



An Introduction to NOAA's New IT Cost Accounting Codes

IT Cost Accounting Team
May 13 - 14, 2009

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Introduction



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Approach



- To maximize the learning experience:
 - This will be an interactive training session
 - Many concepts will be repeated frequently
 - Active participation is strongly encouraged
 - Don't be afraid to ask questions
 - Number of questions will be limited to 2 per test question
 - You may be called upon for an answer
- Please check that you have the following materials:
 - Acronym List
 - Answer Sheet
 - Reference Sheet
 - Word Puzzle
- Please complete the Sign-up Sheet
- Please register at Commerce Learning Center
 - <http://learning.doc.gov/index.htm>





Learning Objectives

- Upon completion of this training, you should be able to:
 1. EXPLAIN the business driver for creating these IT cost categories
 2. DEFINE the accounting mechanism used for IT cost categories
 3. IDENTIFY the nine (9) IT cost categories
 4. UNDERSTAND the broad boundaries for each IT cost category
 5. APPLY IT cost categories in CPCS, C.Request and Travel Manager
 6. IDENTIFY the primary location for IT cost accounting information
 7. IDENTIFY the IT point of contact in your organization



Background



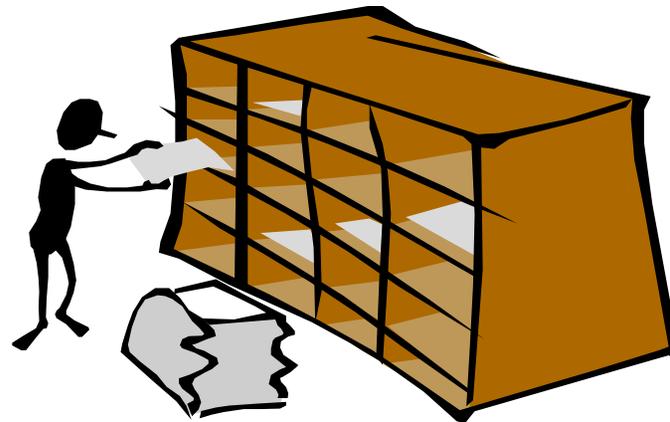
- The Department's accounting system did not adequately capture the cost for providing IT services across NOAA
- NOAA CFO requested additional granularity of IT cost by using no more than ten (10) categories
- NOAA CIO formulated a cross cutting team to develop a list of IT cost categories for mission and non-mission use
- Cross cutting team recommended the implementation of nine (9) IT cost categories
- NOAA CFO approved the use of Task Code in Q1 FY09 (except for NWS and OAR)
- Task codes will be used in conjunction with existing object class codes to capture labor and non-labor IT cost (i.e. training and travel)
- Capture of non-labor IT cost begins on July 1, 2009
- Capture of labor IT cost is expected to begin on October 1, 2009



IT Cost Categories



- Program Management
- Desktop Management
- End-User Service Center
- Collaboration
- Data Networks
- Telecom
- Data Center
- Application Management
- IT Security



IT cost categories can be thought of as basic IT services



Program Management

- Program Management includes strategic planning, capital planning, enterprise architecture, IT governance, activities related to Planning, Programming, Budgeting, and Execution System (PPBES) and consulting services.
- Also includes compliance with Government Performance Results Act (1993), Clinger-Cohen Act (1996), Government Paperwork Elimination Act (1998), E-Government Act (2002), Federal Information Security Management Act (2002) and other regulatory guidance.
- Normally reserved for overhead positions (e.g. IT personnel located in HQ/Field). Does not include costs associated with managing an IT Security program.



Use Task Code B00 for Program Management



Desktop Management

- Applies to desktops, laptops, kiosks, peripherals (e.g. printers, scanners, etc.), copiers, fax machines, USB storage devices, office productivity applications, tools and utilities.
- Involves desktop setup and delivery, customer support, problem tracking and resolution, hardware/software maintenance and repair, central administration/management of desktops, software deployment, removal and sanitization of assets.
- Includes Tier 2 (Field) & Tier 3 (Technical/Engineering) HW/SW support.
- Includes IT operational related functions/tasks such as configuration management, patch management and media sanitization.
- Does not include application development tools or items listed in Collaboration.



Use Task Code D00 for Desktop Management



End-User Service Center



- Includes Tier 0 (Self Help) & Tier 1 (Phone/Online) HW/SW support.
- Establishes a single point of contact to handle all customer inquiries spanning all IT related services.
- Includes incident creation, tracking, trending and resolution. Maintains the problem resolution database and works collaboratively with Tier 2 (Field) and Tier 3 (Technical/Engineering) to improve service delivery.
- Includes IT operational related functions/tasks such as accounts management and incident (security) notification.



Use Task Code E00 for End-User Service Center



Collaboration

- Installation, operation, securing and maintenance of E-Mail, Calendaring, Blackberry Enterprise services, Messaging, Video Streaming, Video Teleconferencing, Web Conferencing, Discussion Groups, Blogs, Wikis, Records and social networking (e.g. Twitter).
- Includes HW & SW purchases and maintenance.
- Includes IT operational related functions such as system administration, configuration management, patch management and spam filtering.
- Does not include items listed in Data Center, Data Networks or Telecom.

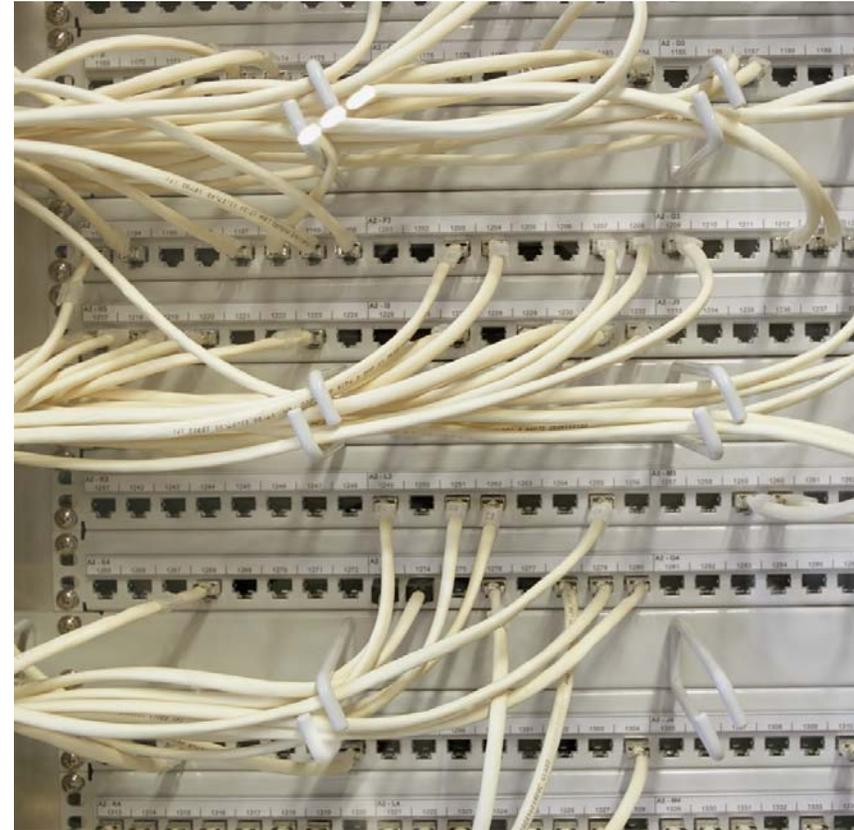


Use Task Code G00 for Collaboration



Data Networks

- Installation, operation, securing and maintenance of the data networking infrastructure (e.g. cabling, switches, routers, LANs, NACs, remote access, firewalls, VPN, and web filtering). Includes Installs, Moves, Adds and Changes to equipment.
- Includes directory services and 24/7 Network Operations Center (i.e., data network portion).
- Includes IT operational related functions such as system/network administration, configuration management, patch management and media sanitization.



Use Task Code [J00](#) for Data Networks



Telecom



- Installation, operation, securing and maintenance of the telecommunications infrastructure (e.g. Voice, FAX, PBX, POTS, VoIP, CSU/ DSU, CATV, and Satellite).
- Includes Installs, Moves, Adds and Changes to equipment.
- Services for audio conferencing, local/long distance, voice mail, calling cards, cellular (i.e., cell phones & monthly bills), radio, paging, carrier circuits, dedicated/leased lines/trunks, Internet access/service and 24/7 Network Operations Center (i.e., Telecom portion).
- Includes IT operational related functions such as system administration, configuration management, patch management and media sanitization.

