

Chapter 1

Navy Cash[®] Overview

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1.1 Reference Documents

- a. DOD FMR Volume 5
- b. NAVSUP P486
- c. NAVSUP P487

1.2 Description of Navy Cash

Navy Cash represents an evolution of the Automated Teller Machines (ATMs)-at-Sea program (ATMS), which began installing ATMs on board ships in 1988. The Navy Cash card combines chip technology and a magnetic strip to virtually eliminate the need for Sailors and Marines to carry cash. The chip-based electronic purse provides for a cashless environment within the lifelines of the ship. The magnetic strip on the back of the card provides for pre-paid debit access to the funds in Navy Cash accounts at more than 23 million MasterCard acceptance locations and more than 1,000,000 ATMs in over 210 countries and territories worldwide. To

support these transactions, Navy Cash also provides for electronic access to checking and savings accounts ashore.

Sailors and Marines continue to have their pay deposited in their bank and credit union Demand Deposit Accounts (DDAs) through the Navy's Direct Deposit System (DDS). On board ship, they can use cashless ATMs to access these accounts electronically to transfer money, as needed, into their Navy Cash accounts. Navy Cash provides these electronic banking capabilities, without additional charge to Sailors and Marines, 24 hours a day, seven days a week through store-and-forward, off-line access to virtually all bank and credit union accounts ashore. Sailors and Marines who elect the Split Pay Option (SPO) can also have a portion of their pay sent directly to their Navy Cash accounts each payday.

On the ship, Sailors and Marines use the chip-based electronic purse on their Navy Cash cards at Point-Of-Sale (POS) terminals for all their purchases in the ship's store, post office, MWR, general mess, wardroom, and other "retail" locations throughout the ship, including vending machines. This cashless environment not only improves service to customers but also reduces workload aboard ship by automating payment transactions and eliminating (as nearly as possible) the circulation of cash.

Off the ship, Sailors and Marines can use the magnetic strip on the back of their Navy Cash cards to purchase gifts and souvenirs and pay for meals in restaurants using the Navy Cash card directly. They can also obtain the cash they need during port visits from the ATMs that are available in the local area. Overseas, these local ATM transactions generally provide the best exchange rate for foreign currency.

In support of Navy Cash, a U.S. Department of the Treasury Financial Agent provides access to virtually all banks and credit unions and reconciliation and settlement services, thus further reducing workload and eliminating a large portion of the accountability of the retail operators and the Disbursing Officer.

The business case analysis of Navy Cash operations on the two initial prototype ships was positive in every area of the analysis. The NAVSUP Program Office is budgeted in the POM to replace the oldest ATMs-at-Sea systems at a rate of about 30 to 35 systems per year and complete the installation of Navy Cash on all ships with a Disbursing Office by the end of FY09 and the beginning of FY10. This replacement of all ATM system components represents a planned replacement cycle as system equipment reaches the end of its expected service life.

1.3 Navy Cash Financial System Equipment Description

The main hardware components of the Navy Cash Financial System are a server, from one to four cashless ATMs (K80), POS card readers (K22) at retail locations throughout the ship, and Card Access Devices (*also know as Card Accepting Devices*) (CADs) in all vending machines. The number of ATMs and POS and CAD devices depends on ship class. A sample Navy Cash Equipment Checklist is included at Appendix G. This checklist is tailored for each ship as a part of the Navy Cash installation. The checklist provides an aid to assist in troubleshooting any equipment or software problems and should also be used to review the status of all the ship's Navy Cash devices on a periodic basis.

1. The cluster server itself consists of:
 - a. Two COMPAQ DL380 servers.
 - b. One RAID controller.
 - c. Five SCSI II hard drives.
2. Each COMPAQ DL380 server consists of:
 - a. Single processor.
 - b. Two Network Interface Cards (NIC) 100/10 MB NIC (Will be upgraded to a Gigabyte-Ethernet card).
 - c. Two hard drives.
 - d. One CD ROM drive.
 - e. One Floppy drive.
3. The following software is installed on each server node:
 - a. Windows NT or Windows 2000.
 - b. Microsoft Cluster Server.
 - c. Oracle 8.
 - d. Microsoft Cluster Server Toolkit.
 - e. Navy Cash Listener / Parser.
 - f. Navy Cash Proxy.
 - g. Disbursing Application.
 - h. Legato (Windows NT) or Veritas (Windows 2000) Backup utility.

1.4 Planned Maintenance System

Preventive maintenance for the Navy Cash Financial System is covered through the Planned Maintenance System (PMS). PMS information for Navy Cash is available from the ship's Maintenance and Material Management (3-M) Coordinator. Maintenance Index Page (MIP) number 6541/080-14 applies to Navy Cash. In particular, proper cleaning of the card readers can significantly reduce the incidents of card readers failing to read the Navy Cash card.

1.5 Standard Operating Procedure

1. SOP OBJECTIVES

The Navy Cash Financial System is designed to provide a cashless alternative for all money-based transactions performed on board ship. This Standard Operating Procedure (SOP) stipulates the procedures necessary to perform Navy Cash transactions within the various shipboard functional areas. This SOP augments existing procedures. It should be understood that Navy Cash does not affect non-monetary procedures, which continue to have their full force and effect.

