Reimbursable Project Walkthru

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Prerequisites

Prerequisites: Master Data; budget structure project; planned, scheduled operative project; identify master data fitting requirements of demo, this last might be tough

Projects used in presentation:
Budget Structure

▽ 🏛 Project Definition BS-000001	BS-123456	
▽ △ OMN	BS-123456.1	
△ Charging WBS	BS-123456.11	
△ stat wbs labor	BS-123456.2	
▽ △ advance preq	BS-123456.3	
△ charge object	BS-123456.31	

Operative Project

🏛 Project Definition DR-123456	DR-123456
▽ △ 1780 WC01 Direct Appropriated V	DR-123456.01
▽ 🖥 WC01 NW Direct Appropriated	100000023360
▭ NWA LABOR WC01 A	100000023360 0010
▭ NWA LABOR WC01 B	100000023360 0020
▭ NWA LABOR WC01 C	100000023360 0030
▭ NWA EXT WC01	100000023360 0040
▭ NWA GEN COSTS A	100000023360 0050
▭ NWA LABOR WC01 A	100000023360 0060
▭ NWA LABOR WC01 C	100000023360 0070
▭ NWA LABOR WC01 B	100000023360 0080
▭ NWA GEN COSTS A	100000023360 0090
▭ NWA LABOR WC01 A	100000023360 0100
▭ NWA EXT WC01	100000023360 0110
▭ NWA LABOR WC01 C	100000023360 0120

Process Overview

- Budget Structure Project is created and budgeted.
- Direct project is created. The project must begin with the characters DR. The project must contain WBS elements, networks and network activities.
- Direct Project is planned and scheduled.
- Operative project is funded through creation of procurement documents against the budget structure
- Project is funded either by sales orders or mission funded.
- Project objects are released. If the project has a billing element funded by a sales order then the billing element will be automatically released as part of the funding process since the billing element must be released for the billing process to post correctly.
- Funding is assigned to the lowest level charge objects – either network activities or activity elements.
- Costs are posted to the lowest level charge objects – either network activities or activity elements. The WBS elements will not allow any cost postings directly to them.
- 100% budget control is managed in Funds Management (FM). Direct projects cannot overspend their assigned budgets.
- When the project is complete the system status of the completed objects is changed to TECO.
- Invoices sent by the operative project are recorded as vendor invoices on the budget structure project.

Budget Structure Budgeting

Enter *Appropriation* to Department of Navy

| Document | 1000001363 | Status | Posted | | Document Year | 2008 |

Header Data | Additional Data

Process	Enter	Total	100,000,000.00		
Budget Category	Payment	Version	0		
Document type	E1 (Echelon1 Enter)	Document Date	03/18/2008		
		Posting Date	03/18/2008		
Fiscal Year	2008	Period	006		

Lines

Line	Type	Fund	Funds Center	Commitment item	Functional Area	Funded Program	Amount (USD)	Text
000001	APP	21081	17	EXPNDITURES	00000-00-LOCAL00	NAVY	100,000,000.00	

Comments: Manually done by FMB at Navy HQ, this entry is a control total representing the total appropriation. Are there postings to the budgetary ledger?
Transaction Code: FMBB
Key Data Requirements:
Document type - E1 – budget entry to Echelon 1
Budget type – APP – Appropriation
Funds Center – 17 – Department of Navy –note 2 digit FC
Commitment Item – Top of expenditure commitment item hierarchy
Fund – 5 digit – high level appropriation – first 2 fund code, next 2 FY, next 1 – length of money

Department of Navy *Apportions* budget to Command Level – NAVAIR and to activity/subactivity level

Document	1000001364	Status	Posted		Document Year	2008

Header Data | Additional Data

Process	Transfer	Total Sender	1,000,000.00	
		Total Receiver	1,000,000.00	
Budget Category	Payment	Version	0	
Document type	E1E1 (Echelon1 Aportio	Document Date	03/18/2008	
		Posting Date	03/18/2008	

Sender

Fiscal Year	2008	Period	006

Receiver

Fiscal Year	2008	Period	006

Split

Lines

-/+	Line	Type	Fund	Funds Center	Commitment item	Functional Area	Funded Program	Amount (USD)
-	000001	APP	21081	17	EXPNDITURES	00000-00-LOCAL00	NAVY	1,000,000.00
+	000002	APOR	210811A2A	19	EXPNDITURES	00000-00-LOCAL00	NAVY	1,000,000.00

Comments: This entry is normally created through an interface to PBIS, this is a manual simulation. Does the interface make postings to the budgetary ledger?

Transaction Code: FMBB

Key Data Requirements:

Document type - E1E1 – move money within Echelon 1 to activity/subactivity

Budget type – reduce APP – appropriation, increase APOR – apportionment

Funds Center – 19 – Systems Command NAVAIR, the receiver funds center for NAVAIR should have been a three digit funds center (e.g. 190 - NAVAIR)

Fund - 9 digit – same first 5, last 4 identifies activity subactivity

Command Level – Command Level *Allocates* budget to Program Management Office

Comments: This entry is normally created through an interface to PBIS, this is a manual simulation. The PBIS interface creates an entry to the budgetary ledger.

Transaction Code: FMBB

Key Data Requirements:

Document type - E1E2

Budget type – reduce APOR, increase ALOC

Funds Center – For this presentation, a 5 digit FC identifies program management office.

Different parts of the NAVY may have different naming and numbering conventions.

Program Management Office Allots Budget to Project Office

-/+	Line	Type	Fund	Funds Center	Commitment item	Functional Area	Funded Program	Amount (USD)	Text
-	000001	ALOC	210811A2A	1901P	EXPNDITURES	00000-00-LOCAL00	NAVY	1,000,000.00	
+	000002	ALOT	210811A2A	1901PM2020	EXPNDITURES	00000-00-LOCAL00	NAVY	1,000,000.00	
-	000003	4570	210811A2A	1901P	BUDRES	00000-00-LOCAL00	NAVY	1,000,000.00	ADDITIONAL LINE
+	000004	4580	210811A2A	1901PM2020	BUDRES	00000-00-LOCAL00	NAVY	1,000,000.00	ADDITIONAL LINE

Comments: This is a manual entry made by the Budget or Comptroller's office at the system command which allots budget to a project office. This is first consumable budget type; budgets prior to this step could not be expended.

Transaction Code: FMBB

Key Data Requirements:

Document type – E2E3

Budget type – reduce ALOC, increase ALOT

Funds Center – 10 digit Funds Center identifies project office

Budgetary Ledger Posting

Display Document: Data Entry View

Display Currency | General Ledger View

Data Entry View

Document Number	3000001435	Company Code	1719	Fiscal Year	2008
Document Date	03/18/2008	Posting Date	03/18/2008	Period	6
Reference	3000000000004019	Cross-CC no.			
Currency	USD	Texts exist	☐	Ledger Group	

C...	Itm	PK	S	Account	Description	Amount	Curr.	Tx
1719	1	50		1010.1000	FBWT	1,000,000.00–	USD	
	2	40		1010.1000	FBWT	1,000,000.00	USD	
	3	40		3101.0100	Unexp Appn-Appn Recd	1,000,000.00	USD	
	4	50		3101.0100	Unexp Appn-Appn Recd	1,000,000.00–	USD	
	5	40		4560.0100	FundsAvail-Allot	1,000,000.00	USD	
	6	50		4570.0100	Allotments Issued	1,000,000.00–	USD	
	7	40		4580.0100	Allotments Recvd	1,000,000.00	USD	
	8	50		4610.0100	Allot-Real-Resources	1,000,000.00–	USD	

Assign budget to Budget Structure Project from FM budget address

Transfer Budget from FM to WBS Elements

Sender Information

Fund	Fund Center	Functional Area	Commitment Item	Funded Program
210811A2A	1901PM2020	00000-00-LOCAL00	EXPNDITURES	NAVY

Amount	Text	Posting Date
1000000.00		03/27/2008

Receivers

WBS	AMOUNT	TEXT
BS-123456.1	100,000.00	

Comments: This transaction allots a specific amount of money to the charging WBS on the budget structure project. It generates a budget transfer from the funded program 'NAVY' to one specifically created for the project. The budget must be assigned to a WBS element which is superior to the WBS element used to fund the project desired.

