



DEPARTMENT OF THE NAVY
FLEET COMPOSITE SQUADRON SIX
NAVAL AIR STATION
NORFOLK, VIRGINIA 23511-5594

7988

IN REPLY REFER TO:

5750
Ser 12/272
06 JUN 1988

From: Commanding Officer, Fleet Composite Squadron SIX
To: Director of Naval History (OP-09BH), Washington Navy Yard,
Washington, DC 20374-0571

Subj: COMMAND HISTORY FOR CALENDAR YEAR 88

Ref: (a) OPNAVINST 5750.12D
(b) COMNAVAIRLANT Norfolk VA 261010Z Jan 89 (NOTAL)

Encl: (1) Fleet Composite Squadron SIX 1988 Command History
(2) CDR J. M. Cutcher's Biography and Photograph
(3) Operational Statistics for 1988
(4) FY 88 Golden Anchor Award Submission
(5) Squadron Information Pamphlet

1. In accordance with reference (a), enclosures (1) through (5) are submitted.

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Copy to:
CINCLANTFLT (Code J019)
COMNAVAIRLANT (Code 013)
COMTACSUPWING ONE

Post

FLECOMPRON SIX COMMAND HISTORY

FOR CY-88

1. Command Composition and Organization

a. Mission: To provide remote control aerial and surface target services to units of the Atlantic Fleet. To provide Remotely Piloted Vehicle (RPV) tactical reconnaissance and surveillance services to units of the Atlantic and Pacific Fleets. To provide organizational and partial intermediate and depot level maintenance support, and to train personnel to maintain and operate assigned equipment.

b. ISIC: Commander, Fleet Tactical Support Wing ONE, COMFLTAC Support Wing ONE

c. Squadron Composition:

<u>UIC</u>	<u>TITLE</u>
09806	- VC-6 Shore <u>NAS Norfolk, VA</u> ; NAB Little Creek, VA)
32019	- VC-6 Sea Det component (NAB Little Creek, VA; FCTC Dam Neck, VA)
30197	- VC-6 Det Dam Neck (FCTC Dam Neck, VA)
55243	- VC-6 Det Patuxent River (NAS Patuxent River, MD)

d. Squadron Commander: Commander J. M. Cutcher, USN
Biography and Photograph: (enclosure 2)

e. Squadron Personnel:

- (1) Officers - 20
- (2) Enlisted - 220

f. Home Base: Naval Air Station, Norfolk, Virginia.

g. Type and number of assets assigned:

- (1) QST 33 - 8
- (2) QST 35 - 8
- (3) BQM 74 - 22
- (4) PIONEER - 2 Systems (Ground control station, portable control station, five air vehicles, miscellaneous support equipment per system)

2. CHRONOLOGY

Jan: Maint -Provided DPT-2 Shrike Emitter for augmentation of a Hulk at Norfolk Naval Shipyard
-Provided non-RFI engine to NASA Langley for testing (shape/weight and balance)

- received BQM-74C peculiar support equipment from Souda Bay, GR (disestablishment of Northrop contract operations)
- Target Auxiliary and Augmentation Systems Integrated Logistic Support Management Team meeting

Det L/C -Received QST 35 TB 8603 from manufacturer

Det D/N -61 min. flt., 2 missiles, target recovered
-33 min. flt., no missiles, target lost at sea
-47 min. flt., tracking only, target recovered
-49 min. flt., tracking only, target recovered

Det PAX -Deployed USS IOWA (1 Jan-10 Mar) (MED/NATO/IO/Persian Gulf)

Feb: Maint -Provided NAVWPCEN China Lake proposed allowance parts list in support of ITCS
-ALL BQM-74C 507 series aerial targets were transferred to AFWTF

Det D/N -32 min. flt., 1 missile, target lost at sea
-52 min. flt., 2 missiles, target lost at sea

Mar: Maint -Seaborne Target Users Conference NAVSEA Washington, DC

Train -BQM-74C Standardization Manual Published

Det L/C -Received QST 35 TB 8605 from manufacturer, then shipped to Gitmo

Det D/N -40 min. flt., 1 missile, target recovered

Apr: Maint -HERO survey conducted at Dam Neck by NAVWPCEN Dahlgren, VA
-AIRFRAMES rehab launch and recover system from RPV Det aboard USS IOWA
-REHAB spaces aboard USS IOWA
-Assist RPV Det in PAX River in setting up maintenance and corrosion control program for the RPV target
-Boat Shop set up their first ground control station to operate QST-33 from Fort Monroe
-Boat Shop converted QST-33 TD7803 to accept the 1988 series mercruiser engine
-Boat Shop and Det Little Creek teamed together to operate QST-33 from QST-35

Det L/C -Deployed to Gitmo (8-25)
-Shipped QST 35 TB 8603 to Mayport, FL

Det D/N -16 min. flt., 1 missile, target recovered
-44 min. flt., no missiles, target recovered
-24 min. flt., 2 missiles, hit and kill
-28 min. flt., 2 missiles, target recovered
-Det Alpha to USS FAHRION - TRANSLANT - (25 Apr-16 May)

May: Admin -Processed RPV DET ONE awards

Maint -ATC attended BQM-74C publication review conference at Northrop Division Ventura, CA
-BQM-74C Target System Integrated Logistic Support management Team (ILST) meeting NAS Norfolk
-Wall to wall IMRL inventory custody record statement

Det L/C -Shipped QST 35 TB 8605 to Mayport, FL
-Deployed to Mayport (6-16)
-Deployed to Gitmo (13-27)