Neither does Navy Cash eliminate the need for maintaining existing money-handling procedures for contingency operations in the unlikely event that Navy Cash experiences a catastrophic failure and ceases to function.

2. NAME OF PREPARING ORGANIZATION

Naval Supply Systems Command, Navy Family Support Mechanicsburg, Navy Cash Program Office (NAVSUP NFS 56).

3. EXPECTED LIFE OF THE STANDARD OPERATING PROCEDURE

This SOP is effective throughout the life of the Navy Cash Financial System or as long as the system remains installed on board ship. Ultimately, these procedures will be incorporated into existing Navy publications and instructions that govern the various functional processes affected by Navy Cash, e.g., DOD FMR Vol. 5, NAVSUP Publications P485, P486, and P487. The Navy Cash Financial System SOP has been assigned NAVSUP Publication Number 727.

4. ROLES, RESPONSIBILITIES, AND AUTHORITY

- | | |
|-------------------------------------|--|
| a. Program Director (SUP NFS 56) | Marlene Higgins
Tel: (717) 605-5187
e-mail: marlene.higgins@navy.mil |
| b. Program Manager (SUP NFS 56J) | Dan Olson
Tel: (717) 605-7579
e-mail: daniel.c.olson@navy.mil |
| c. Operations Manager (SUP NFS 56B) | Ed Olsen
Tel: (717) 605-7005
e-mail: edward.olsen@navy.mil |
| d. Logistics Manager (SUP NFS 56C) | Edie Johnston
Tel: (717) 605-2771
e-mail: edie.johnston@navy.mil |
| e. Fleet Support Group Norfolk | Hugh Chin
Tel: (757) 443-1189
e-mail: william.r.freeman@navy.mil |
| | PS1 Michelle Fortener
Tel: (757) 443-1203
e-mail: michelle.fortener@navy.mil |
| f. Fleet Support Group San Diego | Arsenio "RC" Vergara
Tel: (619) 556-6493
e-mail: arsenio.vergara@navy.mil |
| | PSC Montano Tubes
Tel: (619) 556-1671
e-mail: montano.tubes@navy.mil |

g. NEXCOM Ship's Store Program

Mr. Charles H. Vaughan
Tel: (757) 502-7474
e-mail: charles_vaughan@nexweb.org

Mr. Gene Hoffman
Tel: (757) 502-7472
e-mail: gene_hoffman@nexweb.org

h. Fleet Assistance Teams

Refer to NAVSUP P487, paragraph 1004, for telephone numbers and e-mail addresses for ship's store teams in each geographical area.

i. System Support

U.S. Treasury Financial Agent,
JPMorgan Chase Bank, N.A.
Hotline Number/Customer Service Center:

For Card Holders:

1 (866) 3NAVYCASH
1 (866) 362-8922
Web site: www.navycash.com
e-mail: navycash@ezpaymt.com

For Disbursing Offices:

1 (866) 6NAVYCASH
1 (866) 662-8922
Web site: www.navycashcenter.com
e-mail: navycashcenter@ezpaymt.com
navycashfin@ezpaymt.com (EOM only)

Fax:

1 (866) CHASE01
1 (866) 242-7301

j. Global Distance Support Center (GDSC)

The Navy Cash Customer Service Center can also be reached through the GDSC, which is also known as "One Touch". The telephone numbers for the GDSC are:

Commercial:	1 (877) 4-1-TOUCH	Cardholders:
	1 (877) 418-6824	Press 4, then 5, then 2

DSN:	510 4-2-TOUCH	Disbursing / Merchants:
	510 428-6824	Press 4, then 5, then 3

The 1-877 number should be used for worldwide toll-free access from the United States, Japan, Germany, England, Italy, and Spain from activities ashore or ships in port and can be used when aboard ships at sea that have the capability and connectivity.

The DSN number should be used for toll-free access from all other countries from activities ashore or ships in port and can be used when aboard ships at sea that have the capability and connectivity.

5. SOP COORDINATION

This SOP has been coordinated with FISC Norfolk, FISC San Diego, DFAS Cleveland, Navy Exchange Services Command (NEXCOM) Ship's Store Program, NAVPERS 65 (MWR), NAVSUP NFS 51, NAVSUP NFS 56, Field Examination Groups (FEGs), and ship, TYCOM, and Fleet staffs.

6. SOP VALIDATION/TESTING

Lessons learned are incorporated into revised versions of the SOP on a continuing basis.

7. SOP APPROVAL

This SOP was prepared and approved by the NAVSUP NFS Navy Cash Program Office.

8. SOP REVIEW AND REVISION

This SOP will be reviewed at least semi-annually by the Navy Cash Program Office and revised on a regular basis.

