 1	842500						^														
ACCT 2	97	^	2002 2			^	100			^	3400				^	2	^				
ACCT 3	P226MBNZ0									^	JT9H19 1						^				
ACCT 4	2101			^	842500						^										
ACCT 5	WAB197						^	97WAB1						^	DD	^					
ACCT 6																					
ACCT 7																					
ACCT 8																					
ACCT 9						^															
ACCT 10																					

===== DoDEA example =====

Traditional LOA format: 9720100.6010 P5280 1300 2101 2102 DETA20823A2UFW
049451 **Note:** PY '2' omitted

The equivalent DTS Format:

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
ACCT 1	049451						^														
ACCT 2	97	^	2002			^	100			^	6010			^	2	^					
ACCT 3	P5280									^	1300 1						^				
ACCT 4	2101			^	49451						^										
ACCT 5	99DA97						^	9799DA						^	DE	^					
ACCT 6																					
ACCT 7																					
ACCT 8																					
ACCT 9						^															
ACCT 10																					

Table R-39

WAAS 1 FORMAT MAP ELEMENTS (BY ACCOUNTING LINE)					
Acct Line	Position	Field Name	Acronym	Data Type	FA2 / Segment
1	1-6	Fiscal Station Number	FSN	6 AN	L1
2	1-2	Department Code	DEPT	2 AN	A1
2	4-7	Fiscal Year	FY	4 AN	A3
2	9-12	Basic Symbol Number	BSN	4 AN	A4
2	14-17	Limit	LIMIT	4 AN	A7
2	19	Program Year	PY	1 N	B4
3	1-9	Program Project	PP	9 AN	B3
3	11-16	Organization Responsibility Code	ORC	6 AN	H1
4	1-4	Object Class Code	OC	4 AN	F4
4	6-11	Fiscal Station Number	FSN	6 AN	L1
5	1-6	Account Processing Code + DPI Code	APC+DPI	6 AN	G4
5	8-13	Cost Center Code	CCC	6 AN	D1
5	15-16	Organizational ID	ORGID	2 AN	E3
9	1-4	IBOP	IBOP	4 AN	P4

Table R-40

WAAS 1 FORMAT MAP ELEMENT DEFINITIONS (ALPHABETICAL)	
Element	Definition
APC+DPI	6 characters (4 for APC + 2 for DPI). For WAAS, DPI is normally "97".
BSN	4 characters that identify the type of funds being used.
CCC	6 characters that identify disbursements. Must match the codes in APC + DPI but in reverse order.
DEPT	2 characters that identify the government agency receiving the funds
FSN	6 characters that identify the activity responsible for performing the accounting for these funds.
FY	4 characters that identify the first year funds are available for obligation.
IBOP	4 characters that are reserved for use when required in the future.
LIMT	4 characters that identify the DoD Component receiving the allocation of funds.
OC	4 characters that identify the type of goods or services being purchased.
ORC	4 S characters that identify the division or office using the funds.
ORGID	2 characters that identify the DoD Agency.
PP	9 characters that identify specific projects or initiatives.
PY	1 number that represents the actual fiscal year the funds are available, particularly for an X year appropriation.

2.20 eBiz 2, 2/20/2003

Defense Agencies that are connected to the Electronic Business (eBiz) finance system use the eBiz 2 format map.

The eBiz 2 format map layout in DTS:

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
ACCT 1	FSN						^														
ACCT 2	DEPT	^	FY			^	BS			^	DALO				^						
ACCT 3	MCLO		^	FLO			^	OC/OSC							^						
ACCT 4	PPC			^	SIPC			^													
ACCT 5	APC(1)	^	APC(2)	^	FSN					^											
ACCT 6	PROJ						^	WC						^							
ACCT 7	BFY	^																			
ACCT 8																					
ACCT 9	IBOP			^																	
ACCT 10	JOCC												^	ACRN		^					

Traditional LOA format: 97200320034930 5L2P ADADC VPY COCL 210TP00
03310000Y2K1 ARMY 033186 C2VY VPYCO3YA001

The equivalent DTS Format:

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
ACCT 1	033186						^														
ACCT 2	97	^	XXXX			^	4930			^	5L28				^						
ACCT 3	VPY		^				^	210TP00							^						
ACCT 4	Y2K1			^	ARMY			^													
ACCT 5	CZ	^	VY	^	033186					^											
ACCT 6	03310000						^	ADADC						^							
ACCT 7	2003	^																			
ACCT 8																					
ACCT 9				^																	
ACCT 10	VPYCO3YA001												^			^					

Table R-41

EBIZ 2 FORMAT MAP ELEMENTS (BY ACCOUNTING LINE)						
Acct Line	Position	Acronym	Type	Data Type	X12 Segment	
1	1-6	Accounting Installation	FSN	6 AN		
2	1-2	Department Code	DEPT	2 AN		
	4-7	Fiscal Year	FY	4 AN		
	9-12	Basic Symbol	BS	4 AN		
	14-17	Defense Agency Level Organization	DALO	4 AN	FA2 A7	D1
3	1-3	Major Command Level Organization	MCLO	3 AN	FA2 D6	D2
	5-8	Field Level Organization	FLO	4 AN	FA2 H1	D3
	10-16	Object Class/Object Sub-Class	OC/OSC	7 AN	FA2 F1	F1/F2
4	1-4	Program/Planning Code	PPC	4 AN	FA2 E3	G1
	6-9	Special Interest/Program Cost Code	SIPC	4 AN	FA2 G2	G2
5	1-2	First 2 positions of APC	APC(1)	2 AN	FA2 D1	N/A
	4-5	Last 2 positions of APC	APC(2)	2 AN	FA2 B5	N/A
	7-12	Accounting Installation	FSN	6 AN	FA2 L1	L1
6	1-8	Project/Task/Budget Sub-line	PROJ	8 AN	FA2 C4	B4
	10-16	Work Center	WC	7 AN	FA2 B2	D4
7	1-4	Budget Fiscal Year	BFY	4 AN	FA2 A3	A3
9	1-4	International Balance of Payments	IBOP	4 AN	FA2 P4	
10	1-13	Job Order Cost Code	JOCC	13 AN	FA2 G1	H1
	15-16	Assigned Number	ACRN	2 AN	ENT01/IT101	

Table R-42

EBIZ 2 FORMAT MAP ELEMENT DEFINITIONS (ALPHABETICAL)	
Element	Definition
ACRN	2 characters that identify the line of accounting (LOA) cited on the document.
APC(1)	The first 2 characters of a 4-character code used as an accounting shorthand.
APC(2)	The last 2 characters of a 4-character code used as an accounting shorthand.
BFY	4 numbers that identify the budget year funds are available for obligation.
BS	4 characters that identify the U.S. Treasury account number assigned to the appropriated funds.
DALO	4 characters that identify the Defense Agency.
DEPT	4 characters that identify the military department or government entity receiving the appropriated funds.
FLO	4 characters that identify the geographic location of the DFAS cost center
FSN	6 characters that identify the activity responsible for performing the official accounting and reporting for the funds.
FY	4 characters that identify the year, funds are available for obligation.
IBOP	4 characters that identify the benefiting foreign country.
JOCC	13 characters that identify job costs associated with reimbursable work orders.
MCLO	3 characters that identify the major command level organization.
OC/OSC	7 characters that identify a budget execution transaction and Object Sub-Class code indicating the object of expense (a classification of goods or services) funds for the transaction.
PPC	8 characters that identify the program output or other capability to improve mission performance or further a specified mission or objectives.
PROJ	8 characters that identify additional sub-divisions of the U. S. Treasury account.
SIPC	4 characters that identify the accounting and reporting for cost incurred during an emergency or in support of a special program.
WC	7 characters that identify a specific responsibility center that carries out the mission, conducts a major line of activity, or produces one or more outputs.

3 LOA Data Elements for CICs

DTS creates a Customer Identification Codes (CICs) for an authorization after APPROVED, and after the generation of the Standard Document Number (SDN). For group authorizations, DTS creates the CIC when the system creates the individual authorizations. It always associates the CIC to individual authorizations not the group authorization.

