



DEPARTMENT OF THE NAVY
OFFICE OF THE CHIEF OF NAVAL OPERATIONS
2000 NAVY PENTAGON
WASHINGTON, D.C. 20350-2000

IN REPLY REFER TO

OPNAVINST 3501.320A
N09C

03 APR 1997

OPNAV INSTRUCTION 3501.320A

From: Chief of Naval Operations
To: All Ships and Stations

Subj: REQUIRED OPERATIONAL CAPABILITIES (ROC)/PROJECTED
OPERATIONAL ENVIRONMENT (POE) FOR FLEET IMAGING COMMANDS
(FLTIMAGCOM)

Ref: (a) OPNAVINST C3501.2J (NOTAL)
(b) DODD 5040.4 of 30 Sep 96 (NOTAL)

Encl: (1) POE for FLTIMAGCOM's
(2) ROC for FLTIMAGCOM's
(3) Description of Combat Camera (COMCAM) Unit Type Codes
(UTC's)

1. Purpose. To issue a complete revision of POE and ROC for FLTIMAGCOM's. This instruction has been substantially revised and should be reviewed in its entirety.

2. Cancellation. OPNAVINST 3501.320.

3. Background. FLTIMAGCOM's are expressly organized, trained and equipped to provide rapid deployment Combat Camera (COMCAM) assets to support military exercises, operations, and contingencies. This includes providing specialized imaging acquisition and transmission capabilities to document force deployments and activities before, during and after military engagements.

4. Discussion

a. Enclosures (1) and (2) have been prepared per reference (a). The ROC and POE provide the necessary details to describe the mission areas, environment and operational capabilities for which the FLTIMAGCOM's are responsible in support of Fleet Commander in Chief (FLTCINC) taskings and the requirements of reference (b). This instruction provides resourcing agencies information concerning FLTIMAGCOM's mission requirements, capabilities and the types and locations of expected operations. Together, the ROC and POE establish tasking which produces a



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measurable workload used to compute personnel requirements for Fleet Manpower Documents (FMD).

b. Enclosure (3) contains descriptions of COMCAM UTC's used throughout this instruction.

5. Action. Fleet Commanders in Chief are requested to periodically review enclosures (1) through (3) and recommend changes to the Chief of Naval Operations (Attn: N09C1) as may be appropriate when capabilities of FLTIMAGCOM's are significantly altered. Change recommendations should include comments on the expected FMD impact.



KENDELL PEASE

Special Assistant for Public Affairs
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POE FOR FLEET IMAGING COMMAND (FLTIMAGCOM)

1. FLTIMAGCOM's. FLTIMAGCOM's are expressly organized, trained and equipped to provide rapid deployment Combat Camera (COMCAM) assets to support military exercises, operations, and contingencies. This includes providing specialized imaging acquisition and transmission capabilities to document force deployments and activities before, during and after military engagements. In addition, FLTIMAGCOM's operate imaging facilities to support Fleet Commanders and deployed COMCAM teams. Fleet Imaging Command Atlantic (FLTIMAGCOMLANT) is under the operational control of the Commander in Chief Atlantic Fleet (CINCLANTFLT); and Fleet Imaging Command Pacific (FLTIMAGCOMPAC) is under the operational control of Commander in Chief Pacific Fleet (CINCPACFLT).
2. Combat Camera Units (CCU's). CCU's are subordinate to FLTIMAGCOM's and are comprised of active and naval reserve forces. CCU's deploy COMCAM and Imaging Management Teams in support of naval, Joint Task Force (JTF), Combatant Command, Joint Staff and National Command Authority (NCA) objectives. CCU's are organized, trained and equipped to provide a directed imagery capability in support of operational and planning requirements during worldwide crises, operations other than war, exercises and wartime operations.
3. Unit Type Codes (UTC's). Alphanumeric codes assigned to operational entities within the Armed Forces. UTC's are used to identify personnel and equipment required to complete force deployment packages. There are three basic UTC's assigned to Navy CCU's which can be modified into four additional UTC's to meet specialized imagery requirements. Basic descriptions, as listed in the Type Unit Data File (TUCHA), of these three UTC's and the four modified UTC's can be found in enclosure (3). Manpower requirements to fulfill the three basic UTC's are listed below:

Enclosure (1)

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Billet Title	Desig Rate/Grade	NOBC PNEC/SNEC
N26CM (Combat Camera Management)		
Combat Camera Officer	6470/LT	
Leading Chief	PHC/JOC	8144/8148
N26DT (Combat Camera Documentation Detachment)		
Crew Chief	PHC	8144/8148
Videographer/Editor	PH1	8144
Videographer	PH1	8143
Videographer (Aerial)	PH1	8143(8288)
Photojournalist	PH1	8148
Photojournalist	PH2	8147
Electronic Imaging Spec	PH2	8193
Aerial Photographer	PH2	8288
Video Engineer	IC1	4747
Journalist	JO2	3221
N26UW (Underwater Combat Documentation Team)		
Diving Supervisor/ Underwater Photographer	PHC	5342/8144
First Class Diver/ Underwater Photographer	PH1	5342/8143
First Class Diver/ Underwater Photographer	PH2	5342/8193
Second Class Diver/ Underwater Photographer	PH2	5343/8143
Second Class Diver/ Underwater Photographer	PH3	5343/8193

Note: The Leading Chief of one of the two Combat Management UTC's (N26CM) can be a Chief Journalist (JOC) (NEC 8148) but not both.

4. Deploy to forward operating areas and foreign countries during wartime. Because of wide variations in length and location of deployment, and purpose of mission, provide

Enclosure (1)

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multiple geographically-separated detachments able to operate simultaneously from aircraft carriers, surface combatants, amphibious ships and shore bases with a unit composition as identified in paragraph 3.

5. Capable of deploying one UTC N26DT Combat Camera Detachment (as detailed in enclosure 3) within 24 hours to conduct 14 days self-sustaining operations in response to respective FLTCINC tasking. The UTC N26DT may be comprised of active and/or naval reserve equipment and personnel.
6. Capable of deploying six UTC N26DTs, three UTC N26CMs and one N26UW on separate missions simultaneously, when augmented for wartime deployment by reserve components. Capable of deploying four N26DTs, two N26CMs and one N26UW without reserve augmentation.
7. Capable of deploying with all required COMCAM equipment and supplies. CCU's must be provided base support if available (i.e., berthing, messing, security, etc.), strategic and tactical transportation.
8. Capable of deploying tailored UTC's for specific directed imagery support requirements as detailed in enclosure (3).
9. Operate from any naval ship.
10. Deploy with Navy and Marine landing and amphibious forces.
11. Deploy with Construction Battalion units.
12. Maintain capability to operate in desert, tropical, mountainous and extreme cold weather environments.
13. Provide basic shipboard damage control, NBC, survival, small arms, and field training to all deployable personnel.
14. Deploy personnel combat gear, including weapons and ammunition, and survival gear appropriate for the environment.
15. Capable of providing time phased resupply requirements to deployed units.

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16. Deploy Aerial Cameraman (NEC PH-8288).
17. Deploy qualified Underwater Cameramen (FLTIMAGCOMLANT only).
18. Capable of performing all assigned primary missions as tasked by FLTCINC's.
19. Capable of performing organizational and intermediate level maintenance on own unit equipment.
20. Provide mobilization training for assigned Reserve personnel to augment and integrate with appropriate UTC's.

Enclosure (1)

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ROC FOR FLTIMAGCOM

1. The FLTIMAGCOM's mission is to train for and provide the complete spectrum of professional imaging services and management, including still photography (chemical-based and electronic), and motion media (video) to all fleet units and shore activities in their respective Area Of Responsibilities; maintain trained combat camera teams and specialized imaging capabilities for the attainment of naval and national objectives in support of the FLTCINC's, Combatant Commands or Joint Task Force (JTF) operations. In addition, the CCU's provide their own limited area self-defense.

2. The following primary and secondary warfare mission areas are assigned:

FLTIMAGCOM						
AMW	ASU	CCC	FSO	INT	MOB	NCO
P	P	S	P	S	P	S

Note: P = Primary mission, S = Secondary mission

REPORTING CONDITION V
 DEGREE OF CAPABILITY
 F = Full capability
 L = Limited capability

DEGREE OF CAPABILITY

1. Amphibious Warfare (AMW)

AMW 19 - Perform AMW Battle Damage Assessment (BDA).