9. LIST OF ACRONYMS AND DEFINITIONS

ACB	Automated Contract Bulletin
ACH	Automated Clearing House
ADNS	Automated Digital Network System
AMPS	Automated Military Postal System
APDS	All Purpose Date Stamp
ASL	Automated SSAC Listing
ATM	Automated Teller Machine
ATMS	Automated Teller Machines-at-Sea program
BIN	Bank Identification Number
BUPERS	Bureau of Naval Personnel
CAD	Card Access Device (<i>also known as Card Accepting Device</i>)
Chip	Miniaturized circuit card embedded in the Navy Cash card that processes e-purse transactions (often synonymous with e-purse)
CO	Commanding Officer
COOP	Continuity Of Operations Plan
COPE	Custodian of Postal Effects
CPO	Chief Petty Officer
DDA	Demand Deposit Account

DDE	Dynamic Data Exchange
DDS	Direct Deposit System
DFAS	Defense Finance and Accounting Service
DISBO	Disbursing Officer
DMM	Domestic Mail Manual
DOD FMR	Department of Defense Financial Management Regulations
DSI	Direct Settlement Interface
DSN	Defense Switched Network
DSSN	Disbursing Station Symbol Number
DV	Distinguished Visitor
EFT	Electronic Funds Transfer
EOD	End Of Day
EOM	End Of Month
EPOS	Electronic Point-Of-Sale
E-purse	Miniaturized circuit card embedded in the Navy Cash card that holds the programming to process financial transactions (synonymous with chip)
FDNF	Forward Deployed Navy Forces
FEG	Field Examination Group
FISC	Fleet and Industrial Supply Center
FRB	Federal Reserve Bank
FSMIS	Food Service Management Information System
FSO	Food Service Officer
GDSC	Global Distance Support Center, also known as “One Touch”
GMT	Greenwich Mean Time (Navy Cash “clock” is set to GMT/UTC)
Hot list	List of Navy Cash cards (accounts) that have been reported lost or stolen to the Navy Cash system. A card on the hot list is rendered inoperable.
IEOD	Indicate End Of Day (EOD)
ISNS	Integrated Shipboard Network System
ISO	International Standards Organization
JPMC	JPMorgan Chase Bank, Treasury Financial Agent for Navy Cash
K22	Handheld Navy Cash card reader device used to record sales transactions. Operated in the online or offline modes.
K80	Cashless ATM device permanently mounted on board ship and used by Navy Cash cardholders to perform various financial transactions.

LAN	Local Area Network
LCD	Lighted Crystal Display
LOA	Line Of Accounting
LSC	Logistics Support Center
LSR	Logistics Support Representative
MICR	Magnetic Ink Character Recognition
MMPA	Master Military Pay Account
MPSA	Military Postal Service Agency
MSO	Merchant Sales by Operator (a type of Navy Cash application report)
MWR	Morale, Welfare, and Recreation
NAVPERS	Navy Personnel Command
NAVCOMPT	Navy Comptroller
NAVSUP	Naval Supply Systems Command
NEXCOM	Navy Exchange Services Command
NFS	Navy Family Support
NIC	Network Interface Card
NOC	Network Operations Center
NSF	Non Sufficient Funds
NWCF	Navy Working Capital Fund
OMM	Official Mail Manager
ORF	Official Representation Funds
OSI	Operating Space Item
PAR	Postal Accounting Report
PIN	Personal Identification Number
PMS	Planned Maintenance System
POS	Point Of Sale
PRNOC	Pacific Region Network Operations Center
PVI	Postage Validation Imprinter
RIC	Routing Identification Code
ROM	Resale Operations Management
SAM	Secure Access Module
SASR	Safe Audit Summary Report
SATCOM	Satellite Communications

SIK	Subsistence In Kind
SIMA	Shore Intermediate Maintenance Activity
SODA	Statement Of Deposit Activity
SOP	Standard Operating Procedure
SPO	Split Pay Option
SSAC	Ship's Store Afloat Catalog
SSEC	Ship's Store Electronic Catalog
SSN	Social Security Number
SSPN	Ship's Store Profits Navy
TFA	Treasury Financial Agent
TYCOM	Type Commander (ship type)
UARNOC	Unified Atlantic Region Network Operations Center
UMIDS	Uniform Microcomputer Disbursing System
USPS	United States Postal Service
UTC	Coordinated Universal Time (Navy Cash "clock" is set to UTC/GMT)

1.6 Navy Cash Enrollment

1. BACKGROUND

Navy Cash cards replace bills and coins for personal financial transactions at all retail locations on board ship. Sailors and Marines must have Navy Cash cards to pay for purchases at the ship's store, vending machines, and the post office, for example. Cash is only accepted at these retail locations on an exception basis, e.g., from guests on board the ship for only a short time. Sailors and Marines on board ship are still able to obtain U.S. currency at the Disbursing Office.

Each member of the crew is enrolled in the Navy Cash program and issued a Navy Cash card, either as part of the initial bulk enrollment prior to installation of Navy Cash on board the ship, or at the Disbursing Office if an individual reports to the ship after the bulk enrollment is completed. Navy Cash orientation training is provided as a part of the enrollment process.

The Navy Cash card combines chip technology and a magnetic strip to virtually eliminate the need for Sailors and Marines to carry cash. On board ship, Navy Cash cards can be used at cashless ATMs 24 hours a day, seven days a week to access bank or credit union accounts electronically and transfer money as needed into Navy Cash accounts. The chip-based electronic purse is used for all purchases on board ship. On liberty ashore, the magnetic strip can be used for pre-paid debit access to Navy Cash accounts at 23 million MasterCard acceptance locations and more than 1,000,000 ATMs in over 210 countries and territories worldwide. There are three types of Navy Cash cards .

a. INSTANT ISSUE NAVY CASH CARDS provide access to all Navy Cash capabilities. Pre-embossed with the name as "NAVY CARDHOLDER" and a MasterCard®

account number at the card manufacturing facility, a stock of instant issue cards is held on the ship by the Disbursing Officer. They are issued on the spot to individuals newly enrolling in Navy Cash and to replace lost, stolen, or damaged cards.