Transaction Code: ZQ05

Key Data Requirements:

Pretty straightforward, all fields are equally important

FM Document

A budget transfer transaction is created:

Entry Document

Header	Additional Data

Document	1000001367	Status	Posted	Document Year	2008	FM Area
Process	Transfer	Total Sender	100,000.00	USD		
Value Type	Budget	Total Receiver	100,000.00	USD		
Budget Category	Payment	Version	0	Fiscal Year	2008	
Document type	E3	Document Date	03/18/2008			
		Posting Date	03/18/2008			

Year	Periods

Line	-	Fund	Funds Center	Commitment item	Functional Area	Funded Program	Type
000001	-	210811A2A	1901PM2020	EXPNDITURES	00000-00-LOCAL00	NAVY	ALOT
000002	+	210811A2A	1901PM2020	EXPNDITURES	00000-00-LOCAL00	BS0000000023.B008.000000	ALOT

Creates entry in custom table: ZTQMD022

Assign Funding to Charge Object

Display Charge Object Funding Assignment

Project / Assignment

Project definition	BS-123456	Project Definition BS-000001
Assignment		
Fiscal Year		

Project Structure: Idenitification		Description	Assignment	From Date	To Date
BS-123456		Project Definition BS-000001			
BS-123456.1		OMN			
BS-123456.11	☐	Charging WBS	210811A2A.1901PM202...	10/01/2006	09/30/2008
BS-123456.3		advance preq			
BS-123456.31	☐	charge object			

Comments: This transaction associates the charging object with the funding. It will enable the funding PR to consume the funds that were placed on the budget structure WBS element. The WBS element selected must be subordinate to the WBS element entered on the ZQ05 transaction.
Transaction Code: ZQ01
Key Data Requirements:

Creates entry in custom table ZTQMD015 which associates the charge object with a budget object.

Create PR against budget structure

Comments: The funding PR is the start of the process of sending funding from System Command HQ to the System Center.

Transaction Code: ME51N

Key Data Requirements:

Document type - Navy Fund doc PR

Account assignment – P – project

Item Category – B – Limit

Plant – must be the plant associated with the command HQ

Purchasing Group – important as it helps determine workflow – should identify the location which will have to accept the funding

Desired Vendor – determines workflow, also identifies location that will perform the work

Material Group – is related to FSC code for services on funding PR

Limits – overall limit and expected value are the amount of funding to be sent from the budget structure to the operative project

Enter the amount of budget to be allocated in both overall limit and expected value

Limits	Material data	Quantities/Dates	Valuation	Account assignment	Source of Supply	Statu

AccAssCat Project Distribution Single account assignme CoCode NAVAIR

Unloading Point _____ Recipient _____

G/L account no.	6100.3253
Business Area	19HQ
CO Area	1000
Cost Center	
WBS element	BS-123456.11 Network
Fund	210811A2A
Functional Area	00000-00-LOCAL00
Funds Center	1901PM2020 Commitment item 6100.3253
Earmarked funds	0

Enter GL account no – identifies the type of expense
WBS element – identifies the budget structure WBS element holding the budget.

Valuation	Account assignment	Source of Supply	Status	Contact person	Release strategy	Texts	Delivery address	Customer data

Print PR   Ad Hoc Approver(s)   Potential PO Doc Type ZFD

Navy Line Item Funding Document Approval Status

DODAAC	N00019	AMENDMENT	0000	PAY OFFICE DODAAC	
STANDARD DOC NUM	HAHSHSAHSAHSAHA	SPIIN		ACRN	AA
CLIN		SLIN		POP START DATE	03/18/2008

ACRN –
Standard document number

Valuation	Account assignment	Source of Supply	Status	Contact person	Release strategy	Texts	Delivery address	Customer data

Print PR   Ad Hoc Approver(s)   Potential PO Doc Type ZFD

Navy Line Item Funding Document Approval Status

REQUEST DATE	03/18/2008		
RECEIVING WBS	DR-123456.01	CONTROL SYMBOL NUM	
INSTRUMENT TYPE		DIRECT CITE ☐	

Receiving WBS – the billing WBS element on the operative project receiving the funding

Follow menu path: Enivonment → AC commitment documents to see the other documents generated

Documents in Accounting

Object type text	Doc. Number	Ld
Accounting document	3000001438	
Spec. purpose ledger	1000005816	
Funds Management doc	1400000220	
CO Commitments	1400000220	

Original document

Budgetary Ledger document

Display Document: Data Entry View

Display Currency   General Ledger View

Data Entry View

Document Number: 3000001438	Company Code 1719	Fiscal Year	2008
Document Date 03/18/2008	Posting Date 03/18/2008	Period	6
Reference 3000000000004022	Cross-CC no.		
Currency USD	Texts exist ☐	Ledger Group	

C...	Itm	PK	S	Account	Description	Amount	Curr.	Tx
1719	1	40		4610.0100	Allot-Real-Resources	100,000.00	USD	
	2	50		4700.0100	Commitments	100,000.00–	USD	

Funds Management document

Document Journal

Selections

Document Journal

03/19/2008 14:50:38

Val.type text	Amt type	Prd	FM pstg d.	Commt bdgt	Pymt Bdgt	Cmmt item	Funds Center	Fund	G/L Acc	CoCd	Customer	Vendor	Stat.Ind.	C/f level	C	Text	Funded Program
Purchase Requisitions	0100	6	03/18/2008		100,000.00	6100.3253	1901PM2020	210811A2A	6100.3253	1719	SN00421PRZ	20000013			F	widgets for navair	BS0000000023.B008.000001

There is workflow, at the end of the workflow, the PR is released
Upon release, the Purchase Order and Sales Order are created automatically

PO against budget structure

Comments: The above PO was created manually to simulate the automated process. The funding PO automatically created upon the final release of the funding PR.

Transaction Code: ME21N

Key Data Requirements:

Doc type – Navy Funding Document PO

Purchasing Org - 1700

Follow menu path: Environment → AC commitment documents to see the other documents generated

Documents in Accounting

Object type text	Doc. Number	Ld
Accounting document	3000001439	
Spec. purpose ledger	1000005817	
Funds Management doc	4540000068	
CO Commitments	4540000068	

Original document

Budgetary Ledger document

Display Document: Data Entry View

Display Currency   General Ledger View

Data Entry View

Document Number 3000001439	Company Code 1719	Fiscal Year 2008
Document Date 03/18/2008	Posting Date 03/18/2008	Period 6
Reference 3000000000004024	Cross-CC no.	
Currency USD	Texts exist ☐	Ledger Group

C...	Itm	PK	S	Account	Description	Amount	Curr.	Tx
1719	1	40		4700.0100	Commitments	100,000.00	USD	
	2	50		4801.0100	UndOrd-Obl-Unpaid	100,000.00–	USD	

Moves from commitment to obligation

Funds Management document

Document Journal

Selections

Document Journal

03/19/2008 15:09:05

RefDocNo	Item	Val.type text	Amt type	Prd	FM pstg d.	C..	Pymt Bdgt	Cmmt item	Funds Center	Fund	G/L Acc	CoCd	Customer	Vendor	Stat.Ind.	C/f level	C	Text	Funded Program
4540000068	10	Purchase Orders	0100	6	03/18/2008		100,000.00	6100.3253	1901PM2020	210811A2A	6100.3253	1719	SN00421PRZ	20000013				widgets for navair	BS0000000023.B008.000001

Adds the budget consumption in PO status

There is also a follow on update the commitment document generated by the PR

Document Journal

Document Journal

03/19/2008 15:11:46

RefDocNo	Item	Val.type text	Amt type	Prd	FM pstg d.	Pymt Bdgt	Cmmt item	Funds Center	Fund	G/L Acc	CoCd	Customer	Vendor	C	Text	Funded Program
1400000220	10	Purchase Requisitions	0100	6	03/18/2008	100,000.00	6100.3253	1901PM2020	210811A2A	6100.3253	1719	SN00421PRZ	20000013	F	widgets for navair	BS0000000023.B008.000001
			0200	6		100,000.00–	6100.3253	1901PM2020	210811A2A	6100.3253	1719	SN00421PRZ	20000013	F	widgets for navair	BS0000000023.B008.000001

Note the amount type 0200 entry reducing the budget consumption in PR status

Send Funding

Create Sales Order

Comments: The below SO was manually created.

Normally the sales order is created as a result of the final approval of the funding PR simultaneously with the creation of the PO which is also created from the funding PR.
Transaction Code: VA01
Key Data Requirements: None

Display Reimb Order 5000000116: Overview

Reimb Order	5000000116		Net value	100,000.00	USD
Sold-to party	CN00019	Naval Air System Command Gen Funds ERP / Naval Air Station /			
Ship-to party	SN00019RTD	NAVAIRSYSCOMHQ MCA / 47123 BUSE ROAD UNIT IPT / PATUX			
Std Document No	HAHSHSAHSAHSAHA		FA Date		

Sales | Item overview | Item detail | Ordering party | Procurement | Shipping | Fast data entry | Reason for rejection

Req. deliv.date	D 03/18/2008	Deliver.Plant		
Contract start	10/01/2007	Contract end	09/30/2008	
☐ Complete dlv.		Total Weight	0	KG
Delivery block		Volume	0.000	
Billing block		Pricing date	03/18/2008	
Payment terms	0001 Pay immediately w/o	Incoterms	FOB Free on Board	
Order reason				
Sales area	1780 / 00 / 00 NAWC (WD&AD), Navy Common, Navy Common			

All items

Item	Material	Orde	SU	S	Description	ItCa	Plnt	CnTy	Amount	WBS Element	Reimb Source	Price group
10	99994100006		1 EA	☐	Eng Services	ZWCF	WC01	ZINI	100,000.00	DR-123456.01	WCF	NAVY/MARINE

Some important fields are:

Standard document number

Material number – used to determine to which revenue account the document will post

Item category

Plant

Reimbursable source

Price group

The fund and functional area are established via an FM derivation user exit and are based upon plant. The funds center is derived from the responsible cost center on the billing WBS.