For authorizations with multiple LOAs:

- If the LOAs are from the same fiscal year, DTS uses the first LOA (alphabetically) to create the CIC. For example, if an authorization contains the LOAs 18 Default and 18 Training when the AO approves is, DTS creates the CIC based on the LOA 18 Default.
- If the LOAs are from different fiscal years, DTA creates a separate CIC for each fiscal year.

If an imported authorization contains a CIC, DTS will use that CIC – it won't create a new one at APPROVED.

If the LOA is missing any elements needed to create the CIC, DTS uses a "0" in those places in the CIC.

The CIC displays on the document's Preview Trip screen, and is printed on both the DD form 1610 (Govt + Form) in block 12 and the DTS default form in section 5.

The remaining sections in this chapter describe the LOA elements used to generate the CIC for each LOA.

3.1 Air Force LOA

- Position 1: Always 4
- Position 2:
 - If the APPR is 3400, 4
 - If the APPR is 3600, 6
 - If the APPR is 3700, 7
 - If the APPR is 3840: P
 - If the APPR is 3850: Q
- Positions 3: The last position of the FY
- Positions 4-5: The OAC

- Positions 6-9:
 - If the APPR is 3400, the BA + positions 3-4 of the RC/CC
 - If the APPR is 3600, the last 4 positions of the BPAC
 - If the APPR is 3700, 7 + the last 3 positions of the BPAC
 - If the APPR is 3840, the BA + positions 3-4 of the RC/CC
 - If the APPR is 3850, the last 4 positions of BPAC
- Positions 10-15: The 1st 4 positions of the ADSN + the OBAN

3.2 Army LOA (for STANFINS)

- Position 1: Always 2
- Position 2: The last position of the FY
- Positions 3-4: The last 2 positions of the BSN
- Positions 5-10: The OA + the APC
- Positions 11-15: The last 5 positions of the FSN

3.3 Army LOA (for SOMARDS)

- Position 1: Always 2
- Position 2: The last position of the FY
- Positions 3-4: The last 2 positions of the BSN
- Positions 5-10: The JON
- Positions 11-15: The last 5 positions of the FSN

3.4 Army LOA (for Corps of Engineers)

- Position 1-4: Always 2X2T
- Positions 5-10: The TANUM
- Positions 11-15: The last 5 positions of the FSN

3.5 Navy LOA (all, to include SAP, MSC, and MISIL FMS)

- Position 1: Always 3
- Position 2: The last position of the FY
- Positions 3-7: Positions 11-15 of the SDN
- Positions 8-13: Positions 1-6 of the SDN
- Positions 14-15: Positions 7-8 of the SDN

3.6 USMC LOA

- Positions 1-15: The SDN

3.7 DoD for Air Force LOA for OEF/OIF

When traditional LOA starts with 97*0100.56SFSC*30:

- Positions 1-3: Always 1SB
- Position 4: The last position of the FC/PY
- Positions 5-6: The OAC
- Positions 7-8: The middle 2 positions of the RC/CC
- Position 9: The last position of the BA
- Positions 10-13: The 1st 4 positions of the ADSN
- Positions 14-15: The OBAN

When traditional LOA starts with 97*0100.56SFSC*52:

- Positions 1-3: Always 1SC
- Position 4: The last position of the FC/PY
- Positions 5-6: The OAC
- Positions 7-8: The middle 2 positions of the RC/CC
- Position 9: The last position of the BA
- Positions 10-13: The 1st 4 positions of the ADSN
- Positions 14-15: The OBAN

3.8 DoD for Army LOA for OEF/OIF

When traditional LOA starts with 97*0100.56SA:

- Positions 1-2: Always 1S
- Position 3: The last position of the FY
- Positions 4-5: The OA
- Positions 6-9: The 4 APC
- Position 9: The last position of the BAC
- Position 10: Always 0
- Positions 11-15: The last 5 positions of the FSN

3.9 TWCF (Transportation Working Capital Funds) LOA

When traditional LOA starts with 97X4930.FD:

- Position 1: Always 1
- Position 2: The 3rd position of the APPR
- Position 3: The last position of the FC/PY
- Positions 4-5: The OAC
- Positions 6-7: The BA
- Positions 8-9: The middle 2 positions of the RC/CC
- Positions 10-13: The last 4 positions of the ADSN
- Positions 14-15: The OBAN

3.10 DBMS LOA

- Positions 1-2: Always 1L
- Positions 3-6: The SH
- Positions 7-10: The last 4 positions of the CAC
- Positions 11-15: The last 5 positions of the ADSN

3.11 WAAS-WHS LOA

- Positions 1-4: Always 1AAZ
- Position 5: The last position of the FY
- Positions 6-9: The last 4 positions of the CCC
- Positions 10-15: The FSN

3.12 WAAS-DISA LOA

- Positions 1-2: Always 1G
- Position 3: The last position of the FY
- Positions 4-9: The ORC
- Positions 10-15: The FSN

3.13 eBiz LOA

- Positions 1-2: Always 1L
- Positions 3-6: The DALO
- Positions 7-10: The APC
- Positions 11-15: The last 5 positions of the FSN

3.14 DWAS LOA

- Positions 1-2: Constant 49
- Position 3: The last position of the FY
- Positions 4-8: The BCN
- Position 9: The SA
- Positions 10-15: The AAA

3.15 DLA-BSM LOA

- Positions 1-2: Always 12
- Positions 3-6: The SH
- Positions 7-10: The last 4 positions of the CAC
- Positions 11-15: The last 5 positions of the FSN

3.16 DIA LOA

- Positions 1-3: Always 1HA
- Position 4: The last position of the FY
- Positions 5-10: The TANUM
- Positions 11-15: Always 49205

3.17 All Other LOAs

If the authorization includes an LOA format that is not covered above, DTS creates the CIC using the following format:

- Positions 1-3: Always DTS
- Positions 4-9: The TANUM
- Positions 10-15: Always 000000

4 The DTA Manual: Contents & Links

DTA MANUAL CHAPTER: TOPIC	URL (SELECT OR CUT & PASTE)
Chapter 1: DTS Overview	https://www.defensetravel.dod.mil/Docs/Training/DTA_1.pdf
Chapter 2: DTS Access	https://www.defensetravel.dod.mil/Docs/Training/DTA_2.pdf
Chapter 3: DTS Site Setup	https://www.defensetravel.dod.mil/Docs/Training/DTA_3.pdf
Chapter 4: Organizations	https://www.defensetravel.dod.mil/Docs/Training/DTA_4.pdf
Chapter 5: Routing Lists	https://www.defensetravel.dod.mil/Docs/Training/DTA_5.pdf
Chapter 6: Groups	https://www.defensetravel.dod.mil/Docs/Training/DTA_6.pdf
Chapter 7: People	https://www.defensetravel.dod.mil/Docs/Training/DTA_7.pdf
Chapter 8: LOAs	https://www.defensetravel.dod.mil/Docs/Training/DTA_8.pdf
Chapter 9: Budgets	https://www.defensetravel.dod.mil/Docs/Training/DTA_9.pdf
Chapter 10: Reports	https://www.defensetravel.dod.mil/Docs/Training/DTA_10.pdf
Chapter 11: MIS Administration	https://www.defensetravel.dod.mil/Docs/Training/DTA_11.pdf
Chapter 12: ROA Administration	https://www.defensetravel.dod.mil/Docs/Training/DTA_12.pdf

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Appendix A: Self-Registration	https://www.defensetravel.dod.mil/Docs/Training/DTA_App_A.pdf
Appendix B: Acronyms	https://www.defensetravel.dod.mil/Docs/Training/DTA_App_B.pdf
Appendix C: Definitions	https://www.defensetravel.dod.mil/Docs/Training/DTA_App_C.pdf
Appendix E: Emails	https://www.defensetravel.dod.mil/Docs/Training/DTA_App_E.pdf
Appendix F: Import / Export Module	https://www.defensetravel.dod.mil/Docs/Training/DTA_App_F.pdf
Appendix G: Error Codes	https://www.defensetravel.dod.mil/Docs/Training/DTA_App_G.pdf
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