b. **EMBOSSSED PERMANENT NAVY CASH CARDS** also provide access to all Navy Cash capabilities. These cards are personalized and embossed with the account-holder's name and a MasterCard® account number at the card manufacturing facility and must be delivered to the individual after they are produced. Generally, embossed permanent Navy Cash cards are only issued as a part of bulk enrollment when Navy Cash is initially implemented on a ship and as replacements for expiring cards. When an individual's Navy Cash card is about to expire, if there has been activity on the account in the last six months, a new embossed permanent card will be manufactured and mailed in time to reach the individual before the old card expires. If there is a need, an embossed permanent Navy Cash card can be requested for a new enrollee or as a replacement for a lost, stolen, or damaged card. (*Note: Disbursing Officers shall only give out one card, either by issuing an instant issue card or by requesting an embossed permanent card; they shall not do both.*) A visitor Navy Cash card can be issued to the cardholder to use until the embossed permanent card is delivered to the ship.

c. **VISITOR NAVY CASH CARDS** are chip-only cards intended only to make purchases on the ship. They do not have a Navy Cash account associated with them. They do not have a magnetic strip. They cannot be used for purchases ashore or to access commercial ATMs off the ship. Visitor cards are issued primarily to visitors from a stock of cards held on the ship by the Disbursing Officer and are reusable. They should be cashed out and turned in when the visitor is done with the card, so they can be reissued to another visitor.

Navy Cash cards shall be safeguarded in accordance with the procedures for blank Treasury checks prescribed in DODFMR, Volume 5, Chapter 7.

2. BULK ENROLLMENT

Prior to installing Navy Cash on board a ship, the entire crew is enrolled in the Navy Cash program and issued embossed permanent Navy Cash cards. It is highly recommended that everyone enroll in the Navy Cash program. Crewmembers must provide personal information on special Navy Cash enrollment forms provided by the Disbursing Office and must acknowledge, by their signature, the Non-Sufficient Funds (NSF) procedures and electronic funds transfer policies. The bank or credit union account information on the enrollment form allows Navy Cash accounts to be linked to each crewmember's checking or savings account and enables the transfer of funds to and from the Navy Cash account. Crewmembers authorize, by their signature, debits and credits to their bank or credit union accounts at their request using Automated Clearing House (ACH) transactions, e.g., when requesting a transfer of funds at the K80 Cashless ATM. The information entered on the enrollment forms is entered into the Navy Cash system database ashore to establish each crewmember's Navy Cash account and to initiate issue of embossed permanent Navy Cash cards. A hardcopy of the signed Navy Cash enrollment form is held on file until the crewmember transfers or leaves the Navy. A more detailed discussion of basic bulk enrollment procedures is contained in Appendix H.

Providing bank or credit union information is optional when enrolling in Navy Cash. An individual can elect not to provide this information but can still be issued a Navy Cash Debit MasterCard® with a magnetic strip and an associated Navy Cash account. Individuals who

choose this option can still fund their Navy Cash accounts by electing the Split Pay Option (SPO). Each payday, the amount of their split pay payroll is forwarded either by DFAS Cleveland for the Navy or by the Marine Disbursing Officer for the Marine Corps to the Treasury Financial Agent to plus up their Navy Cash accounts.

Individuals whose check cashing privileges aboard ship have been suspended can be enrolled with access to their home bank or credit union accounts blocked until the ship decides to restore their privileges. Procedures for unblocking access are found in Chapter 8, Disbursing, paragraph 8.8.2. The Supply Officer or Disbursing Officer provides a list of any individuals in this category to the Treasury Financial Agent, JPMorgan Chase, during the bulk enrollment process.

3. NORMAL ENROLLMENT

After the initial bulk enrollment is completed, personnel reporting to the ship can enroll in the Navy Cash program at the Disbursing Office. To enroll, they must fill out and sign an enrollment form and turn the form in to Disbursing (a sample Navy Cash enrollment form is included at Appendix F). Disbursing uses the Navy Cash Disbursing Application to enter the information needed from the enrollment form (see paragraph 8.4.21 of this SOP), which is then forwarded automatically to the Navy Cash backend ashore to complete the enrollment process. Disbursing retains a copy of the enrollment form on board the ships and forwards the original to the Treasury Financial Agent to image and keep on file electronically.

Personnel newly enrolling in Navy Cash are normally issued an instant issue Navy Cash card. Pre-embossed with the name as “NAVY CARDHOLDER” and a MasterCard® account number, instant issue cards are issued on the spot at the Disbursing Office. Instant issue cards provide individuals immediate access to all Navy Cash capabilities. A new enrollee can load the chip on the card at the Disbursing Office immediately by writing a personal check or converting cash, and the card can then be used for purchases on the ship. As soon as the account information on the ship and shore has been updated with the new account and new card number, which occurs when the next “round-trip” processing is completed between ship and shore, normally within 24 to 48 hours, the card can also be used to transfer funds at K80 Cashless ATMs on the ship to the chip or Navy Cash (strip) account from bank or credit union accounts ashore and can access funds in the strip account at ATMs ashore or to pay for purchases at retail locations ashore.