AMW 19.1 Perform AMW BDA.

L

(L) Limited to hand-held still and motion imagery.

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DEGREE OF CAPABILITY

2. ANTI-SURFACE SHIP WARFARE (ASU)

ASU 16 - Perform ASU Battle Damage Assessment (BDA).

ASU 16.1 Perform ASU BDA. L

(L) Limited to hand-held still and motion imagery.

3. Command, Control and Communications (CCC)

CCC 3 - Provide own unit's command and control functions.

CCC 3.3 Provide all personnel services, programs and facilities to safeguard classified material and information. F

CCC 3.4 Carry out emergency destruction of classified matter and equipment rapidly and efficiently. F

CCC 6 - Provide Communications for own unit.

CCC 6.1 Maintain tactical voice communications. L

(L) Limited to portable equipment when not embarked.

4. Fleet Support Operations (FSO)

FSO 1 - Repair and overhaul ships, aircraft and associated equipment.

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DEGREE OF CAPABILITY

- FSO 1.1 Provide the following services: L
- (a) Photography (including underwater still and motion imaging).
 - (L) Underwater imaging services provided by FLTIMAGCOMLANT only.
- FSO 1.14 Provide inspection, test, calibration or repair services for photographic equipment. L
- (L) Limited to own unit.
- FSO 3 - Provide support services to other units.
- FSO 3.1 Provide the following services to other units: F
- (zz) Other: Visual Information Documentation (VIDOC) to support Fleet requirements.
- FSO 5 - Conduct towing/search/salvage/rescue operations.
- FSO 5.12 Conduct underwater search operations with video and/or still cameras. L
- (L) FLTIMAGCOMLANT only.
- FSO 66 - Conduct/support visual information documentation (VIDOC) using chemical, electronic and digital still and motion media.

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DEGREE OF CAPABILITY

FSO 66.1	Conduct VIDOC in support of:	
	(a) Combat operations (COMDOC).	F
	(b) Operational requirements (OPDOC).	F
	(c) Technical evaluations (TECHDOC).	F
FSO 66.2	Provide the following imaging services:	
	(a) Hand-held acquisition.	F
	(b) Processing.	F
	(c) Printing.	F
	(d) Duplication.	F
FSO 66.3	Provide motion media editing, sound mixing and duplication services.	F
FSO 66.4	Provide digital image storage services.	F
FSO 66.5	Provide secure and/or non-secure electronic image transmission services.	F

DEGREE OF CAPABILITY

- | | | |
|----------|--|---|
| FSO 66.6 | Provide technical guidance and assistance to fleet units in photographic acquisition and production. | F |
| FSO 66.7 | Provide night imagery capability. | F |

5. Intelligence (INT)

INT 1 - Support/Conduct intelligence collection.

- | | | |
|---------|--|---|
| INT 1.3 | Support/conduct imagery intelligence information collection. | F |
|---------|--|---|

- | | | |
|----------|--|---|
| INT 1.11 | Maintain radar scope photography capability. | F |
|----------|--|---|

INT 7 - Support/conduct airborne reconnaissance.

- | | | |
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| INT 7.4 | Conduct strike photography with installed or hand-held cameras, or sensors before, during or after the strike. | L |
|---------|--|---|

(L) Limited to hand-held cameras.

6. Mobility (MOB)

MOB 3 - Prevent and control damage.

- | | | |
|---------|--|---|
| MOB 3.2 | Counter and control CBR contaminants/agents. | L |
|---------|--|---|

(L) Limited to protective

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DEGREE OF CAPABILITY

clothing.

MOB 8 - Operate from a ship.