Additional Data B

When a sales order is created via the automated PR approval process, the Begin and End FY are not filled in. The sales order is not complete until this information is filled in and the document is saved. These fields are not filled for two reasons: in some cases, this information can not be derived; and in all cases, this forces another manual check prior to the funding being made available for spending.

Automatic Budget Posting

Automatic Budget Posting configuration and processes, create the following FM document which funds the operative project

Entry Document

Header	Additional Data		

Document	1000001370	Status	Posted	Document Year 2008 FM Area 1000
Process	Transfer	Total Sender	200,000.00	USD
Value Type	Budget	Total Receiver	200,000.00	USD
Budget Category	Payment	Version	0	Fiscal Year 2008
Document type	E3	Document Date	03/18/2008	
		Posting Date	03/18/2008	

Year	Periods

Line	-	Fund	Funds Center	Commitment item	Functional Area	Funded Program	Type	
000001	+	97X4930N	80A	EXPNDITURES	00000-00-LOCAL00	NAVY	APE3	
000002	-	97X4930N	80A100000A	EXPNDITURES	WCFDR-00-LOCAL0I	NAVYR	ALOT	
000003	+	97X4930N	80A100000A	EXPNDITURES	WCFDR-00-LOCAL0I	DR5000000116.0010.000000	ALOT	
000004	-	97X4930N	80A	EXPNDITURES	00000-00-LOCAL00	NAVY	APE3	

Assign Funding to Billing WBS Element on Operative Project

Process Sales Order Funding

Selection Criteria

Sales Document	5000000116	to	
WBS element		to	
Created on		to	
Created by		to	
Layout set			

☐ Turn off Workflow messages
☑ Display error records only
☐ Test Mode

Logging Options

Zmon	☑	Spool	☐

Comments: The ZQ29 process runs periodically throughout the day and generates entries in the ZTQMD022 (the multiple assignment) table and creates the funded program that holds the budget.
Transaction Code: ZQ29
Key Data Requirements: Sales Order

Reporting Prior to Project Execution

ZRQIS0002 Reporting: On budget structure project

Project Budget Hierarchy Report

System:	RD5				Navy ERP						Date:	03/19/2008
Client:	500				Project Budget Hierarchy Report						Time:	15:36:51
User :	WOLCOTTH				(ZRQIS0002_BUDGET_HIER_RPT)							
Project definition	BS-123456											
FM Area	1000											
Fund	210811A2A											

Hierarchy View

Navigation View											
Navigation Items	Project Structure	TEXT	Planned C..	Budget	Commitments	Obligations	Actual Costs	Actual Revenues	Assigned Costs	Available Budget
▣ Company Code	BS-123456	Project Definition BS-000001	0.00	0.00	0.00	100,000.00	0.00	0.00	100,000.00	100,000.00-
▣ Business Area	△ BS-123456.1	OMN	0.00	100,000.00	0.00	100,000.00	0.00	0.00	100,000.00	0.00
▣ Plant	▷ △ BS-123456.11	Charging WBS	0.00	0.00	0.00	100,000.00	0.00	0.00	100,000.00	100,000.00-
▣ Work Center	Totals		0.00	100,000.00	0.00	100,000.00	0.00	0.00	100,000.00	100,000.00-

This shows that the budget has been consumed and budget consumption is in a status of obligation (PO).

ZRQIS0002 Reporting : On operative project

Project Budget Hierarchy Report

System:	RD5				Navy ERP						Date:	03/19/2008
Client:	500				Project Budget Hierarchy Report						Time:	15:40:03
User :	WOLCOTTH				(ZRQIS0002_BUDGET_HIER_RPT)							
Project definition	DR-123456											
FM Area	1000											
Version	0											

Hierarchy View

Navigation View									
Navigation Items	Project Structure	TEXT	Planned Cost	Budget	Commitments	Obligations	Actual Costs	Actual Revenues	Assigned Costs
▣ Company Code	DR-123456	Project Definition BS-000001	0.00	0.00	0.00	0.00	0.00	0.00	
▣ Business Area	▷ △ DR-123456.01	1780 WC01 Direct Appropriated WBS	0.00	100,000.00	0.00	0.00	0.00	0.00	
▣ Plant	Totals		0.00	0.00	0.00	0.00	0.00	0.00	
▣ Work Center									

Report shows that $100,000 budget has been received

ZQ17 – on budget structure project

Display Existing Funding

Project Structure: Idenitification	Description
BS-123456	Project Definition BS-000001
BS-123456.1	OMN
210811A2A.1901PM2020.00000-00-LOCAL00 / 2008	
BS-123456.11	Charging WBS
210811A2A.1901PM2020.00000-00-LOCAL00	

Project def.	BS-123456	Project Definition BS-000001
WBS element	BS-123456.1	OMN

Assignment	210811A2A.1901PM2020.00000-00-LOCAL00
Fiscal Year	2008
Fund	210811A2A OM&N FY08
Funds Center	1901PM2020 Aircrew Systems Program Office
Functional Area	00000-00-LOCAL00 Generic Functional Area
Budget Measure	BS0000000023.B008.000000
Budget Indicator	☑
Inactive Indicator	☐
FndRec Ind	B

Display Existing Funding

Project Structure: Idenitification	Description
BS-123456	Project Definition BS-000001
BS-123456.1	OMN
210811A2A.1901PM2020.00000-00-LOCAL00 / 2008	
BS-123456.11	Charging WBS
210811A2A.1901PM2020.00000-00-LOCAL00	

Project def.	BS-123456	Project Definition BS-000001
WBS element	BS-123456.11	Charging WBS

Assignment	210811A2A.1901PM2020.00000-00-LOCAL00
Funded Program	BS0000000023.B008.000001
Budget Measure	BS0000000023.B008.000000

ZQ17 – on operative project

Display Existing Funding

Project Structure: Idenitification	Description
DR-123456	Project Definition BS-000001
DR-123456.01	1780 WC01 Direct Appropriated W...
5000000116.000010	

Project def.	DR-123456	Project Definition BS-000001
WBS element	DR-123456.01	1780 WC01 Direct Appropriated WBS

Assignment	5000000116.000010
Fiscal Year	
Fund	97X4930N Navy WCF 97 4930 N
Funds Center	80A100000A PX 1.0 Program Management
Functional Area	WCFDR-00-LOCAL00 WCF DIR
Budget Measure	DR5000000116.0010.000000
Budget Indicator	☑
Inactive Indicator	☐
FndRec Ind	S

Operative Project Execution

Associate charge objects on Operative Project with funding

Comments: This transaction associates the charge objects (network activities) with the funding.

Transaction Code: ZQ01

Key Data Requirements: None

Reimbursable Project Flow

Note: that all network activities are now released and have a user status of funding assigned

Change Status

Network 100000023360   WC01 NW Direct Appropriated
Activity 0010 /   NWA LABOR WC01 A
Ctrl key NS01   Work ctr   513500A   Confirm.   58925

Status   Business processes

System status

Stat	Text
☑ REL	Released

🔺 Active Status

Status with status no.

	No	Stat	Text
○	1	UNAS	Unassigned - No Costs
◉	2	FASG	Funding Assigned

Status w/o status no.

	Stat	Text
☐	FNBL	Reject Status – Blk Final Bill
☐	HOLD	On Hold
☐	NCHG	No Change Object #
☐	NCLB	Prohibit Civilian Labor
☐	NCSS	Prohibit Contractor Labor
☐	NMLB	Prohibit Military Labor

☑ ChangeDocuments   Status profile   N0000001   Navy - Direct Projects (DR)

Confirm time against network

Create Network Confirmation: Actual Data	⊠

Activity	0010	NWA LABOR WC01 A
Work Center	513500A ⊡01	VX-20 PROJECT LIAISON BR
Personnel no.		

Reason		Short Descript.	test

Processing

☐ FinalConf   ☐ No date update
☐ Clear Open Reservs.