Again, embossed permanent Navy Cash cards are normally only issued as a part of bulk enrollment when Navy Cash is initially implemented on a ship or as replacements for expiring cards. If there is a need to request an embossed permanent Navy Cash card for a new enrollee, a visitor Navy Cash card can be issued to the cardholder to use until the embossed permanent card is delivered to the ship (see paragraph 8.4.19, Assign Replacement Card). *(Note: Disbursing Officers shall only give out one card, either by issuing an instant issue card or by requesting an embossed permanent card; they shall not do both.)* Visitor cards can be used for a short period without significant inconvenience until an embossed permanent cards is delivered to the ship. However, visitor cards are chip-only cards. They can only be used to make purchases on board ship. They cannot be used to access a bank or credit union account ashore from the K80 Cashless ATM on the ship and transfer money to the chip. They do not have a magnetic strip. They cannot be used to pay for purchases ashore or to access commercial ATMs off the ship. Visitor cards cannot be used to access Split Pay credited to a cardholder’s Navy Cash (strip) account from the K80 Cashless ATM. If necessary, for an individual already enrolled in Navy Cash and waiting

on delivery of an embossed permanent card, split pay can be transferred to the chip on the visitor card using the Navy Cash Disbursing Application (see paragraph 8.4.8).

4. MARINE ENROLLMENT

Long-Term Deployments. Prior to embarking on a Navy Cash ship for an extended deployment, Marines should be enrolled in Marine Cash using bulk enrollment procedures. The Marine Logistics Groups (MLGs)—MLG 1 Camp Pendleton, MLG 2 Camp Lejeune, and MLG 3 Okinawa—are responsible for coordinating the bulk enrollment of the entire Marine Expeditionary Unit (MEU). This bulk enrollment process, which includes training and enrolling the Marines, should be completed about four to six weeks prior to the date of embarkation to provide enough lead time to manufacture and deliver the Marine Cash cards for distribution just before or just after embarking on the ship.

Short-Term Deployments. Visitor cards do not require prior enrollment and may be issued for short-term deployments, such as exercises. Particularly for pre-deployment exercises several months prior to overseas deployments, visitor cards may be the preferred alternative, because the Marines participating in the exercise may not be the Marines embarking for the deployment. Visitor cards are the ship's responsibility. The MLG and the MEU should coordinate with the ship on the schedule and the number of Marines that will be embarking, so the ship has time to order additional visitor cards if necessary. The ship will then work with Marines to set up procedures to get the visitor cards issued. The Navy Disbursing Officer will generally sign out an additional number of visitor cards to the Marine Disbursing Officer at the beginning of the deployment. Visitor cards are reusable, and the Marines will be responsible for returning "all" visitor cards when they leave the ship.

Replacement Cards. Instant issue Navy Cash cards are available as replacements for lost, stolen, or damaged cards and for small numbers of enrollments during extended or overseas deployments. Instant issue cards are the ship's responsibility. The MLG and the MEU should coordinate with the ship on the schedule and the number of Marines that will be embarking, so the ship has time to order additional instant issue cards if necessary. The Navy Disbursing Officer will generally sign out a number of instant issue cards to the Marine Disbursing Officer at the beginning of the deployment. The Marine Disbursing Officer is responsible for returning any remaining instant issue cards at the end of the deployment.

1.7 Visitors, Guests, and Dependents

Navy ships frequently host guests or other visitors for a variety of reasons. For example, Distinguished Visitors (DVs) and Navy and civilian personnel come to the ship to conduct inspections or accomplish other business. Shipyard and other maintenance personnel are on the ship to repair and update systems. DVs, scout groups, school groups, and others are given tours of the ship. Large-deck ships, particularly the CVs/CVNs and LHAs/LHDs, have guests on board nearly every day, and often in large numbers.

Under Navy Cash, visitors, guests, and dependents who are on the ship for only a few hours or for the day can buy things in the ship's store, such as snacks, drinks, souvenirs, and emblematic items, or pay for meals in the General Mess or Wardroom, for example, using cash or checks, as they have in the past. But, cash sales should be the exception to accommodate visitors that are only going to be on the ship for a short time, e.g., less than 72 hours.

Members of ship's company should not be allowed to use cash on board ship. If a member of the crew has \$5 in his/her pocket, he/she can go to the Disbursing Office to convert that \$5 into electronic cash on the Navy Cash card and then spend it wherever he/she wants on the ship.

Guests who are going to be on the ship for longer periods can be issued a chip-only Visitor Navy Cash card when they check on board. Just as they must stop by a berthing office to be assigned a place to sleep, these guests should go to the Disbursing Office to write a personal check or provide cash to convert into electronic cash on the chip on their Visitor Navy Cash cards. At the end of their stay on board, these guests should return to the Disbursing Office to receive cash for the value remaining on their Visitor Navy Cash cards and to turn in their cards. The Visitor cards can then be reused for other guests. Industry technical representatives and other personnel who make repeated trips to ships can retain their Visitor Navy Cash cards or enroll in the Navy Cash program and receive instant issue Navy Cash cards.

Procedures for the sale of meals with and without Navy Cash cards are covered in Chapter 3, General Mess, and Chapter 4, Private Messes, of this SOP. Procedures for issuing Visitor Navy Cash cards and for cashing out and returning these cards are covered in Chapter 8, Disbursing.