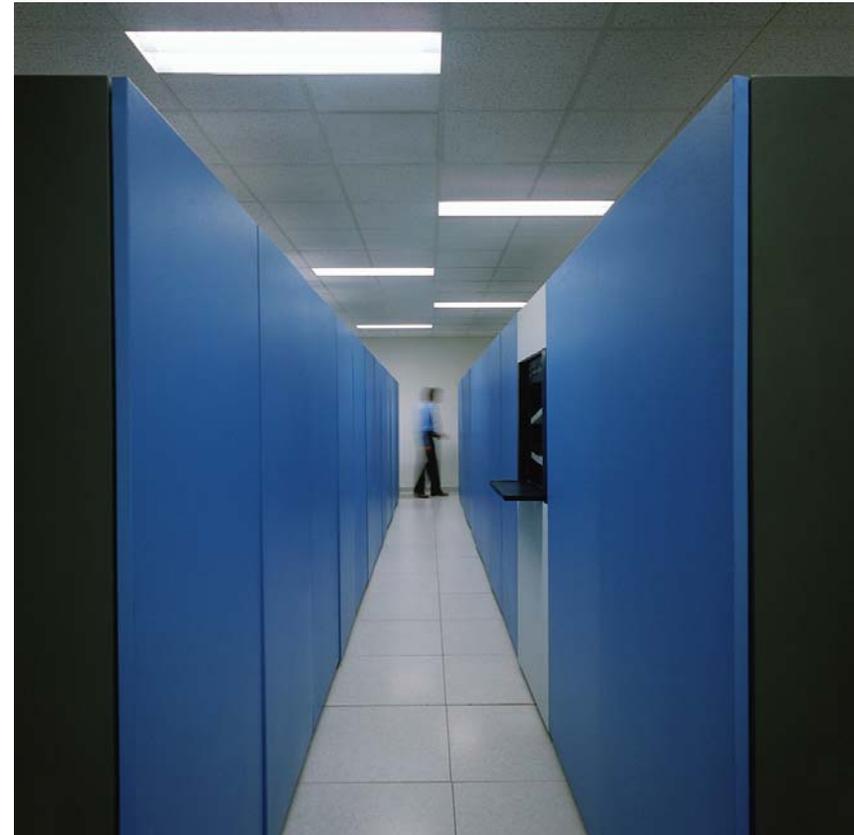


Use Task Code N00 for Telecommunications



Data Center

- Installation, operation, securing and maintenance of all components within a data center or similar environment. Includes appliances, servers, minicomputers, mainframes, storage (e.g. SAN, NAS), backup (e.g. tape libraries/silos), high performance computing, job scheduling, enterprise monitoring and terminal services.
- Contractual services such as web hosting and web caching are also included.
- Includes IT operational related functions such as system administration, configuration management, patch management and media sanitization.
- Does not include items listed in Application Management or Collaboration.

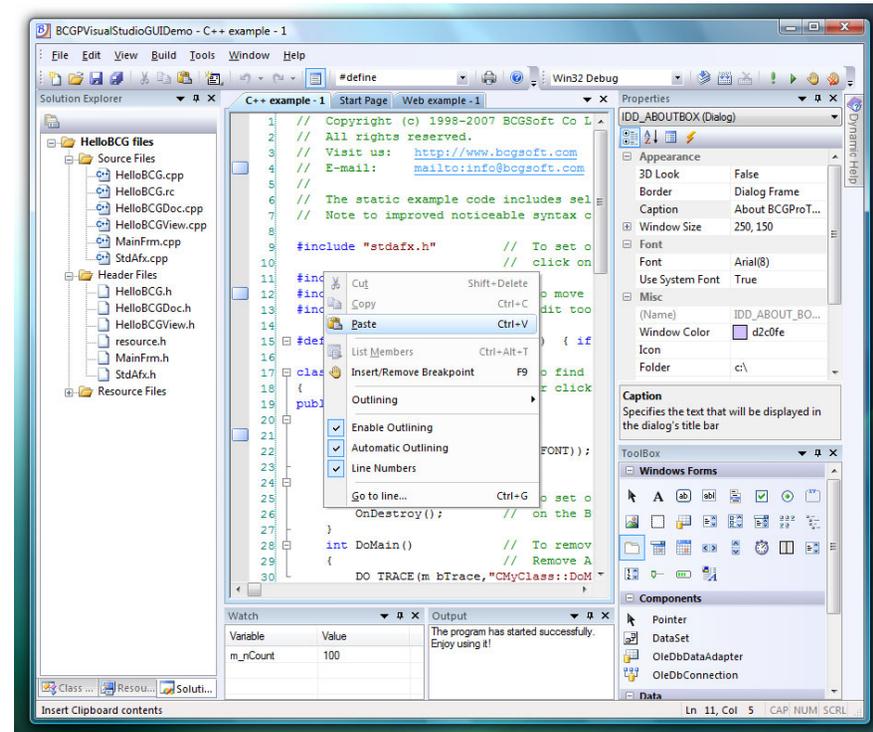


Use Task Code Q00 for Data Center



Application Management

- Includes designing, developing, testing, securing, operating, and maintaining n-tier applications. Applies equally to algorithms, archives, content management, data acquisition, databases, data/statistical modeling, data mining, data warehouses, firmware, GIS, metadata, scripting, web design & maintenance, utilities, and wrappers.
- Includes application development suites/tools (e.g. IDEs, SDKs, CASE, ETL) and version control. Also includes development and maintenance of security related documentation.
- Includes IT operational related functions such as database administration, configuration management and patch management.



Use Task Code R00 for Application Management



IT Security

- Includes cost associated with managing an IT Security Program.
- Includes centralized enterprise security services such as annual awareness training, computer forensics, creating, testing & maintaining common controls, audit log reviews, disaster recovery, COOP, incident handling, intrusion detection/prevention, 24/7 Security Operations Center, C&A activities (i.e., FIPS-199, SSP, CP, RA, ST&E, CT&E, SAR, and POA&Ms) and Continuous Monitoring activities (i.e., SSP updates, CP tests, assessment of security controls, and POA&M management).
- Includes labor associated with ITSOs, ISSOs, Security Administrators and Auditors.
- Typically does not include operational functions/tasks performed by other IT professionals (i.e. system administrators, developers) or non-IT security personnel (e.g. scientists)
- Includes cost for implementing new mandates imposed by OMB, DOC, IG, or NOAA requiring significant resources to meet short term (i.e. ≤ 1 Year) deadlines.



Use Task Code U00 for IT Security

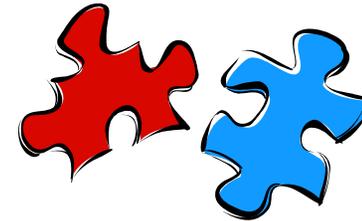


Word Puzzle



Can you find the IT categories hidden in the box? They may be horizontal, vertical, diagonal, forwards or backwards.

P	R	O	G	R	A	M	M	A	N	A	G	E	M	E	N	T	Y	L
D	C	E	R	T	I	F	I	C	A	T	I	O	N	C	E	I	R	A
E	M	E	T	A	D	A	T	A	C	E	N	T	E	R	H	T	R	P
S	V	G	R	L	A	N	A	W	U	S	G	F	D	R	C	E	E	T
K	P	C	H	O	T	A	P	Q	E	R	T	Y	T	E	T	L	B	O
T	N	O	I	T	A	R	O	B	A	L	L	O	C	P	I	E	K	P
O	L	E	R	S	N	Y	A	U	F	I	L	I	R	P	W	C	C	Y
P	R	I	N	T	E	R	&	P	I	O	V	R	I	A	S	O	A	T
M	O	N	E	R	T	Z	M	A	D	R	B	E	Y	R	G	M	L	I
A	U	C	S	E	W	A	E	O	E	D	I	V	T	W	D	E	B	R
N	T	I	A	M	O	S	G	S	Y	F	I	R	E	W	A	L	L	U
A	E	D	B	O	R	A	R	C	H	I	T	E	C	T	U	R	E	C
G	R	E	A	T	K	E	X	U	P	S	R	S	U	O	I	A	E	E
E	F	N	T	S	S	W	E	B	H	O	S	T	I	N	G	B	Y	S
M	P	T	A	U	A	P	P	L	I	C	A	T	I	O	N	M	G	T
E	&	N	D	C	P	Y	S	C	R	I	P	T	I	N	G	U	N	I
N	H	N	O	I	T	A	T	I	D	E	R	C	C	A	T	R	Q	X
T	E	K	C	T	N	E	M	S	S	E	S	S	A	K	S	I	R	G
H	I	G	H	P	E	R	F	O	R	M	A	N	C	E	O	S	T	I



IT Categories

Application Mgt., Collaboration, Data Center, Data Networks, Desktop Management, End-User Service Ctr., IT Security, Program Management, Telecom

Miscellaneous

Accreditation, Architecture, Blackberry, Certification, Customer, Database, Desktop, Firewall, High Performance, Incident, ITSO, LAN, Laptop, Metadata, NAS, POA&M, Printer, Risk Assessment, Router, SAN, Scripting, Server, Storage, Switch, Video, VoIP, VPN, WAN, Web Hosting, Wrapper



Matching



Match the items on the right with the items on the left.