Costs

Posting date	03/19/2008
Activity Type	CR0007

Activity

	Start Date	Time	Finish Date	Time	Duration UoM	Work UoM
Earl.sched	03/17/2008		03/17/2008		0.0 DAY	0.0 HR
Ltst.sched	03/17/2008		03/17/2008			
Actual					0 DAY	0.0 HR

Confirm.

Actual				5.0 HR
Forecast				HR

✔ 💾 ✏ 📋 Activity/Operation   👤 Goods movements   ℹ Status   ✖
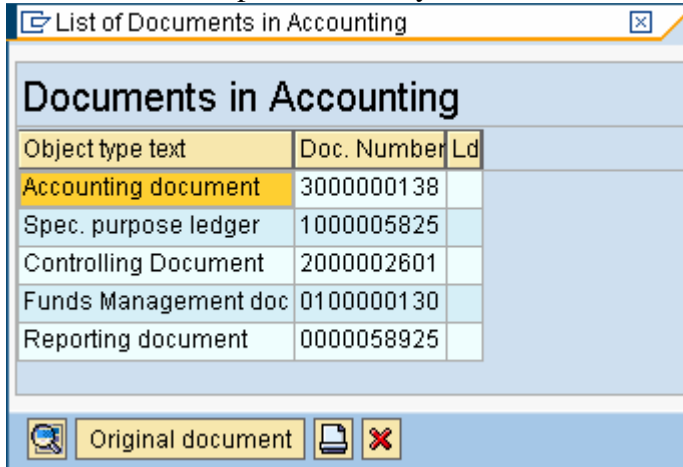
Comments: The above confirmation is a simulation of what will happen when someone enters their time through CATS
Transaction Code: CN25
Key Data Requirements: Network/Activity/Work Center/Activity Type/Quantity

The confirmation produces many financial documents

Documents in Accounting		
Object type text	Doc. Number	Ld
Accounting document	3000000138	
Spec. purpose ledger	1000005825	
Controlling Document	2000002601	
Funds Management doc	0100000130	
Reporting document	0000058925	

Original document

CO document – Credits cost center, debits network activity

Display Actual Cost Documents

| Document | Master Record | | | | | | | | | | | |

| Layout | 1SAP | Primary cost posting |
| COarea currency | USD | USD |

| DocumentNo Doc. Date Document Header Text | | | RT RefDocNo | User | Rev RvD | |
| PRw OTy Object | CO object name | Cost Elem. Cost element name | | Value COCurr | Total quantity PUM O Offst.acct |

2000002601 03/19/2008			R 58925	WOLCOTTH		
1 ATY 80A513500A/CR0007	PX 5.1.3.5 / CIV PAY B 7	602007	CIV PAY B 7	250.00-	5.0- HR
2 NWA 100000023360 0010	NWA LABOR WC01 A	602007	CIV PAY B 7	250.00	5.0 HR

Budgetary ledger document

Display Document: Data Entry View

| Display Currency | General Ledger View |

Data Entry View

Document Number	3000000138	Company Code	1780	Fiscal Year	
Document Date	03/19/2008	Posting Date	03/19/2008	Period	
Reference	3000000000004039	Cross-CC no.			
Currency	USD	Texts exist	☐	Ledger Group	

C...	Itm	PK	S	Account	Description	Amount	Curr.	Tx
1780	1	40		1010.1000	FBWT	250.00	USD	
	2	50		1010.1000	FBWT	250.00–	USD	
	3	50		4610.0100	Allot-Real-Resources	250.00–	USD	
	4	40		4610.0100	Allot-Real-Resources	250.00	USD	
	5	40		4902.0100	DelOrders-Obl-Paid	250.00	USD	
	6	50		4902.0100	DelOrders-Obl-Paid	250.00–	USD	
	7	50		6100.9999	OE-PCZero-Bal-Bud-Ob	250.00–	USD	
	8	40		6100.9999	OE-PCZero-Bal-Bud-Ob	250.00	USD	

Funds Management document – credits sender budget object, debits receiver budget object

Display FI-FM local actual single docs

There is/are 0001 document(s) with 00002 line items

| DocumentNo D Period Year CoCd R Ver Ld RefDocumnt D Posted on Value date User | | | | | | | | |
| LnItm Item Funds Ctr | Tran Fund | Cmmt item VT Amt type G/L | Object number | BTran Functional Area | Funded Program | Crcy LC Amount Key Text Entry date |

100000130 S	6 2008 1780 0 0	9C 2000002601 K 03/19/2008 10/01/2007 WOLCOTTH				
001	1 80A513500A	97X4930N 602000	95 0100	602007 KS100080A513500A	RKL	WCFPD-00-LOCAL00 NAVY	USD	250.00- USD test 03/19/2008
002	2 80A100000A	97X4930N 602000	95 0100	602007 NV000002356100000001 RKL		WCFDR-00-LOCAL00 DR5000000116.0010.000001 USD	250.00 USD test 03/19/2008

Create Services PR

Comments: Services PR, actuals will be entered through service entry on the basis of value (not quantity).

Transaction Code: ME51N

Key Data Requirements: Network/Activity/Work Center/Activity Type/Quantity

Document type – Navy SPS Purchase Request

Item category – D - services

Account assignment category - N

The following accounting documents have been created:

Documents in Accounting

Object type text	Doc. Number	Ld
Accounting document	3000000139	
Spec. purpose ledger	1000005832	
Funds Management doc	1300000090	
CO Commitments	1300000090	

Original document

Accounting Document

Display Document: Data Entry View

Display Currency   General Ledger View

Data Entry View

Document Number	3000000139	Company Code	1780	Fiscal Year	2008
Document Date	03/19/2008	Posting Date	03/19/2008	Period	6
Reference	3000000000004056	Cross-CC no.			
Currency	USD	Texts exist	☐	Ledger Group	

C...	Itm	PK	S	Account	Description	Amount	Curr.	Tx
1780	1	40		4610.0100	Allot-Real-Resources	1,000.00	USD	
	2	50		4700.0100	Commitments	1,000.00–	USD	

Funds Management Document

Document Journal

Selections

Document Journal

03/19/2008 21:39:11

RefDocNo	Item	Val.type text	Amt type	Prd	FM pstg d.	Pymt Bdgt	Cmmt item	Funds Center	Fund	G/L Acc	CoCd	Vendor	Text	Funded Program
1300000090	1	Purchase Requisitions	0100	6	03/19/2008	1,000.00	6100.3252	80A100000A	97X4930N	6100.3252	1780	10000015	test service req	DR5000000116.0010.000004

Convert PR to PO

Comments: This PO is a simulation. The PO will be created as a result of the last approval required on the PR. The PR will be sent to SPS. Upon return from SPS, the SPS interface will create a PO.
Transaction Code: ME21N
Key Data Requirements: None

FI Document

FM Document

Service Entry Sheet

Comments: Service entries are created with reference to the PO and Item number. They are entered as a value. Service entries must be accepted (🖋). To find the accounting documents created, follow menu path: Environment → Purchase Order history
Transaction Code: ML81N

Key Data Requirements: PO #, PO Item #, Network
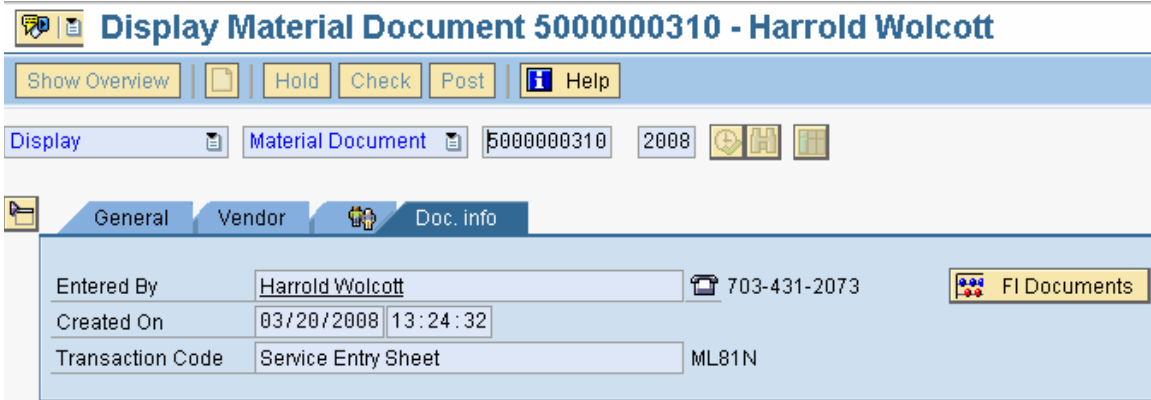
PO History for Purchase Order 4530000102 Item 00010