The following table provides examples of how visitors, guests, and dependents can be accommodated on board ships equipped with Navy Cash. These instances are examples only, and each ship must develop its own policy and procedures. There is additional workload for ship's store and disbursing personnel, for example, in handling cash in what would otherwise be a cashless environment, and the ship must make its own judgment that the level of service provided or the additional revenue and profit are worth the additional effort. In making their decision, the ship should also consider that some functions, such as ship's store and disbursing, are well equipped to handle both cash and Navy Cash with existing equipment, policy, and procedures, while others, such as post office, might be better served maintaining a completely cashless operation.

Visitor cards are relatively expensive, but they are reusable, and every effort should be made to recover these cards from visitors before they leave the ship. The Navy Cash Card Issue Log shall be used to document each card issued and turned in (see paragraph 8.3.1). When a card is turned in, all value remaining on the card must be cashed out (see paragraph 8.4.9). *If not cashed out any value remaining on a card after it has been turned in will be handed over to Treasury and cannot be recovered.*

Guest	Room / Meals	Retail <i>Ship's Store, etc.</i>	Vending	Payment Type
Distinguished Visitor (DV) <i>Short-term</i> < 72 hours	One or two meals	Guest Package <i>ball cap, spirit pin, etc.</i> or Occasional purchases	None	Navy Cash card not required. Pay with check at Wardroom Office (still a "cashless" transaction). Alternatively, DV could be enrolled in Navy Cash with instant issue Navy Cash card. Load value on card using K80 Cashless ATM or at Disbursing.
DV Groups Tour Groups <i>Short-term</i> < 72 hours	One or two meals	Occasional purchases or Guest Package <i>ball cap, spirit pin, etc.</i>	Occasional purchases	Navy Cash card not required. Exception to cashless rule. Collect cash using existing procedures. Alternatively, Navy Cash visitor cards given to escort(s) to pay for purchases at retail locations and vending. Group settles at end of visit by paying equivalent amount with check at Disbursing.
Any Guest <i>Short-term</i> < 72 hours	One or two meals	Occasional purchases	Occasional purchases	Navy Cash card not required. Pay with check at Wardroom Office, Chiefs Mess, or Food Service Office as appropriate. Alternatively, sponsor pays for meals using Navy Cash card at Wardroom Office, Chiefs Mess, or Food Service Office as appropriate.
Regular Guest or Contractor	Occasional meal	Occasional purchases	Regular purchases	Issue Navy Cash visitor card at Disbursing. Retain card for subsequent visits. Load card at Disbursing. <i>Or</i> , sign up for instant issue Navy Cash card, which can be loaded using K80 Cashless ATM or at Disbursing.
Aircrew or Other Personnel on Board for Training <i>Medium-term</i> > 72 hours	Room and meals for one, two, or more days	Occasional purchases	Regular purchases	Issue Navy Cash visitor card at Disbursing. Load card at Disbursing. Regular visitors can retain card for next visit. <i>Or</i> , sign up for instant issue Navy Cash card, which can be loaded using K80 Cashless ATM or at Disbursing. Other visitors return visitor cards to Disbursing to cash out card. Disbursing retains card for later reuse.

Guest	Room / Meals	Retail <i>Ship's Store, etc.</i>	Vending	Payment Type
Large Groups <i>Medium-term</i> > 72 hours	Room and meals for multiple days	Regular purchases	Regular purchases	Navy Cash card not required. Exception to cashless rule. Pay with check at Wardroom Office, Chiefs Mess, or Food Service Office as appropriate. Collect cash using existing procedures at ship's store and selected "cash only" vending machines or vending machines that take both cash and Navy Cash. Vending machines can be reset for Navy Cash only operations when large group departs.
TAD Personnel, Guests, and Contractors <i>Long-term</i>	Room and meals for multiple days	Regular purchases	Regular purchases	Issue Navy Cash visitor card at Disbursing. Load card at Disbursing. Regular visitors can retain card for next visit. <i>Or</i> , sign up for instant issue Navy Cash card, which can be loaded using K80 Cashless ATM or at Disbursing. Other visitors return visitor cards to Disbursing to cash out card. Disbursing retains card for later reuse.
Pier / Hangar Sales	None	Ship's Store purchases	None	Large number of short-term visitors Navy Cash card not required. Exception to cashless rule. Collect cash using existing procedures.
Shipyards, SIMA, or Other Short-Term Guests When in Port	None	None	Regular purchases	Navy Cash card not required. Exception to cashless rule. Collect cash at selected "cash only" vending machines using existing procedures. Vending machines can be reset for Navy Cash card operations when at sea.

1.8 Hot List for Lost, Stolen, or Damaged Navy Cash Cards

The Navy Cash card is electronic money and must be treated like cash. If it is lost or stolen, the maximum that can be lost from the chip is \$25—as long as the Personal Identification Number (PIN) is protected. If other people know the PIN, all the funds on the card could be lost, as could funds in the card owner's bank or credit union account. To limit their loss in the event of a lost or stolen card, cardholders must report lost, stolen, or damaged cards to the Disbursing Office immediately. When a cardholder is unable to contact the Disbursing Office immediately, e.g., on leave away from the ship, he or she should immediately notify the Navy Cash Customer Service Center of the lost, stolen, or damaged card. A telephone call is the preferred way to notify the Customer Service Center, but e-mail notification is also acceptable. The telephone number for the Customer Service Center is printed on the back of the embossed permanent and

instant issue Navy Cash cards. The telephone numbers and e-mail addresses of the Customer Service Center are contained in paragraphs 1.5.4.i and j of this SOP.