IT Category		Examples	
A. Program Management	___ 1) Cell Phone	___ 11) Server	
B. Desktop Management	___ 2) Disaster Recovery	___ 12) Wiki	
C. End-User Service Center	___ 3) Storage	___ 13) Switch	
D. Collaboration	___ 4) SW Development	___ 14) C&A	
E. Data Network	___ 5) Desktop	___ 15) Blogs	
F. Telecom	___ 6) Incident Handling	___ 16) USB Thumb Drive	
G. Data Center	___ 7) Router	___ 17) Call Center	
H. Application Management	___ 8) Email	___ 18) Long Distance	
I. IT Security	___ 9) Laptop	___ 19) Strategic Planning	
	___ 10) Video Streaming	___ 20) Copier	



Selection of IT Cost Categories



- The proper selection of IT cost categories may appear difficult at first, but it will become easier over time with practice
- IT cost categories are just broad high-level “IT services” performed within NOAA
- When we acquire a specific product or service from a vendor, we must understand how the acquisition or service aligns or fits with our nine (9) broad high-level “IT services” (i.e. IT cost categories)
- Once you understand how the specific product or service aligns or fits with an “IT Service”, selecting a task code should become easier
 - Be inquisitive and get in the habit of asking something like:
 - “What IT service (category) does this acquisition/product align with?”
 - “What IT service (category) does this acquisition/product link to?”
 - “What IT service (category) does this acquisition/product ultimately support?”
- If you have trouble selecting an IT cost category, ask your IT point of contact for assistance

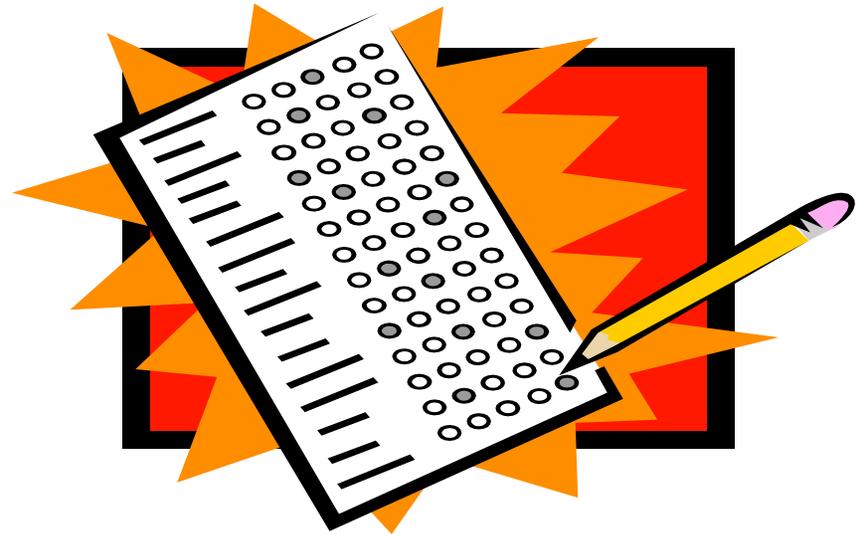
Help is right around the corner. Don't be afraid to ask your IT point of contact!



Practice Exercises



- Ten (10) practice exercises are provided
- All are multiple choice questions
- Take your time
- Read carefully
- Select the best answer
- Click your mouse to see the best answer and explanation



Let's get started!



Practice Exercise (1)



Situation

The NOAA OCIO is planning to hire a consultant to study the feasibility of implementing a customer support center in Silver Spring. The study will also include a brief comparative analysis with other agencies similar in size. Which IT category would you select?

- A. Collaboration
- B. Data Center
- C. End-User Call Center
- D. Program Management



Practice Exercise (2)



Situation

DOC policy requires that all laptop hard drives be encrypted with a product called Safeboot. The NOAA OCIO collects funds from all the Line Offices to purchase annual maintenance for this product. Which IT cost category would you select?

- A. Application Management
- B. Desktop Management
- C. IT Security
- D. Telecom



Practice Exercise (3)



Situation

The NESDIS OCIO requires six (6) laptops for certification and accreditation (C&A) work. The laptops will be used by contractors at the National Climatic Data Center and NESDIS HQ LAN. Which IT cost category would you select?

- A. Data Center
- B. Data Networks
- C. Desktop Management
- D. IT Security



Practice Exercise (4)



Situation

The NOAA OCIO is purchasing new software and servers to host a new messaging platform, such as Microsoft Exchange. The new servers will be installed in the Data Center. Which IT cost category would you select?

- A. Collaboration
- B. Data Center
- C. Data Networks
- D. Telecom



Practice Exercise (5)



Situation

The NESDIS OCIO hired a contractor to implement a call center in Silver Spring. The call center will be used by NOAA employees to obtain various IT support services involved with applications, desktops, laptops, email, calendaring, landline and cell phones and VTC. Which IT category would you select?

- A. Desktop Management
- B. End-User Call Center
- C. Telecom
- D. Application Management



Practice Exercise (6)



Situation

The IPO is purchasing Cisco Network Access Control (NAC) equipment in order to improve IT Security. The equipment will be installed in the LAN room. Which IT cost category would you select?

- A. Data Center
- B. Data Networks
- C. IT Security
- D. Telecom



Practice Exercise (7)



Situation

The NWS OCIO has decided to lease additional T1 & T3 lines that will connect to the MAN and provide backup capability for Silver Spring. This capability is required to support contingency planning and close a POA&M item. Which IT category would you select?

- A. Data Center
- B. Data Networks
- C. IT Security
- D. Telecom



Practice Exercise (8)



Situation

Due to age, the Office of Satellite Operations needs to replace some of its servers and storage devices that support a satellite ground system. A contractor is also hired to assist in developing configuration baselines for the new equipment. Which IT category would you select?

- A. Data Center
- B. Data Networks
- C. End-User Service Center
- D. IT Security



Practice Exercise (9)



Situation

The OMAO needs to improve its correspondence and action tracking system. OMAO hires a contractor to develop a replacement using Linux, Apache, MySQL, PHP—software installed and running on servers in the OMAO data center. Which IT category would you select?

- A. Application Management
- B. Data Center
- C. Desktop Management
- D. Program Management



Practice Exercise (10)



Situation

The NMFS OCIO must certify and accredit its HQ LAN system by Christmas. It procures contractor support to update its existing C&A package. Which IT cost category would you select?

- A. Program Management
- B. Data Networks
- C. End-User Service
- D. IT Security



10 Minute Break

Program Management

IT Security

Desktop Management

Application Management

End-User Service Center

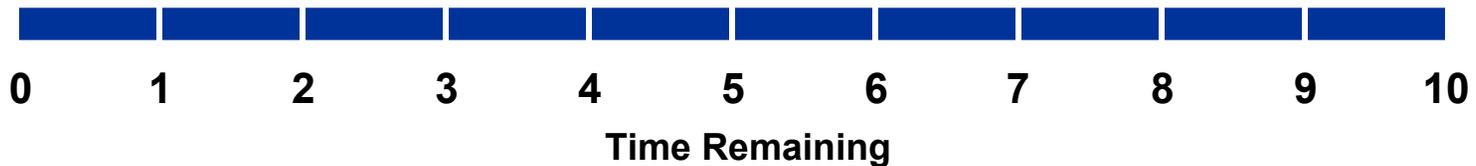
Data Center



Collaboration

Data Network

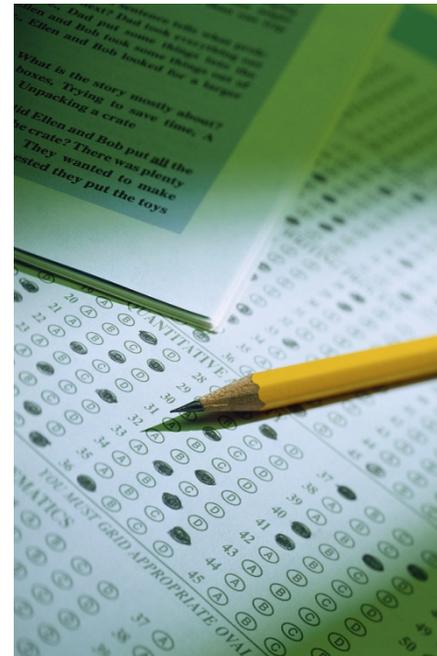
Telecommunications





Self Examination

- Now it's your turn to test your knowledge
- Twenty (20) multiple choice questions
- Hints
 - Read carefully
 - Look for key words
 - Identify fit or alignment with the IT service
 - Select the best answer
 - Click the mouse to reveal the answer



Don't hesitate to discuss any question or answer with your IT point of contact.