Text	MvT	Material Do...	Item	Posting Date	ε	Quantity	Delivery cost quantity	OUn	ε	Amt.in loc.cur.	L.cur	ε	Qty. in order pr.un.	DelCostQty (OPUn)	Or...	ε
GR	101	5000000310	1	03/20/2008						500.00	USD					
Tr./ev. Goods receipt									▪	500.00	USD					▪
SEnt		1000000235		03/20/2008						500.00	USD					
Tr./ev. Service entry									▪	500.00	USD					▪

Double-click the GR
Click on the Doc. Info tab

Material document

Display Material Document 5000000310 - Harrold Wolcott

Show Overview | Hold | Check | Post | Help

Display | Material Document | 5000000310 | 2008
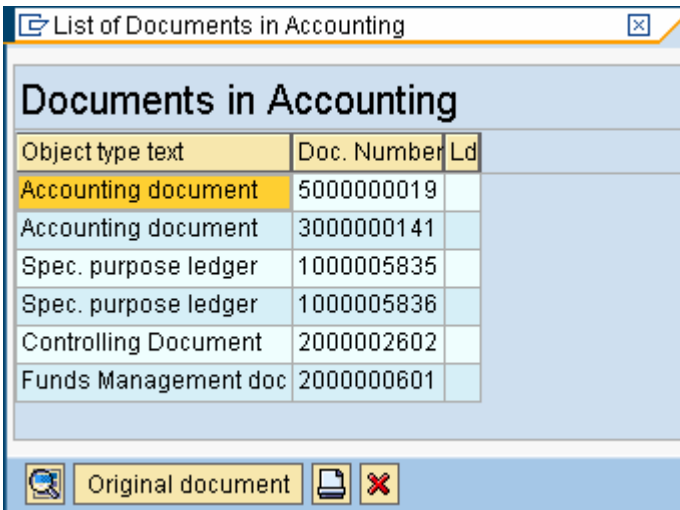
General | Vendor | Doc. info

Entered By	Harrold Wolcott	☎ 703-431-2073	FI Documents
Created On	03/20/2008 13:24:32		
Transaction Code	Service Entry Sheet	ML81N	

Click the [FI Documents] button

List of Documents in Accounting

Documents in Accounting

Object type text	Doc. Number	Ld
Accounting document	5000000019	
Accounting document	3000000141	
Spec. purpose ledger	1000005835	
Spec. purpose ledger	1000005836	
Controlling Document	2000002602	
Funds Management doc	2000000601	

Original document

Note there are two FI docs

FI Document 'Standard' Posting

Display Document: Data Entry View

Display Currency   General Ledger View

Data Entry View

Document Number 5000000019	Company Code 1780	Fiscal Year 2008
Document Date 03/20/2008	Posting Date 03/20/2008	Period 6
Reference	Cross-CC no.	
Currency USD	Texts exist ☐	Ledger Group

C...	Itm	PK	S	Account	Description	Amount	Curr.	Tx
1780	1	81		6100.3252	OE-PC CSS-Oth-Serv	500.00	USD	
	2	96		2110.2902	A/P-Publ-GRIR	500.00–	USD	

The above the 'standard' SAP recording the expense against the GRIR

FI Budgetary Ledger Posting

Display Document: Data Entry View

Display Currency   General Ledger View

Data Entry View

Document Number 3000000141	Company Code 1780	Fiscal Year 2008
Document Date 03/20/2008	Posting Date 03/20/2008	Period 6
Reference 3000000000004064	Cross-CC no.	
Currency USD	Texts exist ☐	Ledger Group

C...	Itm	PK	S	Account	Description	Amount	Curr.	Tx
1780	1	40		4801.0100	UndOrd-Obl-Unpaid	500.00	USD	
	2	50		4901.0100	DelOrders-Obl-Unpaid	500.00–	USD	

FM Documents

Display FM Document: Overview

Display FM Document: Overview

03/20/2008 14:50:27

FM Doc.No.	Itm	Fund	Funds Center	Cmmt item	Stat.Ind.	FMAC	FMAC Amnt	Ledger	Year	Per	FM pstg d.	FI doc.no.	Itm	Value type	Amt type	Funded Program
2000000601	1	97X4930N	80A100000A	6100.3252		USD	500.00	Payment Budget	2008	6	03/20/2008	5000000019	1	Invoices	Original	DR5000000116.0010.000004

The above is the recording of the expense within FM

Document Journal
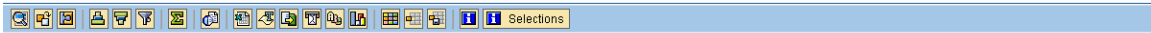
Document Journal

03/20/2008 14:52:04

RefDocNo	Item	Val.type text	Amt type	Prd	FM pstg d.	Commt bdgt	Pymt Bdgt	Cmmt item	Funds Center	Fund	G/L Acc	CoCd	Customer	Vendor	Stat.Ind.	C/f level	C	Text
4530000102	10	Purchase Orders	0200	6	03/20/2008		500.00-	6100.3252	80A100000A	97X4930N	6100.3252	1780		10000015				test service req
			0100	6	03/19/2008		1,000.00	6100.3252	80A100000A	97X4930N	6100.3252	1780		10000015				test service req

Note that the obligation was reduced by the amount of the service entry.

CO Document

Display Actual Cost Documents

Layout	1SAP	Primary cost posting
COarea currency	USD	USD

DocumentNo	Doc. Date	Document Header Text		RT	RefDocNo	User	Rev	RvD
PRw OTy Object		CO object name	Cost Elem.	Cost element name	Value COCurr	Total quantity	PUM O Offst.acct	

2000002602 03/20/2008   R 5000000310 WOLCOTTH
  1 NWA 100000023360 0040   NWA EXT WC01   6100.3252 OE-PC CSS-Oth-Serv   500.00   1 AU S 2110.2902

Material PR

Display Purch. requisition 1300000091

Document overview on | Personal setting

Navy SPS Pur. Req. | 1300000091

Texts

	Any...
Header note	

◀ ▶ Continuous-text

St..	Item	A	I	Material	Short text	Quantity	Unit	C	Delivery date	Matl group	Plant	Stor. loc.	PGr	Requisnr.	Tracking	Des.vendor
	1	N		010498747	ACCELEROMETER,MECHA	2	EA	D	03/20/2008	Flight Instrum	NAWC AD PAT		N1D			20000000

Item [1] 010498747 , ACCELEROMETER,MECHA

Valuation | **Account assignment** | Source of Supply | Status | Contact person | Release strategy | Texts | Delivery address | Customer data | Spec20

AccAssCat Network | Distribution Single account assignme | CoCode NAWC (WD &

Unloading Point	
G/L account no.	6100.3260
Business Area	80AD
CO Area	1000
Cost Center	
	Network 100000023360 0110
Fund	97X4930N
Functional Area	WCFDR-00-LOCAL00
Funds Center	80A100000A
Earmarked funds	0
	Commitment item 6100.3260

Recipient

Comments: Had to use a SPS document type because I could not find data which works with a MILSTRIP PR. MILSTRIP PRs are used for items which have a National Stock Number and a MILSTRIP purchasing group must be chosen.

Transaction Code: ME51N

Key Data Requirements: Document type, account assignment category - N

List of Documents in Accounting

Documents in Accounting

Object type text	Doc. Number	Ld
Accounting document	3000000142	
Spec. purpose ledger	1000005837	
Funds Management doc	1300000091	
CO Commitments	1300000091	

Original document

FI Document

FM Document

Material PO

Comments: This PO is a simulation. The PO will be created as a result of the last approval required on the PR. The PR will be sent to SPS. Upon return from SPS, the SPS interface will create a PO.

Transaction Code: ME21N

Key Data Requirements: None

Produces accounting docs

Documents in Accounting

Object type text	Doc. Number	Ld
Accounting document	3000000143	
Spec. purpose ledger	1000005838	
Funds Management doc	4530000105	
CO Commitments	4530000105	

Original document
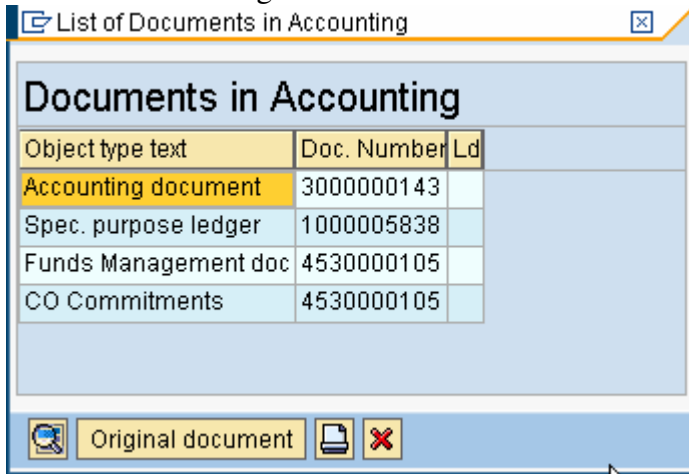
FI Document

Display Document: Data Entry View

Display Currency | General Ledger View

Data Entry View

Document Number: 3000000143	Company Code	1780	Fiscal Year 2008
Document Date 03/20/2008	Posting Date	03/20/2008	Period 6
Reference 3000000000004074	Cross-CC no.		
Currency USD	Texts exist	☐	Ledger Group