MOB 8.1	Operate from an aircraft carrier.	F
MOB 8.2	Operate from a ship with a helicopter platform.	F
MOB 8.3	Operate from a submarine. (L) FLTIMAGCOMLANT only.	L
MOB 8.4	Operate from combatant craft.	F
MOB 8.5	Operate from SDV. (L) FLTIMAGCOMLANT only.	L
MOB 8.6	Operate from merchant ships and indigenous craft.	F
MOB 8.7	Operate from a ship capable of supporting air control activities in support of amphibious operations.	F
MOB 8.8	Operate from a well deck-equipped amphibious ship.	F
MOB 8.10	Operate from utility and amphibious craft supporting construction operations.	F
MOB 8.11	Operate from an auxiliary submarine rescue ship. (L) FLTIMAGCOMLANT only.	L

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DEGREE OF CAPABILITY

MOB 8.12	Operate from an LHD, LHA or LPH.	F
MOB 11	Maintain mount-out capabilities.	
MOB 11.1	Deploy with organic allowance within designated time period.	F
MOB 11.2	Mount-out selected element/ detachments.	F
MOB 14	Conduct operations ashore.	
MOB 14.1	Operate in climate extremes ranging from cold weather to tropical to desert environments.	F
MOB 14.5	Conduct peacetime activation, mount out, and movement exercises of selected personnel and equipment to ensure capability of contingencies involving naval forces short of general war.	F

7. Non-combat Operations (NCO)

NCO 2	Provide administrative and supply support for own unit. (NOTE: If supporting an embarked staff, indicate next to each applicable ROC and define staff to be supported in POE state- ment).	
NCO 2.1	Provide supply support services.	F
NCO 2.2	Provide clerical services.	F

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NCO 2.7	Provide inventory and custodial services.	F
NCO 3	- Provide upkeep and maintenance of own unit.	
NCO 3.1	Provide organizational level preventive maintenance.	F
NCO 3.2	Repair organizational level corrective maintenance.	F
NCO 8	- Serve as a platform for operational test and evaluation of systems, equipment, and tactics.	
NCO 8.1	Provide technical assistance for installed test and evaluation equipment. (L) Limited to imaging equipment.	L
NCO 8.2	Perform the test and evaluation functions set forth in the appropriate test plans. (L) Limited to imaging equipment.	L
NCO 10	- Provide emergency/disaster assistance.	
NCO 10.11	Provide VIDOC support services.	F

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NCO 11 - Support/provide for the evacuation of non-combatant personnel in areas of civil or international crisis.

NCO 11.6 Provide VIDOC support services.

F

NCO 20 - Assist and support the operating forces in the planning and conduct of deception operations.

NCO 20.9 Provide visual imaging services in support of Psychological Operations.

F

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DESCRIPTION OF COMCAM UTC's

1. **UTC's.** UTC's are alphanumeric codes assigned to operational entities within the Armed Forces and are used to identify personnel and equipment required to complete force deployment packages. There are seven UTC's assigned to Navy CCU's which can be modified to meet specialized imagery requirements. Basic descriptions, as listed in the Type Unit Data File (TUCHA), of these seven UTC's are:

a. **N26CM (Combat Camera Management).** Provides command and control, functional management, and/or staff assistance of combat camera resources. This UTC is capable of overseeing combat camera operations including: tasking, compiling sitreps, product transmission, still, video and digital editing and duplication, staff and training support. Management core plans and coordinates the arrival and redistribution of subordinate units, maintenance and spares program, budget and supply, equipment distribution, transportation and personnel. UTC is capable of coordinating Navy COMCAM issues. Tactical radios are included. Members are small arms qualified and deploy with own weapons. Can augment any N26 series UTC.

Title	NEC	Rank	Number
Combat Camera Officer	647X	03-01	1
Leading Chief	8144/8148	E7-E6	1

b. **N26DT (Combat Camera Documentation Detachment).** Provides independent documentation of combat operations, contingencies, and significant events. This UTC augments battle staff to provide functional management of combat camera resources and coordinates activities of organic photo assets when required. Team can document in day/night, nuclear, biological and chemical (NBC), ground, at-sea and aerial environments. Capabilities include: video documentation; edited products with distribution in VHS, Betacam SP or HI-8; acquisition and processing of still film-based and digital images; imagery transmission services using portable/installed secure/non-secure equipment; logistic and management functions for detachment, including maintenance, supply, spares, equipment and transportation. Maintenance capability is limited to cleaning, field inspection and minor repair. Tactical radios are included. Members are small arms qualified and deploy with own weapons. If assigned ashore, UTC

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must be provided two four-wheel drive (4WD) vehicles by operational commander to support ground mobile operations. This UTC is a combat trained field unit.