Self Examination (1)

? The DOC OCIO requires your office to perform a self assessment of your IT investment management practices to determine overall maturity. Which IT cost category would you select?

- A. Program Management
- B. End-User Center
- C. Desktop Management
- D. IT Security





Self Examination (2)



The NOAA CFO wants to replace the Program Information Reporting System (PIRS). A contractor is hired to develop, implement and maintain the new system. Which IT cost category would you select?

- A. Application Management
- B. Collaboration
- C. Data Center
- D. Program Management





Self Examination (3)

? OAR requires 12 additional Blackberry cell phones and monthly service for its senior program managers. Which IT cost category would you select?

- A. Application Management
- B. Collaboration
- C. Program Management
- D. Telecom





Self Examination (4)

? The NESDIS OCIO requires contractor support to define the organization's current and target IT architecture. Which IT cost category would you select?

- A. Data Networks
- B. Application Management
- C. Program Management
- D. Collaboration





Self Examination (5)



? The NOAA OCIO manages and operates the NOAA Computer Incident Response Team (N-CIRT). The N-CIRT requires the purchase of new intrusion detection equipment. Which IT cost category would you select?



- A. End-User Service Center
- B. Data Center
- C. IT Security
- D. Program Management

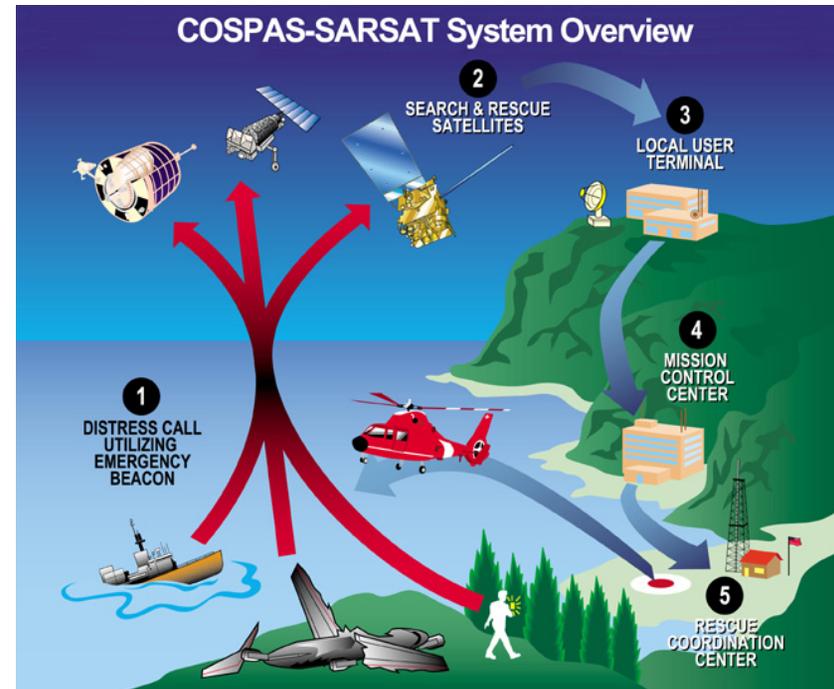


Self Examination (6)



? The Search and Rescue Satellite Aided Tracking (SARSAT) Program will be procuring contractor support to register and maintain emergency beacon information supplied by the public. Which IT cost category would you select?

- A. Application Management
- B. Desktop Management
- C. Collaboration
- D. End-User Service Center





Self Examination (7)

? The NWS OCIO requires contractor support in developing an Exhibit 300 (IT Capital Planning) for OMB. Which IT cost category would you select?

- A. Collaboration
- B. Data Center
- C. IT Security
- D. Program Management





Self Examination (8)

- ? NWS requires a new satellite antenna for the National Hurricane Center in Miami. Which IT cost category would you select?
- A. Telecom
 - B. Data Networks
 - C. Collaboration
 - D. Application Management





Self Examination (9)



? The National Geophysical Data Center needs to replace some of its switches, routers and firewalls. Which IT cost category would you select?

- A. Data Center
- B. Data Networks
- C. Collaboration
- D. Application Management





Self Examination (10)



? The NESDIS OCIO is replacing its outdated video teleconferencing equipment with new high definition Polycom equipment. Which IT cost category would you select?

- A. Application Management
- B. Data Center
- C. Desktop Management
- D. Collaboration





Self Examination (11)

 The NOS OCIO is purchasing annual maintenance for HEAT— software used by the Help Desk for incident tracking. Which IT cost category would you select?

- A. Desktop Management
- B. End-User Service Center
- C. IT Security
- D. Telecom





Self Examination (12)



? The NMFS CFO is purchasing 25 OptiPlex 960 desktops loaded with Windows XP Professional and 10 Fujitsu ScanSnap S510 scanners. Which IT cost category would you select?

- A. Desktop Management
- B. End-User Service Center
- C. Application Management
- D. Collaboration





Self Examination (13)



? The NMFS OCIO is purchasing a one year online subscription service called “Gartner for IT Leaders”. The office plans to access articles regarding data center consolidation, unified messaging and software development tool sets. Which IT cost category would you select?

- A. Application Management
- B. Data Center
- C. Collaboration
- D. Program Management

Gartner Benchmarking Capabilities



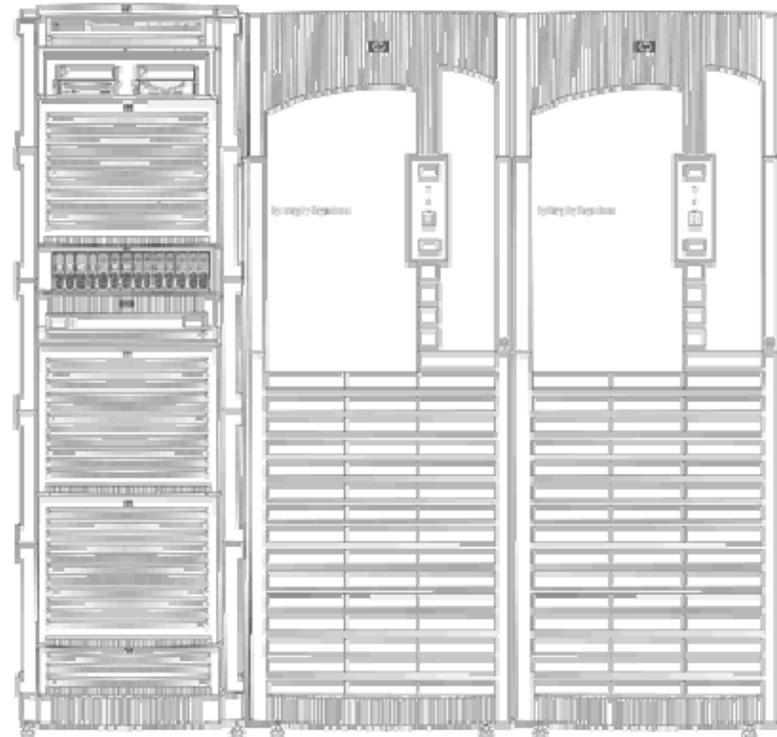


Self Examination (14)



? The NOAA OCIO received funds through the Stimulus Package to improve its High Performance Computing platform. Funds will be used to replace aging hardware and software. Which IT cost category would you select?

- A. Data Center
- B. Data Networks
- C. Desktop Management
- D. Telecom

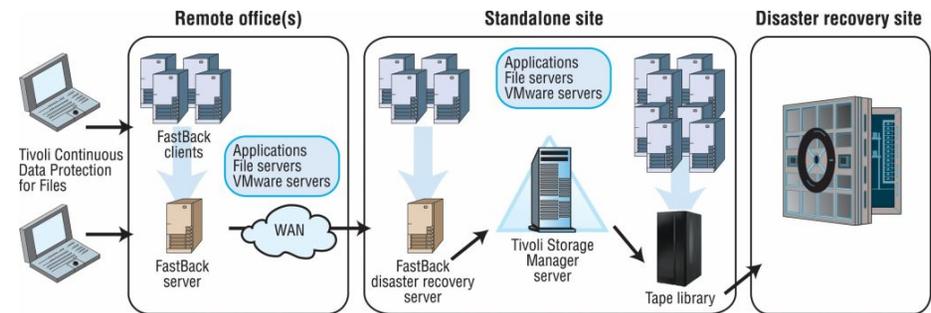




Self Examination (15)



? The NWS OCIO is purchasing IBM Tivoli Storage Manager—software used to backup and recover enterprise data. The software also meets IT security requirements. Consulting support will be included to assist with the installation. Which IT cost category would you select?