Navy Cash safeguards a cardholder's electronic funds in three ways. First, a PIN, known only to the individual cardholder, is associated with each Navy Cash card. The PIN prevents an unauthorized user from withdrawing money or making a purchase. Should someone obtain a cardholder's card and attempt to determine the PIN by trial and error, the card is "blocked" after three consecutive, unsuccessful attempts to enter the correct PIN. Once a card is blocked, it must be taken to the Disbursing Office to be unblocked. Additionally, ten consecutive incorrect PIN entries results in the card being permanently blocked, at which time it must be taken to the Disbursing Office to be replaced. Second, after an individual reports his or her card lost or stolen to the Disbursing Office or the Navy Cash Customer Service Center, the card is "hot listed". All online devices receive the hot list and start looking for the card. When the lost or stolen card is inserted, the device permanently blocks the card. This prevents anyone from using the card even if they have the PIN. Third, for vending machine purchases on board ship, a PIN is not required, so Navy Cash limits vending machine purchases to a total of \$25 on the electronic purse before the PIN is required to reset the counter and allow continued spending. However, once a card is reported lost or stolen and the CADs in the vending machines have received the hot list, the CADs permanently block the card if it is inserted.

The balance that was on the chip of a lost or stolen embossed permanent or instant issue card at the close of the business day it was reported lost, stolen, or damaged is transferred automatically to the cardholder's Navy Cash account. For the return of funds on a lost, stolen, or damaged visitor card, see paragraph 8.4.16, Change Card Status,

To replace a lost, stolen, or damaged card, the Disbursing Office issues the crewmember an instant issue card. Issued on the spot at the Disbursing Office, instant issue cards provide immediate access to all Navy Cash capabilities. A new enrollee can load the chip on the card at the Disbursing Office immediately by writing a personal check or converting cash, and the card can then be used for purchases on the ship and to transfer funds at K80 Cashless ATMs on the ship to the chip or Navy Cash (strip) account from bank or credit union accounts ashore. As soon as the account information on the ship and shore has been updated with the new card number, which occurs when the next "round-trip" processing is completed between ship and shore, normally within 24 to 48 hours, the card can also be used to access funds in the strip account at ATMs ashore or to pay for purchases at retail locations ashore.

1.9 Navy Cash: Store-and-Forward Affects Timing of Navy Cash Processing

Navy Cash depends on ship-to-shore satellite communications. To keep communications demands to a minimum, Navy Cash was designed to work on a store-and-forward basis—a day's worth of transactions are generally transmitted ashore once each day at the end of the business day. This store-and-forward design affects the time that Navy Cash transactions are processed, both on the ship and on the shore.

Home Account to Navy Cash Transfers. If cardholders transfer money from their home bank or credit union account to their Navy Cash (strip) account at the K80 Cashless ATM, the funds are available for use on the ship immediately, as soon as they transfer value from their Navy Cash account to the chip. The funds will generally be available ashore the next day, if the ship completes its end-of-day processing between ship and shore. For this reason, it's important to

stage funds to their Navy Cash account in advance, so the funds will be available when they want to use their Navy Cash Debit MasterCard® ashore. However, Automated Clearing House (ACH) transactions, which Navy Cash uses, are only processed Sunday through Friday at 10:00 PM (8:00 PM on Sunday) Eastern Time by the Federal Reserve system. When they transfer money from their bank or credit union account Sunday through Friday, the transaction will generally be posted to their home account within 48 hours. If they transfer money on a Saturday, the transaction will generally not be posted to their home account until Tuesday.

Navy Cash to Home Account Transfers. The same is true if they transfer money from their Navy Cash account back to their home bank or credit union account. When they transfer money Sunday through Friday, the funds will generally be available in their home account within 48 hours, if the ship completes its end-of-day processing. If they transfer money on a Saturday, the funds will generally not be available in their home account until Tuesday.

Chip to Navy Cash Transfers. If they transfer money from their chip to their Navy Cash (strip) account, the new balance in their Navy Cash account is reflected on the ship immediately, but the funds won't be available ashore until the next end-of-day processing is completed between ship and shore. Again, it's important to stage funds to their Navy Cash account in advance, so the funds will be available ashore when they need them.

Use of Navy Cash Funds Ashore. If they use their Navy Cash Debit MasterCard® feature ashore, either to get cash at an ATM or to purchase something at a restaurant or store, the new balance in their Navy Cash account is reflected ashore immediately, but it won't be reflected on the ship until the next end-of-day processing is completed between ship and shore.

PIN Changes. If they change their PIN on the ship, the new PIN is effective on the ship immediately and will generally be effective ashore the next business day, but only if the end-of-day processing has been completed between ship and shore. In the interim, the old PIN is still valid ashore.