C...	Itm	PK	S	Account	Description	Amount	Curr.	Tx
1780	1	40		4700.0100	Commitments	3,470.00	USD	
	2	50		4801.0100	UndOrd-Obl-Unpaid	3,470.00–	USD	

FM records obligation

Document Journal

Document Journal

03/20/2008 17:58:27

Selections

RefDocNo	Item	Val.type text	Amt type	Prd	FM pstg d.	Commt bdgt	Pymt Bdgt	Cmmt item	Funds Center	Fund	G/L Acc	CoCd	Customer	Vendor	Stat.Ind.	C/f level	C	Text
4530000105	10	Purchase Orders	0100	6	03/20/2008		3,470.00	6100.3260	80A100000A	97X4930N	6100.3260	1780		20000000				ACCELEROMETER,MECHA

Goods Receipt for Material

Comments: The goods receipt is pretty straight forward. Had to enter serial numbers for the material chosen.
Transaction Code: MIGO
Key Data Requirements: PO document number

Material Document

Press [Accounting Documents...] button to display accounting documents

Accounting document for budgetary accounts

Accounting document (std SAP)

FM Document records expense

FM reduces obligation

Document Journal

Document Journal

03/24/2008 12:09:44

RefDocNo	Item	Val.type text	Amt type	Prd	FM pstg d.	Commt bdgt	Pymt Bdgt	Cmmt item	Funds Center	Fund	G/L Acc	CoCd	Customer	Vendor	Stat.Ind.	C/f level	C	Text
4530000105	10	Purchase Orders	0200	6	03/24/2008		3,470.00-	6100.3260	80A100000A	97X4930N	6100.3260	1780		20000000			X	ACCELEROMETER,MECHA
			0100	6	03/20/2008		3,470.00	6100.3260	80A100000A	97X4930N	6100.3260	1780		20000000			X	ACCELEROMETER,MECHA

Note the value type '200' update to the budget consumption in PO status

CO document

Display Actual Cost Documents

Document Master Record

Layout   1SAP   Primary cost posting
COarea currency USD   USD

```
 DocumentNo Doc. Date  Document Header Text                    RT RefDocNo    User      Rev RvD
   PRw OTy Object              CO object name     Cost Elem. Cost element name        Value COCurr      Total quantity PUM O Offst.acct

 2000002700 03/24/2008                                        R  5000000320 WOLCOTTH
    1 NWA 100000023360 0110   NWA EXT WC01        6100.3260  OE-PC CSS-Supp&Mat           3,470.00           2  EA  S 2110.1901
```

Reporting on Operative Project

ZRQIS0002 on operative project

Project Budget Hierarchy Report

System:	RD5
Client:	500
User :	WOLCOTTH
Project definition	DR-123456
FM Area	1000
Version	0

Navy ERP
Project Budget Hierarchy Report
(ZRQIS0002_BUDGET_HIER_RPT)

Date: 03/24/2008
Time: 12:11:48

Hierarchy View
Navigation View
Navigation Items
- Company Code
- Business Area
- Plant
- Work Center
- Assignment
- Value Type
- Date Dependent

Project Structure	TEXT	Planned Cost	Budget	Commitments	Obligations	Actual Costs	Actual Revenu	Assigned Costs	Available Budget
DR-123456	Project Definition BS-000001	0.00	0.00	0.00	500.00	4,220.00	0.00	4,720.00	4,720.00-
DR-123456.01	1780 WC01 Direct Appropri...	0.00	100,000.00	0.00	500.00	4,220.00	0.00	4,720.00	95,280.00
100000023:	NWA LABOR WC01 A	0.00	0.00	0.00	0.00	250.00	0.00	250.00	250.00-
100000023:	NWA EXT WC01	0.00	0.00	0.00	500.00	500.00	0.00	1,000.00	1,000.00-
100000023:	NWA EXT WC01	0.00	0.00	0.00	0.00	3,470.00	0.00	3,470.00	3,470.00-
Totals		0.00	0.00	0.00	500.00	4,220.00	0.00	4,720.00	4,720.00-

You can see affects of transactions, still have $500 in obligations, $$4220 in expenses, and $95,280 of available budget.

Follow on Processes

Invoice Receipt for Material PO

Comments: The invoice receipt is pretty straight forward.
Transaction Code: MIRO
Key Data Requirements: PO document number

Produces following material document

With following documents

Documents in Accounting

Object type text	Doc. Number	Ld
Accounting document	5100000015	
Spec. purpose ledger	1000005906	

Original document
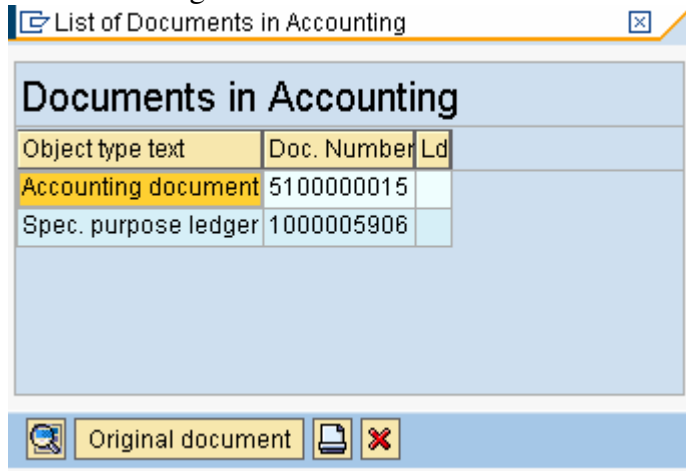
FI Document relieves GRIR and records liability to vendor

Display Document: Data Entry View

Taxes | Display Currency | General Ledger View

Data Entry View

Document Number	5100000015	Company Code	1780	Fiscal Year	2008
Document Date	03/24/2008	Posting Date	03/24/2008	Period	6
Reference		Cross-CC no.			
Currency	USD	Texts exist	☐	Ledger Group	

C...	Itm	PK	S	Account	Description	Amount	Curr.	Tx
1780	1	31		20000000	Generic Gov. Vendor	3,470.00–	USD	I0
	2	86		2110.1901	A/P-Govt-GRIR	3,470.00	USD	I0

Invoice Receipt for Services PO

Enter Incoming Invoice: Company Code 1780

	Show PO structure	Show worklist		Hold	Simulate	Messages	Help	NF

Transaction: Invoice   Balance 0.00 USD

Vendor 0010000015
THE BOEING COMPANY
ROUTE 291 & STEWART AVE.
RIDLEY PARK PA 19078-1099

Basic data | Payment | Details | Tax | Contacts | Note

Inv. recpt date 03/24/2008
Invoice date 03/24/2008   Reference
Posting Date 03/24/2008
Amount 500.00   USD   Calculate tax
Tax amount   I0 (A/P sales tax, 0%)
Text
Paymt terms 30 Days net
Baseline date 03/24/2008

Bank acct

Purchase Order/Scheduling Agreement 4530000102

Goods/service items
Layout All information

Item	Amount	Quantity	Or	Purchase	Item	PO Text	Tax Codes
1	500.00		☑	4530000102	10	test service req	I0 (A/P

Comments: Invoice receipt for a partial amount was a bit tricky to operate. Scroll to the

Acct assgt
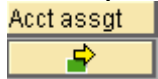
right and press the [→] button to enter the amount on the document line item.
Transaction Code: MIRO
Key Data Requirements: PO, invoice amount

Produces the following Material document

Display Invoice Document 5105600922 2008

Show PO structure	Follow-on documents	NF

Transaction: Invoice   5105600922 2008

Vendor 0010000015
THE BOEING COMPANY
ROUTE 291 & STEWART AVE.
RIDLEY PARK PA 19078-1099

Basic data | Payment | Details | Tax | Contacts | Note

Inv. recpt date 03/24/2008
Invoice date 03/24/2008   Reference
Posting Date 03/24/2008
Amount 500.00   USD   Calculate tax
Tax amount 0.00   I0 (A/P sales tax, 0%)
Text
Paymt terms 30 Days net
Baseline date 03/24/2008

Bank acct

Layout All information

Item	Amount	Quantity	Or	Purchase	Item	PO Text	Tax Codes
1	500.00		☑	4530000102	10	test service req	I0 (A/P

With following associated documents:

List of Documents in Accounting ⊠

Documents in Accounting

Object type text	Doc. Number	Ld
Accounting document	5100000016	
Spec. purpose ledger	1000005907	

[Original document] [🖨] [✖]