- A. Collaboration
- B. Data Center
- C. Data Networks
- D. IT Security

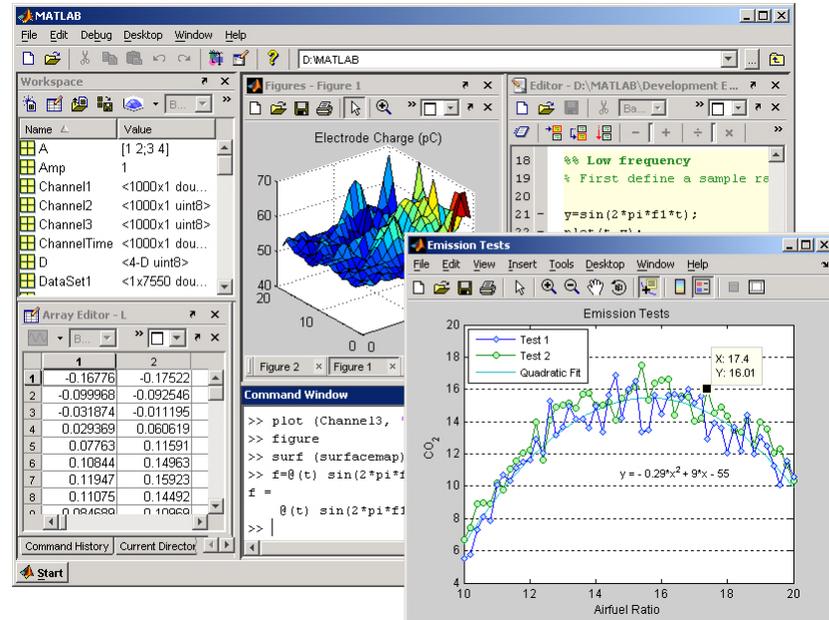


Self Examination (16)



The Center for Satellite Applications and Research is purchasing annual maintenance for MATLAB—software used for algorithm development and numeric computation. Which IT cost category would you select?

- A. IT Security
- B. Desktop Management
- C. Collaboration
- D. Application Management





Self Examination (17)



? The OMAO OCIO will be acquiring contractor support for the annual IT security controls test and to review evidence for POA&M closure. Which IT cost category would you select?

- A. Application Management
- B. Desktop Management
- C. IT Security
- D. Telecom





Self Examination (18)



? The NOS OCIO has agreed to send several of its system administrators to Monterey, CA to attend a SANS class on securing Windows servers. Which IT cost category would you select?

- A. Data Center
- B. Data Networks
- C. IT Security
- D. Program Management

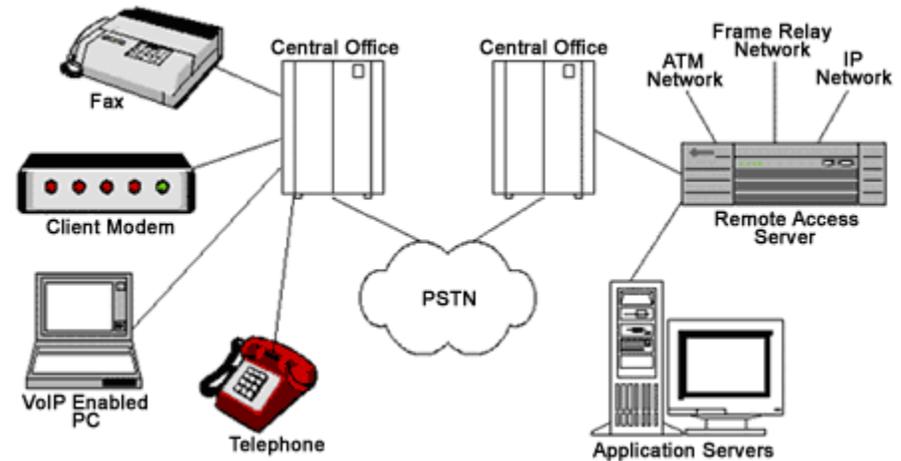




Self Examination (19)



? The Integrated Program Office is procuring a remote access server and Voice over IP (VoIP) phones from Cisco. The remote access server will be used by scientists to access calibration and validation data. The VoIP phones will be used by the Help Desk. Which IT cost categories would you select?



- A. Data Center
- B. Data Networks
- C. End-User Service Center
- D. Telecom



Self Examination (20)

? The NMFS OCIO is acquiring contractor support to maintain its IT infrastructure composed of desktops, laptops, peripherals, switches, routers and servers. Which IT cost categories would you select?



- A. Desktop Management
- B. Data Center
- C. Data Networks
- D. All of the Above



Applications



- Commerce Purchase Card System (CPCS)
- C.Request
- Travel Manager





CPCS - Navigator



U.S. DEPARTMENT OF COMMERCE (OPSSJEAM0001@CFSEFX - Oracle Forms V6)

Action Edit View Favorites Application Approving Official Cardholder Help Window

CBS NAVIGATOR (CBSMAIN VER-2.15.0.0)

- CBS Applications
 - Personal Favorites List
 - Commerce Purchase Card System (CPCS) WEB ONLY
 - Approving Official
 - Cardholder
 - BC615 - Log Orders
 - BC605 - Reconcile Transactions**
 - BC625 - Monitor Outstanding Disputes
 - BC626 - Track Cardholder Transactions
 - BC627 - Add Modify ACCS
 - BC604 - View Transactions
 - BC608 - View Disputes
 - BC644 - Select Initiator
 - Cardholder Reports
 - WF003 - Messages

Click on Reconcile Transactions



CPCS - Reconcile Transactions



U.S. DEPARTMENT OF COMMERCE (QPSSJEAM0001@CFSEFX - Oracle Forms V6)

Action Edit Help Window

Reconcile Transactions (BC605 VER-2.27.0.140)

Reconcile Transactions

Card: 1 of 2 cards Type: **PURCHASE CARD** Name:

Trans Note	Purchase No.	Purchase Date	Vendor	Amount	SIC Code	Prop.	Date Received	Matched Ok?	Dispute No.
<input type="checkbox"/>	335938-1	14-MAR-2009	GUS*GLOBALSTAR USA	\$173.48	4814	<input type="checkbox"/>		S	0-0
<input type="checkbox"/>	335938-2	17-MAR-2009	NETSCOUT SYSTEMS INC	\$1,830.00	7333	<input type="checkbox"/>		S	0-0
<input type="checkbox"/>	335938-3	10-MAR-2009	WWW.NEWEGG.COM	\$504.31	5732	<input type="checkbox"/>		S	0-0
<input type="checkbox"/>	335938-4	14-MAR-2009	T-MOBILE RECURRING PMT	\$660.46	4814	<input type="checkbox"/>		S	0-0
<input type="checkbox"/>	335938-5	19-MAR-2009	DMI* DELL FEDERAL	\$106.16	5045	<input type="checkbox"/>		S	0-0
<input type="checkbox"/>	335938-6	19-MAR-2009	RED RIVER COMPUTER CO.	\$99.00	5045	<input type="checkbox"/>		S	0-0
<input type="checkbox"/>	335938-7	03-MAR-2009	INNOVATIVE COMPUTER EN	\$849.75	5045	<input type="checkbox"/>		S	0-0
<input type="checkbox"/>	335938-8	19-MAR-2009	DMI* DELL FEDERAL	\$993.40	5045	<input type="checkbox"/>		S	0-0

Reference No:

Order Log Note Unmatch Dispute View Dispute ACCS Property

By reconciling any purchase I am verifying that the purchase price was, to the best of my knowledge, fair and reasonable.
Furthermore, I have received the proper prior approval for this purchase.