Title	NEC	Rank	Number
Crew Chief	8144/8148	E7-E6	1
Videographer/Editor	8144	E6-E5	1
Videographer	8143	E6-E4	1
Videographer (Aerial)	8143(8288)	E6-E4	1
Photojournalist	8148/8147	E6-E5	2
Electronic Imaging Specialist	8193	E6-E4	1
Aerial Photographer	8288	E5-E3	1
Video Engineer	4747	E6-E5	1
Journalist	3221	E5-E4	1

c. **N26ED (Video Editing)**. Capabilities include: video editing and duplication with distribution in VHS, Betacam SP or HI-8. Maintenance capability is limited to cleaning, field inspection and minor repair. Tactical radios are included. Members are small arms qualified and deploy with own weapons.

Title	NEC	Rank	Number
Videographer/Editor	8144/8143	E7-E6	1
Videographer/Editor	8143	E6-E5	1
Journalist	3221	E5-E4	1
Video Engineer	4747	E6-E5	1

d. **N26VA (Video documentation Team)**. Capable of providing video documentation of combat operations, contingencies, exercises and significant events. Team can document in day/night, NBC, ground and at-sea environments. Operator maintenance is limited to cleaning and field inspection. Tactical radios are included. Members are small arms qualified and deploy with own weapons. If assigned ashore, UTC must be provided one 4WD vehicle by operational commander to support ground mobile operations.

Title	NEC	Rank	Number
Videographer	8144	E7-E6	1
Videographer	8144/8143	E6/E5	1
Videographer	8143	E5	1

Enclosure (3)

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e. N26SA (Still Documentation Team). Provides still documentation of combat operations, contingencies, exercises and significant events. Team can document in day/night, NBC, ground and at-sea environments. Images are acquired in 35mm film, slide and digital format. Team has limited processing capability and can transmit still imagery using installed/portable secure/non-secure equipment. Operator maintenance is limited to cleaning and field inspection. Tactical radios are included. Members are small arms qualified and deploy with own weapons. If assigned ashore, UTC must be provided one 4WD vehicle by operational commander to support ground mobile operations.

Title	NEC	Rank	Number
Photojournalist	8148/8147	E6/E5	1
Photojournalist	8148/8147	E5/E4	1
Electronic Imaging Specialist	8193	E6-E4	1

f. N26SD (Still Digital Documentation Team). Provides still documentation of combat operations, contingencies, exercises and significant events. Team can document in day/night, NBC, ground and at-sea environments. Images are acquired in digital format and processed using electronic imaging systems. Team can transmit still digital imagery using installed/portable secure/non-secure equipment. Operator maintenance is limited to cleaning and field inspection. Tactical radios are included. Members are small arms qualified and deploy with own weapons. If assigned ashore, UTC must be provided one 4WD vehicle by operational commander to support ground mobile operations.

Title	NEC	Rank	Number
Photojournalist	8148/8147	E6/E5	1
Photojournalist	8148/8147	E5/E4	1
Electronic Imaging Specialist	8193	E6-E4	1

g. N26UW (Underwater Combat Documentation Team). Capable of providing imaging and documentation support of multi-service underwater operations (Underwater Construction Teams, Explosive Ordinance Disposal (EOD), Special Operation Commands, mobile diving and salvage units) including: still digital and 35mm film-based systems; HI-8 motion video; digital imaging and transmission; and limited motion video editing. Members are qualified Navy divers (NEC 5342 or 5343). Most members have secondary specialties of Electronic Imaging Specialist, NEC

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8193; Videographer, NEC 8143; Videographer/Editor, NEC 8144. Tactical radio are included. Members are small arms qualified and deploy with own weapons. Team can deploy alone or can augment any N26 series UTC as required.

Title	NEC	Rank	Number
Diving Supervisor/ Underwater Photographer	5342	E7	1
First Class Diver/ Underwater Photographer	5342	E6-E5	2
Second Class Diver/ Underwater Photographer	5343	E5-E4	2

Enclosure (3)