FI document reclassifying liability

Display Document: Data Entry View

Taxes | Display Currency | General Ledger View

Data Entry View

Document Number	5100000016	Company Code	1780	Fiscal Year	2008
Document Date	03/24/2008	Posting Date	03/24/2008	Period	6
Reference		Cross-CC no.			
Currency	USD	Texts exist	☐	Ledger Group	

C...	Itm	PK	S	Account	Description	Amount	Curr.	Tx
1780	1	31		10000015	THE BOEING COMPANY	500.00–	USD	I0
	2	86		2110.2902	A/P-Publ-GRIR	500.00	USD	I0

Billing

Create Pre-bill

Resource-Related Billing Request: Initial Screen

Expenses | Sales price | Billing request

Sales and Distribution

Sales Document: 5000000116

Sales Document Item: [ ] to [ ]

Pricing

Pricing date: [ ]

Source

Posting date to: 03/24/2008

From Period: [ ] 2008

[ ] Process Open Items Only

Produces the following billing proposal

Billing request for resource-related billing document <new>: Expenses

Sales price | Billing request

Description	St	Loc	Amt to be billed	Curr	Qty to be billed	UM	% to	Net value	Curr
▽ 5000000116	■	🔓	4,220.00	USD	*** ***		100.00	4,220.00	USD
5000000116/10	■	🔓	4,220.00	USD	*** ***		100.00	4,220.00	USD

Amount | Qty | Percent

Reject All | | Entry | Billing, postpone

Description	S	Lo	Original amount	Amt already billed	Open amount	Amt to be billed	Amount po

Comments: Normally this process will be done as part of a collective process (DP95). This document was produced using transaction DP91 which is used for individual processing.

Transaction Code: DP91

Key Data Requirements: Sales Order, Line Item

Produces the following Debit Memo Request

Change Reimb DebitMemo Req 7500000087: Overview

Reimb DebitMemo R	7500000087	Net value	4,220.00 USD
Sold-to party	CN00019	Naval Air System Command Gen Funds ERP / Naval Air Station /
Ship-to party	SN00019RTD	NAVAIRSYSCOMHQ MCA / 47123 BUSE ROAD UNIT IPT / PATUX
Std Document No	HAHSHSAHSAHSAHA	FA Date	

Tabs: Sales | Item overview | Item detail | Ordering party | Procurement | Fast data entry | Reason for rejection

| Billing date | 03/24/2008 | Serv.rendered | |
| Billing block | | Pricing date | 03/18/2008 |

All items

Item	Material	Target quantity	U...	Net value	Reason for rejection	Description	Customer Material
10	99998100002		1 EA	250.00		Labor # Civilian Regular (Billing matnr)	
20	99998100009		1 EA	3,470.00		Materials/Supplies (Billing Matnr)	
30	99998100008		1 EA	500.00		Misc Services (Billing matnr)	

Invoicing

Navy Debit Memo (ZDM) Create: Overview of Billing Items

Navy Debit Memo	$000000001	Net value	4,220.00 USD
Payer	BN62380	DFAS Cleveland / ANTHONY J CELEBREZZE FEDERAL
Billing date	03/24/2008	

Item	Description	Billed Quantity	SU	Net value	Material	Cost
10	Labor # Civilian Regular (Billing r	1	EA	250.00	99998100002	250.00
20	Materials/Supplies (Billing Matnr)	1	EA	3,470.00	99998100009	3,470.00
30	Misc Services (Billing matnr)	1	EA	500.00	99998100008	500.00

Comments: Normally, the billing invoice will be created using a collective process (YVF04), the document below was created using a follow on function within VA02. Using VA02 to create the invoice is not the standard way of creating invoices either in NAVY ERP or within SAP.
Transaction Code: VA02
Key Data Requirements: None

Creates the following SD Invoice

Navy Debit Memo 9000000053 (ZDM) Display: Overview of Billing Items

Navy Debit Memo	9000000053	Net value	4,220.00 USD
Payer	BN62380	DFAS Cleveland / ANTHONY J CELEBREZZE FEDERAL	
Billing date	03/24/2008		

Item	Description	Billed Quantity	SU	Net value	Material	Cost
10	Labor # Civilian Regular (Billing r	1	EA	250.00	99998100002	250.00
20	Materials/Supplies (Billing Matnr)	1	EA	3,470.00	99998100009	3,470.00
30	Misc Services (Billing matnr)	1	EA	500.00	99998100008	500.00

With the following associated documents

List of Documents in Accounting

Documents in Accounting

Object type text	Doc. Number	Ld
Accounting document	9000000053	
Accounting document	3000000145	
Spec. purpose ledger	1000005908	
Spec. purpose ledger	1000005909	
Controlling Document	2000002701	
Funds Management doc	2000000611	

Original document

FI document to record budgetary impact

Display Document: Data Entry View

Display Currency | General Ledger View

Data Entry View

Document Number: 3000000145	Company Code 1780	Fiscal Year
Document Date 03/24/2008	Posting Date 03/24/2008	Period
Reference 3000000000004120	Cross-CC no.	
Currency USD	Texts exist ☐	Ledger Group

C...	Itm	PK	S	Account	Description	Amount	Curr.	Tx
1780	1	50		4221.0100	UnfOrd-W/Oadv	4,220.00–	USD	
	2	40		4251.0100	ReimbOthIncRec	4,220.00	USD	

FI document to record revenue and book the AR

Display Document: Data Entry View

Display Currency | General Ledger View

Data Entry View

Document Number: 9000000053	Company Code 1780	Fiscal Year	2008
Document Date 03/24/2008	Posting Date 03/24/2008	Period	6
Reference HAHSHSAHSAHSAHA	Cross-CC no.		
Currency USD	Texts exist ☐	Ledger Group	

C...	Itm	PK	S	Account	Description	Amount	Curr.	Tx
1780	1	01		BN62380	Account eveland	4,220.00	USD	
	2	50		5200.3140	REV-ENGINEERING	250.00–	USD	
	3	50		5200.3140	REV-ENGINEERING	3,470.00–	USD	
	4	50		5200.3140	REV-ENGINEERING	500.00–	USD	

FM document recording revenue

Display FM Document: Overview

Display FM Document: Overview

03/24/2008 13:28:14

FM Doc.No.	Itm	Fund	Funds Center	Cmmt item	Stat.Ind.	FMAC	FMAC Amnt	Ledger	Year	Per	FM pstg d.	FI doc.no.	Itm	Value type	Amt type
2000000611	1	97X4930N	80A100000A	REV		USD	250.00-	Payment Budget	2008	6	03/24/2008	9000000053	2	Invoices	Original
	2	97X4930N	80A100000A	REV		USD	3,470.00-			6		9000000053	3	Invoices	Original
	3	97X4930N	80A100000A	REV		USD	500.00-			6		9000000053	4	Invoices	Original

CO Document recording revenue

Display Actual Cost Documents

| Layout | 1SAP | Primary cost posting |
| COarea currency | USD | USD |

DocumentNo	Doc. Date	Document Header Text			RT	RefDocNo	User	Rev RvD			
PRw	OTy	Object		CO object name	Cost Elem.	Cost element name		Value COCurr	Total quantity	PUM	O	Offst.acct
2000002701	03/24/2008				R	9000000053	WOLCOTTH				
2	WBS	DR-123456.01	1780 WC01	Direct Appropriated… 5200.3140		REV-ENGINEERING		250.00-	1- EA	D	BN62380
4	WBS	DR-123456.01	1780 WC01	Direct Appropriated… 5200.3140		REV-ENGINEERING		3,470.00-	1- EA	D	BN62380
6	WBS	DR-123456.01	1780 WC01	Direct Appropriated… 5200.3140		REV-ENGINEERING		500.00-	1- EA	D	BN62380

ZRQIS0002 on operative project, note revenue is recorded

Project Budget Hierarchy Report

System:	RD5		Navy ERP	Date:	03/24/2008
Client:	500		Project Budget Hierarchy Report	Time:	13:30:18
User :	WOLCOTTH		(ZRQIS0002_BUDGET_HIER_RPT)		
Project definition	DR-123456				
FM Area	1000				
Version	0				

Hierarchy View
Navigation View

Navigation Items	Project Structure	TEXT	Planned C	Budget	Commitme	Obligations	Actual Costs	Actual Revenues	Assigned Costs	Available Budget
Company Code	DR-123456	Project Definition BS-000001	0.00	0.00	0.00	500.00	4,220.00	4,220.00	4,720.00	4,720.00-
Business Area	DR-123456.01 1780 WC01 Direct Appropri…		0.00	100,000.00	0.00	500.00	4,220.00	4,220.00	4,720.00	95,280.00
Plant	Totals		0.00	0.00	0.00	500.00	4,220.00	4,220.00	4,720.00	4,720.00-