Click on a Transaction (e.g., GUS*GLOBALSTAR USA)



CPCS - ACCS Details



U.S. DEPARTMENT OF COMMERCE (OPSSJEAM0001@CF5FX - Oracle Forms V6)

Action Edit Help Window

ACCS (BC606 VER-2.27.0.15)

ACCS Details card: Type: **PURCHASE CARD** Name:

Trans No	Reference Number	Purchase Date	Vendor	Status	Amount
335938-1	55432869073000462289663	14-MAR-2009	GUS*GLOBALSTAR USA	S	\$173.48

LN	FY	Accounting Classification Code	Qty	Amt	Total
1	2009	14 G2NF1NP-P00 88 05-03-01-005 40-10-0000-00-00-00-00 26-19-00-00 000000	1	173.48	173.48

Description: **CREDIT CARD PURCHASE** ACCS Total: **\$173.48**

ACCS choices Property View Disputes Note

Click the line to view the Partial Account Classification Code Structure



CPCS – Partial ACCS



U.S. DEPARTMENT OF COMMERCE (OPSSJEAM0001@CFSFX - Oracle Forms V6)

Action Edit Help Window

CBS NAVIGATOR (CBSMAIN VER-2.15.0.0)

ACCSS (BC606 VER-2.27.0.15)

PARTIAL ACCOUNT CLASSIFICATION CODE STRUCTURE (DBA093 VER-2.9.0.0)

PROJECT/ TASK	ORGANIZATION	OBJECT CLASS	USER DEFINED FIELD
G2HF1NP N00	40 10 0000 00 00 00 00	23 38 00 00	000000

NAME TELECOM

NEXT PREV CANCEL

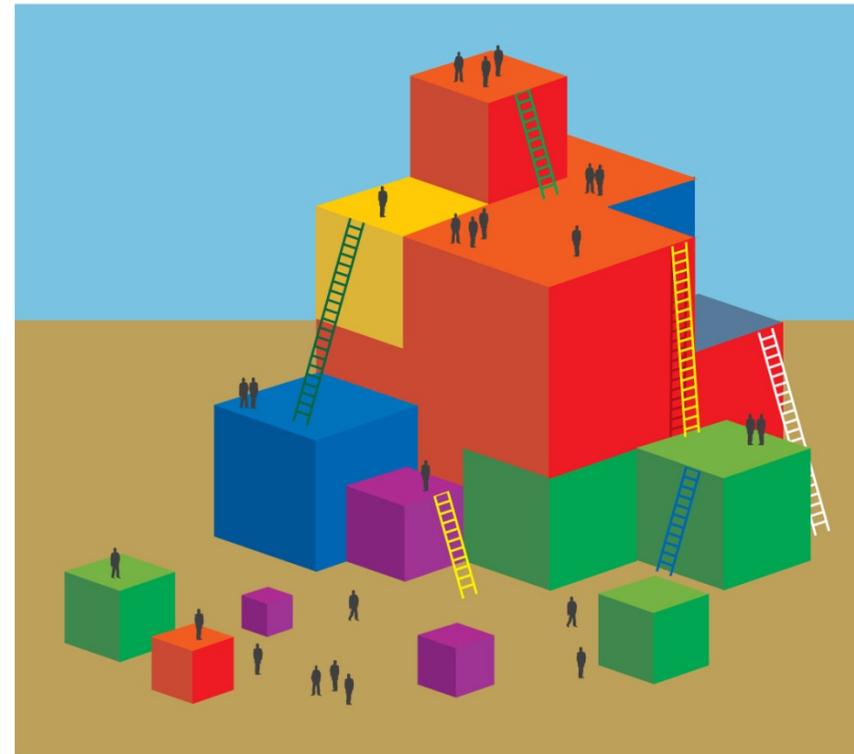
Update the Task Field with the appropriate IT Cost Category (e.g., N00)



CPCS Implications



- Purchase card holders are now required to update and reconcile transactions with the proper IT cost category
- Purchase card holders should get in the habit of reviewing task codes in conjunction with object class codes





C.Request - Requisition Summary



ComprizonSuite - Microsoft Internet Explorer

Address: https://crequestprod.ocs.doc.gov/noaa_prod/servlet/Comprizon

Home - Inbox - My Profile - Help - Business Rules/Custom Help - Links - Log Off

Comprizon.Request Document: NEEA6000-9-08842 | OCIO-09-064 [Example] Requisition Summary User: JAMES GOUDOUIROS (019) Version: 8.6 Screen ID: RSM

Requisition Summary Menu		Administration			
<ul style="list-style-type: none"> Sections <ul style="list-style-type: none"> Summary Administration Accounting Line Items Forms Notes Properties <ul style="list-style-type: none"> Sharing Locking Procurement <ul style="list-style-type: none"> Period of Performance Defaults Support Documents Deliverables History Actions <ul style="list-style-type: none"> Assign PIIN Store in BizDoc View in BizDoc Cancel Copy Delete Submit Add to Hotlist Review and Approval Financial 	Purchase For: NESDIS ACQUISITION DIVISION /OFA64 AJF40012 Delivery Date: 07/31/2009 Point of Contact: JAMES GOUDOUIROS Purpose: To procure IT support services for the NESDIS OCIO. The period of performance is August 1, 2009 to December 31, 2009. OCIO-09-064 [Example] Document Status: Unsubmitted Procurement Status: Unsubmitted				
		Account Summary			
		Number of Codes Assigned to Line Items:	5	Number of Default Codes:	0
		Percent Allocated:	100.00%	Total Default Percentage:	0%
		Total Quantity Allocated:	1		
		Total Cost Allocated:	\$1,000,000.00		
		Base Cost Allocated:	\$1,000,000.00		
		Option Cost Allocated:	\$0.00		
		Cancel Commitment: Accepted/Approved by Financial System, Posted: 04/15/2009 10:25:38, Amount: \$1,000,000.00			
		Line Item			
		Number of Line Items:	1		
		Total Cost:	\$1,000,000.00	Base Amount:	\$1,000,000.00
				Option Amount:	\$0.00

Click on Sections → Line Items for Line Item Management



C.Request - Line Item Management



The screenshot shows the ComprizonSuite web application in a Microsoft Internet Explorer browser. The address bar displays the URL: https://crequestprod.ocs.doc.gov/noaa_prod/servlet/Comprizon. The page title is "Comprizon.Request" and the breadcrumb navigation includes "Home - Inbox - My Profile - Help - Business Rules/Custom Help - Links - Log Off". The document information is "Document: NEEA6000-9-08842 | OCIO-09-064 [Example]" and the user is identified as "User: JAMES GOUDOUROS (019)". The version is 8.6 and the screen ID is RLIM.

The main content area is titled "Requisition Line Item Management" and features a "Search Criteria" section with a "Filter on:" dropdown and a search button. Below this is a table of requisition line items.

Mark	LI #	Description	Qty	UI	Cost	Option	Pricing	PR LI Status
<input type="checkbox"/>	0001	To procure IT support services for the NESDIS OCIO. The period of performance i...	1.00	EA	1,000,000.00	N/A	N/A	Unsubmitted

Navigation controls include "» Mark All", "» Unmark All", and "View Line Item Totals". The status "Displaying 1 - 1" is shown at the bottom right of the table area.

Click on Line Item 0001 for Line Item Detail



C.Request – Line Item Detail



ComprizonSuite - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address: https://crequestprod.ocs.doc.gov/noaa_prod/servlet/Comprizon

Home - Inbox - My Profile - Help - Business Rules/Custom Help - Links - Log Off

Comprizon.Request Document: NEEA6000-9-08842 | OCIO-09-064 [Example] User: JAMES GOUDOUROS (019)
Requisition Line Item Detail Version: 8.6 Screen ID: RLID

Requisition Line Item Detail Menu * = Required Field

Administration Address Option

Tools
Accounting

System Options
Line Items
Summary

Other Systems

* Line Item No: 0001

* Qty: 1 * UI: EA * Cost: 1000000
Total Cost: \$1,000,000.00

Header:

You have characters remaining for your input.

* Description: To procure IT support services for the NESDIS OCIO. The period of performance is August 1, 2009 to December 31, 2009.

You have characters remaining for your input.

FSC Code: D314 Stock Item:

FSC Description: ADP ACQUISITION SUP SVCS

TBD

» Save » Apply » Reset » Cancel

Click on Tools → Accounting for Account Code Management



C.Request - Account Code Mgt.



ComprizonSuite - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address https://crequestprod.ocs.doc.gov/noaa_prod/servlet/Comprizon

Home - Inbox - My Profile - Help - Business Rules/Custom Help - Links - Log Off

Comprizon.Request Document: NEEA6000-9-08842 | OCIO-09-064 [Example] User: JAMES GOUDOUROS (019)
Account Code Management Version: 8.6 Screen ID: RAC

Account Code Menu

- Actions
 - Create
 - Delete
- System Options
 - Summary
 - Line Items
- Other Systems

Line Item No.: 0001, To procure IT support services for the NESDIS OCIO. The period of performance is August 1, 2009 to ...