Split Pay. Split Pay is normally processed ashore and posted to their Navy Cash account the day before pay day so the funds are available on the ship on pay day. Split pay funds are available for use ashore as soon as they are posted to their Navy Cash account. However, if shipboard communications are down on pay day, the split pay payroll information from shore can't be received on the ship. The Disbursing Officer has the option to run a provisional Split Pay Option (SPO) payroll on the ship. Cardholders who are enrolled in SPO can be given a "provisional credit" in the amount of their SPO payroll amounts. The Navy / Marine Cash system on the ship keeps the previous SPO payroll amounts as a part of each cardholder's profile information and provides the Disbursing Officer the ability to update the SPO payroll amounts. Even when the Navy / Marine Cash system cannot communicate with the shore side, DFAS Cleveland still sends the actual Navy split pay file to the Navy / Marine Cash back end ashore for processing. When communications are restored, the Navy / Marine Cash system synchronizes Navy / Marine Cash accounts between ship and shore and reconciles Navy / Marine Cash accounts on the ship so they reflect the correct balances.

The following table summarizes the information detailed above.

Transaction Type	Aboard Ship	Ashore
Funds transfer from bank or credit union ashore <i>Sunday through Friday</i>	Funds available immediately. ¹	Funds available next day. ² Transaction posted to home account within 48 hours.
Funds transfer from bank or credit union ashore <i>Saturday</i>	Funds available immediately. ¹	Funds available next day. ² Transaction posted to home account by Tuesday.
Funds transfer to bank or credit union ashore <i>Sunday through Friday</i>	New Navy Cash account balance reflected immediately.	Funds available within 48 hours. ²
Funds transfer to bank or credit union ashore <i>Saturday</i>	New Navy Cash account balance reflected immediately.	Funds available by Tuesday. ²
Funds transfer from Navy Cash account to chip	Funds available on chip immediately. New Navy Cash account and chip balances reflected immediately.	New Navy Cash account balance reflected next day. ³
Funds transfer from chip to Navy Cash account	New Navy Cash account and chip balances reflected immediately.	Funds available next day. ³
Navy Cash Debit MasterCard® at ATM or merchant ashore	New Navy Cash account balance reflected next day. ³	New Navy Cash account balance reflected immediately.
PIN change	New PIN effective immediately.	New PIN effective next day. ³ <i>Use old PIN in interim.</i>
Split pay <i>Shipboard comms "up"</i>	Funds available as soon as ship completes end-of-day between ship and shore. ⁴	Funds available as soon as split pay payroll posted. ⁵
Split pay <i>Shipboard comms "down"</i>	Ship can't receive payroll update. Disbursing Officer has option to run provisional payroll on ship. Cardholders enrolled in SPO given "provisional credit" in amount of payroll. When comms restored, system synchronizes accounts between ship and shore and reconciles accounts on ship so they reflect correct balances.	Funds available as soon as split pay payroll posted. ⁵

Notes:

¹ Transfer value to chip to use on ship.

² If ship completes end-of-day between ship and shore. ACH transactions are processed Sunday through Friday at 10:00 PM (8:00 PM on Sunday) Eastern Time and are generally posted to bank and credit union accounts within 48 hours. To meet processing deadline, ship must complete end-of-day by about 9:00 to 9:30 PM (7:00 to 7:30 PM on Sunday) Eastern Time. Transactions that miss deadline are processed next business day.

³ If ship completes end-of-day between ship and shore.

⁴ Normally at end-of-day completed the day before pay day, so funds are available on pay day.

⁵ Normally processed the day before pay day, so funds are available on pay day.

1.10 Web and Telephone Purchases Using the Navy Cash Card

The Navy Cash Debit MasterCard[®] can be used to pay for things ordered over the phone or at a web site. The things that are ordered can be shipped to almost any address, but, when the merchant asks for a billing address, the correct address is the ship's mailing address because that's the billing address that's been entered in the MasterCard[®] data base for the Navy Cash cards. To protect against fraudulent use of lost and stolen debit and credit cards, many merchants and their financial networks compare the billing address given by the customer against the billing address registered in the data base. These addresses may need to be the same before they will approve the transaction.

1.11 Recurring Payments Using the Navy Cash Card

Recurring or automatic bill payment is a one way to pay for such things as telephone or cable television service, health club membership, magazine subscriptions, or internet service. Recurring payments can be made with credit and debit cards. Either a fixed amount, like a monthly internet service bill, or a variable amount, like a telephone bill, is pre-authorized. Although the Navy/Marine Cash card can be used for recurring payments, it is not recommended.

The Navy Cash/Marine Cash Debit MasterCard[®] is a prepaid debit card, not a credit card or a check card. It does not provide a line of credit or access to the pay deposited automatically in a checking account. Normally, the amount of money that can be spent is limited by the amount of money a cardholder loads onto the card. If a cardholder forgets to add money to the strip account, a recurring payment that exceeds the available balance will be declined, but only if the merchant tries to get authorization first. If the merchant is "force posting" the transaction without getting prior authorization, a recurring payment that exceeds the available balance will result in a negative balance. The negative balance will be reported the next day, and the Disbursing Officer must notify the cardholder to come to disbursing to clear the negative balance.

If a cardholder has used a Navy/Marine Cash card for a recurring payment and, for some reason, a merchant continues to submit the recurring payment after the cardholder notified them to cancel their service, the cardholder must first contact the merchant to work out the problem. If the cardholder is unable to settle the issue, they may contact the Customer Service Center (CSC) for help in resolving the dispute with the merchant. The Fraud/Claims Group will contact the merchant and work to halt the recurring payment and restore the funds to the Navy/Marine Cash account.