Headquarters records expenses on Budget Structure

MIRO Invoice

This is a simulation of the MIRO invoice created through an interface

Enter Incoming Invoice: Company Code 1719

Show PO structure	Show worklist	Hold	Simulate	Messages	Help	NF

Transaction: Invoice

OOO Balance: 0.00 USD

Basic data | Payment | Details | Tax | Contacts | Note

Vendor 0020000013
WC01 NAVAL AIR WARFARE CENTER AD
SUPPLY DEPARTMENT
PATUXENT RIVER MD 20670-5588

Inv. recpt date	03/24/2008
Invoice date	03/24/2008	Reference	9000000053
Posting Date	03/24/2008
Amount	4,220.00	USD	☐ Calculate tax
Tax amount		I0 (A/P sales tax, 0%)
Text	
Paymt terms	30 Days net
Baseline date	03/24/2008

Bank acct

Purchase Order/Scheduling Agreement | 4540000068 | 10 | ➡

Goods/service items
Layout | All information

	Item	Amount	Quantity	Or	Purchase	Item	PO Text	Tax Codes
	1	4,220.00			☐ 4540000068	10	widgets for navair	I0 (A/P s

Comments: This IR is a simulation. The IR will be created as a result of an interface with DDEF (daily expenditure file).
Transaction Code: MIRO
Key Data Requirements: PO, Item #, invoice amount.

Acct assgt
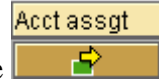
NOTE: To enter the $ for the line item, you must scroll to the right, press the
button
And enter the amount on the below window.

Multiple Account Assignment for Item 000001 widgets for navair ☒

	Amount	Quantity	G/L Account	Bus	Cost Center	Servic	Business Pro	Order	Tex
	4,220.00		6100.3253	19HQ					

Total Amount | 4,220.00 | Item(s) | 1

✔ Check | Back | ✖

Saving produces the below

Material document

Display Invoice Document 5105600923 2008

| Show PO structure | Follow-on documents | NF |

| Transaction | Invoice | | 5105600923 | 2008 |

Vendor 0020000013
WC01 NAVAL AIR WARFARE CENTER AD
SUPPLY DEPARTMENT
PATUXENT RIVER MD 20670-5588

Basic data | Payment | Details | Tax | Contacts | Note

Inv. recpt date	03/24/2008
Invoice date	03/24/2008	Reference	9000000053
Posting Date	03/24/2008
Amount	4,220.00	USD	☐ Calculate tax
Tax amount	0.00	I0 (A/P sales tax, 0%)
Text	
Paymt terms	30 Days net
Baseline date	03/24/2008

Bank acct

Layout: All information

Item	Amount	Quantity	Or	Purchase	Item	PO Text	Tax Codes
1	4,220.00			4540000068	10	widgets for navair	I0 (A/P s

The material document has related accounting documents

List of Documents in Accounting

Documents in Accounting

Object type text	Doc. Number	Ld
Accounting document	5100000038	
Accounting document	3000001440	
Spec. purpose ledger	1000005914	
Spec. purpose ledger	1000005915	
Controlling Document	2000002702	
Funds Management doc	2000000612	

Original document

FI budgetary ledger document

Display Document: Data Entry View

Display Currency | General Ledger View

Data Entry View

Document Number	3000001440	Company Code	1719	Fiscal Year	2008
Document Date	03/24/2008	Posting Date	03/24/2008	Period	6
Reference	3000000000004140	Cross-CC no.		
Currency	USD	Texts exist	☐	Ledger Group	

C...	Itm	PK	S	Account	Description	Amount	Curr.	Tx
1719	1	40		3107.0100	Unexp Appn-Appn Recd	4,220.00	USD	
	2	40		4801.0100	UndOrd-Obl-Unpaid	4,220.00	USD	
	3	50		4901.0100	DelOrders-Obl-Unpaid	4,220.00–	USD	
	4	50		5700.0100	Exp-Appn	4,220.00–	USD	

FI Invoice Document

Display Document: Data Entry View

Taxes | Display Currency | General Ledger View

Data Entry View

Document Number	5100000038	Company Code	1719	Fiscal Year	2008
Document Date	03/24/2008	Posting Date	03/24/2008	Period	6
Reference	9000000053	Cross-CC no.		
Currency	USD	Texts exist	☐	Ledger Group	

C...	Itm	PK	S	Account	Description	Amount	Curr.	Tx
1719	1	81		6100.3253	OE-PC CSS-G&SGovt	4,220.00	USD	I0
	2	31		20000013	WC01 NAVAL AIR WARFAF	4,220.00–	USD	I0

FM Document

Display FM Document: Overview

Display FM Document: Overview

03/24/2008 20:57:09

FM Doc.No.	Itm	Fund	Funds Center	Cmmt item	Stat.Ind.	FMAC	FMAC Amnt	Ledger	Year	Per	FM pstg d.	FI doc.no.	Itm	Value type	Amt type
2000000612	1	210811A2A	1901PM2020	6100.3253		USD	4,220.00	Payment Budget	2008	6	03/24/2008	5100000038	1	Invoices	Original

The FM document for the PO is reduced by the amount of the invoice

Document Journal

Document Journal

03/24/2008 21:15:18

RefDocNo	Item	Val.type text	Amt type	Prd	FM pstg d.	Commt bdgt	Pymt Bdgt	Cmmt item	Functional Area	Funded Program	Funds Center	Fund	G/L Acc	CoCd	Customer	Vendor	Stat.Ind.
4540000068	10	Purchase Orders	0200	6	03/24/2008		4,220.00-	6100.3253	00000-00-LOCAL00	BS000000023.B008.000001	1901PM2020	210811A2A	6100.3253	1719	SN00421PRZ	20000013	
			0100	6	03/18/2008		100,000.00	6100.3253	00000-00-LOCAL00	BS000000023.B008.000001	1901PM2020	210811A2A	6100.3253	1719	SN00421PRZ	20000013	

CO Document

Display Actual Cost Documents

| Layout | 1SAP | Primary cost posting |
| CO area currency | USD | USD |

| DocumentNo Doc. Date Document Header Text | | RT RefDocNo User | Rev RvD | |
| PRw OTy Object | CO object name | Cost Elem. Cost element name | Value COCurr | Total quantity PUM O Offst.acct |

| 2000002702 03/24/2008 | | R 5105600923 WOLCOTTH | | |
| 1 WBS BS-123456.11 | Charging WBS | 6100.3253 OE-PC CSS-G&SGovt | 4,220.00 | 0 AU K 20000013 |

Reporting on HQ side

ZRQIS0002 on Budget Structure

Project Budget Hierarchy Report

System:	RD5		Navy ERP		Date:	03/24/2008
Client:	500		Project Budget Hierarchy Report		Time:	20:59:57
User :	WOLCOTTH		(ZRQIS0002_BUDGET_HIER_RPT)			
Project definition	BS-123456					
FM Area	1000					
Version	0					

Project Structure	TEXT	Planne	Budget	Commitme	Obligations	Actual Costs	Actual Revenues	Assigned Costs	Available Budget
BS-123456	Project Definition BS-000001	0.00	0.00	0.00	95,780.00	4,220.00	0.00	100,000.00	100,000.00-
BS-123456.1	OMN	0.00	100,000.00	0.00	95,780.00	4,220.00	0.00	100,000.00	0.00
BS-123456.	Charging WBS	0.00	0.00	0.00	95,780.00	4,220.00	0.00	100,000.00	100,000.00-
Totals		0.00	0.00	0.00	95,780.00	4,220.00	0.00	100,000.00	100,000.00-

Note the actual costs

Appendix 1

Which Postings Affect Which Accounting Systems?

- Budget Posting – FM, BL
- Purchase Requisition – FM, BL
- Purchase Order – FM, BL
- Goods Receipt – FM, FI, CO, BL
- Invoice Receipt – FM, FI, BL
- Sales Order – FM, BL
- Sales Invoice – FM, BL, FI, CO
- Payment of Invoice – FI, BL
- Clearing of Payment – FI, BL
- Year End Carryforward of Budget – FM, BL

Example of postings within FM – value type/amount type

Transaction	FY	Amount	Value Type	Amount Type	Available Balance
Enter Budget	2007	500.00	Budget	-NA-	500.00
Create PR	2007	500.00	PR	0100	0.00
Convert PR to PO	2007	-500.00	PR	0200	
		500.00	PO	0100	0.00
Receive Goods	2007	-282.81	PO	0200	
		282.81	INV	0100	0.00
Receive Invoice	2007	-282.81	INV	0200	
		282.81	INV	0100	0.00
Carryforward PO and Budget	2007	-219.19	PO	0300	
		-219.19	Budget	-NA-	0.00
	2008	219.19	Budget	-NA-	
		219.19	PO	0350	0.00