Search Criteria

Search Criteria

» Search

ADN:

Line Item Total: 1000000.00 Total Cost: \$1,000,000.00 Total Percent: 100% Total Quantity: 1.00

Displaying 1 - 5 / 5

Mark	Account Code	Cost	Quantity	Percent	BOC
<input type="checkbox"/>	140959WGD06D000002090105000400100060000000025230000000000	\$200,000.00	0.20	20	
<input type="checkbox"/>	140959WGD06G000002090105000400100060000000025230000000000	\$200,000.00	0.20	20	
<input type="checkbox"/>	140959WGD06J000002090105000400100060000000025230000000000	\$200,000.00	0.20	20	
<input type="checkbox"/>	140959WGD06Q000002090105000400100060000000025230000000000	\$200,000.00	0.20	20	
<input type="checkbox"/>	140959WGD06U000002090105000400100060000000025230000000000	\$200,000.00	0.20	20	

Click on any Account Code String to enter Account Code Detail



C.Request - Account Code Detail



Account Code Detail Menu

- System Options
 - Accounting
 - Summary
 - Line Items
- Other Systems

Line Item No.: 0001, To procure IT support services for the NESDIS OCIO. The period of performance is August 1, 2009 to ...* = Require ADN:

Bureau Code (2): [Import Entire Account Code](#)

Fiscal Year (2):

Project (7):

Task (3):

Fund (4):

Program (9):

Organization (16):

Object Class (8):

User Defined (6):

Update the Task (3) Field with the appropriate IT Cost Category



C.Request Implications



- C.Request initiator must create at least one Line Item with one or more accounting strings to capture all IT cost categories that may apply
- Creation of multiple accounting strings may cause rounding errors [Known issue]
- Contact C.Request Help Desk for assistance
 - M - F, 7 AM – 5 PM
 - (301) 427-1023, Option 2





Travel Manager

powered by **gelco** Expense Management

Gelco Travel Manager® 9.0

Setup Reports Logout Help **Document Preparation**

User: James Goudouros
Traveler:

- Home Page
- Create New Document
- Open/Copy Document
- Quick Open Document
- Amend Document
- Review Documents
- Delete Documents
- Import Document

Home

Quick Tip
Welcome to Travel Manager. Click the "more" link in Last Documents to go to Open Document Page. Click the "more" link in Review Document to open Review Document Page. Click the Document icon to open the document. [more](#)

Last Documents more					Documents to review more				
Type	Traveler	Document Name	Dep Date	In Use	Type	Traveler	Document Name	Dep Date	In Use
TV	000061950	9EA0S0128	04/19/09		TV	000061950	9EA0S0128	04/19/09	

Click on the Travel Voucher (TV) icon



Travel Manager



powered by **gelco** Expense Management

Gelco Travel Manager® 9.0

Setup Reports Logout Help **Document Preparation**

User: James Goudouros
Traveler: James Goudouros
TV: 9EA0S0128 (9EA0S0128)

- Document Summary
 - DOC Conference
 - Traveler Info
 - Document Information
 - Charge Card Manager
 - Expenses
 - Accounting
 - Totals
 - Document Status
 - Perform Pre-Audits
 - Preview Document
 - Close Document

Accounting Details Accounting Total: 1

Organization	Label	Amount
H-40-01	CIO MGMT G	173.95

Sponsor Details Sponsor Expense Total: 0

Organization	Sponsor	Amount
--------------	---------	--------

Totals Details Total Reimbursable: 173

Disbursement Type	Amount
Total Expenses	173.95
Non-Reimbursable Expenses	0.00
Advance Applied	0.00
Pay To Charge Card	0.00
Pay To Traveler	173.95

Enter Comments Expand section to view or edit

CBA OBLIGATION #: Organization ID:144001 TRAVELER PO#:00150814
Registration Fee (\$1145) includes meals during conference and lodging. Registr
fee paid using Government Purchase Card.

Preset

Done Internet

Click on Accounting or Accounting Details



Travel Manager

GTM 9.0 CIV Web Application - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites Refresh Print Mail Word Excel PowerPoint Links

Address <https://itm-prod.rdc.noaa.gov/cgi-bin/90ipi/docprep/login.w> Go Snagit

powered by **gelco** Expense Management **Gelco Travel Manager® 9.0**

Setup Reports Logout Help **Document Preparation**

User: James Goudouros
Traveler: James Goudouros
Tv: 9EA0S0128 (9EA0S0128)

- Document Summary
- DOC Conference
- Traveler Info
- Document Information
- Charge Card Manager
- Expenses
- Accounting**
- Totals
- Document Status
- Perform Pre-Audits
- Preview Document
- Close Document

Available Accounting Code for 9EA0S0128

Quick Tip
 To select an account code, click the label link. To search by label, type some of the label in the field and click the Search button. To retrieve all account codes with the same label from all orgs, type the entire label and click the Retrieve button. [more](#)

For this Document you can:
 Add New Accounting Code
 Back Continue

Enter Search Criteria
 Accounting Code Search Retrieve

Master Accounting Code Click Accounting Code Label to add to Document
 Search Results [Prev 20](#) [Next 20](#)

Organization	Label	Classification Code			
Accounting Code for 9EA0S0128 Click an item to edit/delete it					
Organization	Label	Default	Classification Code	Extended Code	
	H-40-01	CIO MGMT G		2009-14-59/WGD06P00-40010006-00000000- - - - -	Extended
	Edit Delete				

Done Internet

Click on the Pencil Icon to Edit



Travel Manager

powered by **gelco** Expense Management

Gelco Travel Manager® 9.0

Setup Reports Logout Help Document Preparation

User: James Goudouros
Traveler: James Goudouros
TV: 9EA0S0128 (9EA0S0128)

- Document Summary
- DOC Conference
- Traveler Info
- Document Information
- Charge Card Manager
- Expenses
- Accounting**
- Totals
- Document Status
- Perform Pre-Audits
- Preview Document
- Close Document

Update Accounting Code for 9EA0S0128

Quick Tip
Add new or edit existing account code. You must enter an account label before updating the extended account codes. [more](#)

Label CIO MGMT G

Organization H-40-01

Save Accounting Code and extended Accounting Code to master list

For this Document you can:

Update Extended Acct
Save Acct Updates
Cancel Acct Updates

Accounting Code

FY (4)	2009	Part 6	
BUREAU (2)	14	Part 7	
PROJ/TSK(10)	59wGD06P00	Part 8	
ORG 1 (8)	40010006	Part 9	
ORG 2 (8)	00000000	Part 10	

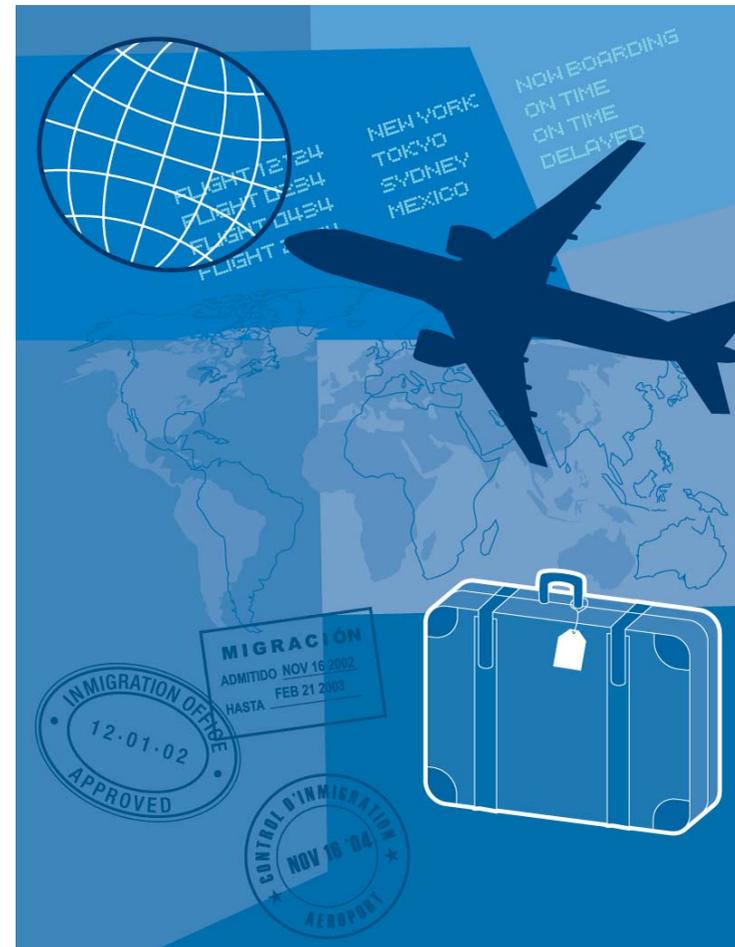
Examine the PROJ/TSK(10) field and update accordingly (e.g. P00 → B00)



Travel Manager Implications



- Travel Manager preparers need to create a unique accounting code for each IT cost category and add them to the Master Accounting Code List
- Travel Authorizations, Travel Vouchers created from Travel Authorizations, and Local Vouchers must use the proper IT cost category





Resources



- The NOAA CFO Finance Office web site is the official location to find the latest in IT cost accounting information
 - <http://www.corporateservices.noaa.gov/~finance/>
- Consult with your organization's IT point of contact



Getting Help



- Employees are suggested to use the following approach when encountering difficulty in determining the proper IT cost category
 - Review the Reference Sheet
 - Consult with the person requesting the IT product or service
 - Consult with your nearby IT Power/Super User
 - Consult with your organization's IT point of contact



Points of Contact



Line/Staff Office	IT Points of Contact	Financial Points of Contact
NESDIS	Angela Kuhn, (301) 713-1201 Jim Gouduros, (301) 713-3388 x298	Jim Lewis, (301) 713-1259
NMFS	Kevin Holland, (301) 713-2372 x176 Nancy Majower (301) 713-2372 x174	Tonya Coleman, (301) 713-2245 x182
NOS	Iris Kole, (301) 713-1156 x101	Renee Galloway, (301) 713-3050 x119 Lorne Williams, (301) 713-3050 x 168 (alt)
NWS	Maria Sims, (301) 713-0262 x133	Sue Bracey, (301) 713-9050 x160 Jeff Hare, (301) 713-9050 x183
OAR	Eugene Burger (206) 526-4586 Vince Garcia, (301) 734-1109 (alt)	Dinara Holmes, (301) 734-1162
OMAO	Doug Perry, (301) 713-7673	Gerald Thomas, (301) 713-7627
PPI	Tejuana Hickerson, (301) 713-1622 x191	Tejuana Hickerson, (301) 713-1622 x191
OCIO	Dave McClure, (301) 713-3555 x198	Kathy Stowe, (301) 713-3573 x165
CFO, FSD	Kathy Stowe, (301) 713-3573 x165	Annette Brown, (301) 444-2833
CFMD	Kathy Stowe, (301) 713-3573 x165	Jim LeDuc, (202) 482-3939 (Acting)
USAO	Kathy Stowe, (301) 713-3573 x165	Jim LeDuc, (202) 482-3939 (Acting)



Reference Sheet



v1.0 (Initial Release, 5/11/09)

IT Category	Brief Description
Program Management (B00)	Includes strategic planning, capital planning, enterprise architecture, IT governance, activities related to Planning, Programming, Budgeting, and Execution System (PPBES) and consulting services. Also includes compliance with Government Performance Results Act (1993), Clinger-Cohen Act (1996), Government Paperwork Elimination Act (1998), E-Government Act (2002), Federal Information Security Management Act (2002) and other regulatory guidance. Normally reserved for overhead positions (e.g. IT personnel located in HQ/Field). <u>Does not</u> include costs associated with managing an IT Security program.
Desktop Management (D00)	Includes Tier 2 (Field) & Tier 3 (Technical/Engineering) HW/SW support. Involves desktop setup and delivery, customer support, problem tracking and resolution, hardware/software maintenance and repair, central administration/management of desktops, software deployment, removal and sanitization of assets. Applies to desktops, laptops, kiosks, peripherals (e.g. printers, scanners, etc.), copiers, fax machines, USB storage devices, office productivity applications, tools and utilities. Includes IT operational related functions/tasks such as configuration management, patch management and media sanitization. <u>Does not</u> include application development tools or items listed in Collaboration.
End-User Service Center (E00)	Includes Tier 0 (Self Help) & Tier 1 (Phone/Online) HW/SW support. Establishes a single point of contact to handle all customer inquiries spanning all IT related services. Includes incident creation, tracking, trending and resolution. Maintains the problem resolution database and works collaboratively with Tier 2/3 to improve service delivery. Includes IT operational related functions/tasks such as accounts management and incident (security) notification.
Collaboration (G00)	Installation, operation, securing and maintenance of E-Mail, Calendaring, Blackberry Enterprise services, Messaging, Video Streaming/Teleconferencing, Web Conferencing, Discussion Groups, Blogs, Wikis, Records and social networking (e.g. Twitter). Includes HW & SW purchases and maintenance. Includes IT operational related functions such as system administration, configuration management, patch management and spam filtering. <u>Does not</u> include items listed in Data Center, Data Networks or Telecom.
Data Networks (J00)	Installation, operation, securing and maintenance of the data networking infrastructure (e.g. cabling, switches, routers, LANs, NACs, remote access, firewalls, VPN, and web filtering). Includes Installs, Moves, Adds and Changes to equipment. Includes directory services and 24/7 Network Operations Center (i.e., data network portion). Includes IT operational related functions such as system/network administration, configuration management, patch management and media sanitization.
Telecom (N00)	Installation, operation, securing and maintenance of the telecommunications infrastructure (e.g. Voice, FAX, PBX, POTS, VoIP, CSU/DSU, CATV, and Satellite). Includes Installs, Moves, Adds and Changes to equipment. Services for audio conferencing, local/long distance, voice mail, calling cards, cellular (e.g. cells phones & monthly bills), radio, paging, carrier circuits, dedicated/leased lines/trunks, Internet access/service and 24/7 Network Operations Center (i.e., Telecom portion). Includes IT operational related functions such as system administration, configuration management, patch management and media sanitization.
Data Center (Q00)	Installation, operation, securing and maintenance of all components within a data center or similar environment. Includes appliances, servers, minicomputers, mainframes, storage (e.g. SAN, NAS), backup (e.g. tape libraries/silos), high performance computing, job scheduling, enterprise monitoring and terminal services. Contractual services such as web hosting and web caching are also included. Includes IT operational related functions such as system administration, configuration management, patch management and media sanitization. <u>Does not</u> include items listed in Application Management or Collaboration.
Application Management (R00)	Includes designing, developing, testing, securing, operating and maintaining n-tier applications. Applies equally to algorithms, archives, content management, data acquisition, databases, data/statistical modeling, data mining, data warehouses, firmware, GIS, metadata, scripting, web design/maintenance, utilities, and wrappers. Includes application development suites/tools (e.g. IDEs, SDKs, CASE, ETL) and version control. Also includes development and maintenance of security related documentation. Includes IT security related functions such as database administration, configuration management and patch management.
IT Security (U00)	Includes all cost associated with managing an IT Security Program. Includes <u>centralized</u> enterprise security services such as annual awareness training, computer forensics, creating, testing & maintaining common controls, audit log reviews, disaster recovery, COOP, incident handling, intrusion detection/prevention, 24/7 Security Operations Center, C&A activities (i.e., FIPS-199, SSP, CP, RA, ST&E, CT&E, SAR, POA&Ms) and Continuous Monitoring activities (i.e., SSP updates, CP tests, assessment of security controls, and POA&M management). Includes labor associated with ITSOs, ISSOs, Security Administrators and Auditors. Typically <u>does not</u> include operational functions/tasks performed by other IT professionals (i.e., system administrators, developers) or non-IT security personnel (e.g. scientists). Includes cost for implementing new mandates imposed by OMB, DOC, IG, or NOAA requiring significant resources to meet short term (i.e., ≤ 1 Year) deadlines.



Acronym List (A thru M)



- Apache – An open source web server
- CASE – Computer Aided System Engineering
- CATV – Cable Television
- C&A – Certification and Accreditation
- COOP – Continuity of Operations
- COTS – Commercial Off The Shelf
- CP – Contingency Plan
- CPCS – Commerce Purchase Card System
- CSU – Channel Service Unit
- CT&E – Certification Test & Evaluation
- DOC – Department of Commerce
- DSU – Data Service Unit
- ETL – Extract, Transform and Load
- Fax – Facsimile
- FISMA – Federal Information Security Management Act
- GIS – Geographic Information System
- HW – Hardware
- IDE – Integrated Development Environment
- IG – Inspectors General
- IT – Information Technology
- ITSO – Information Technology Security Officer
- ISSO – Information System Security Officer
- LAN – Local Area Network
- Linux – An open source Unix-based operating system
- MAN – Metropolitan Area Network
- Metadata – Data that describes other data
- MySQL – An open source relational database system



Acronym List (N thru Z)



- NAC – Network Access Control
- NAS – Networked Attached Storage
- N-CIRT – NOAA Computer Incident Response Team
- OCIO – Office of the Chief Information Officer
- OMB – Office of Management and Budget
- PIRS – Program Information Reporting System
- PBX – Private Branch Exchange
- PHP – Pre Hypertext Processor, a scripting language for web servers
- POA&M – Plan of Action and Milestone
- POTS – Plain Old Telephone Service
- PPBES – Planning, Programming, Budgeting and Execution System
- SAN – Storage Area Network
- SAR – Security Assessment Report
- SSP – System Security Plan
- ST&E – Security Test & Evaluation
- RA – Risk Assessment
- SW – Software
- T1 & T3 – Type of telecommunication line, T1 (1.544 Mbps), T3 (44.736 Mbps)
- USB – Universal Serial Bus
- VoIP – Voice over Internet Protocol
- VPN – Virtual Private Network
- VTC – Video Conferencing
- WAN – Wide Area Network
- Wiki – Web site that can be edited by visitors
- Wrapper – Data structure or software that contains (“wraps around”) other data or software so it can exist in a new system