Det D/N -QST 35 TB 7151 destroyed by missile fire from USS KENNEDY
 -42 min flt., no missiles, target recovered
 -16 min flt., 4 missiles, target lost at sea
 -11 min flt., 2 missiles, target lost at sea
 -32 min flt., 2 missiles, target recovered
 -35 min flt., 2 missiles, target recovered

Jun: Maint -Crew TAD TO VC-6 RPV Det to implement MRC's for the RPV target
 -Boat Shop made their first run down the intercostal waterway to Coinjock, NC and back with the QST-33 Target Boat
 -completed functional wing semi-annual corrosion control inspection with a grade of outstanding
 Train -QST-33/QST-35 surface target STANDMAN's published
 Det L/C -Deployed to Gitmo (16-30)
 Det D/N -57 min. flt., 2 missiles, target recovered

Jul: Maint -In-Service Target System Support Meeting at Aviation Supply Office, Philadelphia, PA
 -AZ2 TAD to VC-6 RPV Det Pax River to provide training for AZs and aid in correction of CTSW1 corrosion control discrepancies
 -JATO Rocket Systems Integrated Logistics Support Management Team meeting
 -Submitted proposed changes to ITCS manuals
 Train -LCDR D. Evans, Royal Navy received for RCO training
 Det L/C -Deployed to Mayport (12-22)
 Det D/N -Deployed to NAF Mayport (5-9)
 Det PAX -Deployed USS IOWA (7-18)

Aug: Maint -Systems Replacement and Modernization Program FY89 planning conference NAS Oceana
 -QST 35 TB 7605 destroyed by missile fire from USS ROOSEVELT
 -Deployed to Mayport (16-29)

Sep: Train -Hazardous Waste Storage site best in Hampton Roads
 Det L/C -Deployed to Lake George, FL (7-20)
 -Deployed to Gitmo 16-30)
 Det PAX -Deployed USS IOWA (26-30)

Oct: Maint -Conducted internal audit on Det Little Creek maintenance procedures, material management and accountability
 Det L/C -Deployed to Gitmo (7-21)
 -Received QST 35 TB 8507 from PMTC
 Det D/N -First flight of BQM-74C PHOENIX, 45 min flt, target recovered

Nov: Maint -Submitted Basic Facilities Requirement (BFR) questionnaire to NAS as input to master plan for NAS Norfolk
 -Submitted proposed changes to VEGA Model 6157 portable radar track and control set (PRTCS) to NAVWPCEN China Lake, CA
 -Conducted internal audit on Det Dam Neck Maintenance procedures, Material management and accountability

- Completed annual physical inventory of on hand/in use SE
- Received target boat from Charleston, SC, which is now known as MM1
- PHOENIX flew last flight
- Det L/C -Received QST 35 TB 8610 from manufacturer
- Deployed to Gitmo (11-20)
- Deployed to Mayport (25 Nov-21 Dec)
- Det D/N -Train OP with PHOENIX, 20 min. flt., target recovered
- Train OP with PHOENIX, 17 min. flt., target not recovered
- Det Alpha to Newport, RI (10-18)
- Det PAX -Deployed USS IOWA (23 Nov-7 Dec)

- Dec: Admin -ADMAT Inspection
- Maint -Boat Shop crew sent to Mayport, FL to repair structure damage on QST-33 target boat
- Det L/C -Deployed to Mayport (28 Dec-13 Jan 89)
- QST 35 TB 8205 destroyed by gun fire from USS CUNNINGHAM
- 45 min. flt., 2 missiles, salvaged
- Det D/N -Det Alpha to Roosevelt Roads (5-9)
- Det PAX -Total sorties for year with PIONEER - 77

3. Narrative

1988 was another prosperous year for FLECOMPRON SIX. Although aerial target operations were minimal due to overall availability of the Navy's BQM-74C aerial targets, significant operational events occurred with the Pioneer Remotely Piloted Vehicle (RPV) and surface targets.

The Pioneer RPV detachment completed its first deployment aboard USS IOWA. While under arduous conditions in the Persian Gulf, the RPV detachment achieved 100 percent full mission capability for the system. The detachment developed RPV NATOPS for pre-launch/launch/post-launch/recovery evolutions for the Mission Commander, Internal Pilot, Payload Operator, External Pilot, Crew Chief, Officer of the Deck and Tactical Action Officer. Additionally, the detachment also developed coordinating procedures to extend the role of the RPV to augment other battlegroup air assets for coordinating BB/CVW gun/air strike tactics with RPV NGFS and 'Bird Dog' support. The RPV coordinated SSC-VID operations with the LAMP MK I/III.

The surface target detachment at NAB Little Creek increased the number of surface operations due to operational commitments for the Persian Gulf.

Additionally, the following two firsts occurred in 1988:

- First successful surface to surface missile shot from a CV occurred during the sinking of a QST-35 target by missile crews of the USS JOHN F. KENNEDY.

- First establishment of surface target operations in Mayport, Florida in support of the DESRONs.

The aerial target detachment at Dam Neck completed their first total training exercise utilizing a rebuilt target known as the Phoenix.

4. Supporting Documents

- a. Operations Statistics for 1988 (enclosure 3)
- b. FY 88 Golden Anchor Award Submission (enclosure 4)
- e. Squadron Information Pamphlet (enclosure 5)

OPERATIONS STATISTICS FOR JANUARY

BQM-74C

	JAN 88		FY 88		FY 87	
	NO.	%	NO.	%	NO.	%
LAUNCHES	4.0		24.0		119.0	
SAT LAUNCHES	4.0	100.0	22.0	91.7	116.0	97.5
SAT MSNS	3.0	75.0	15.0	62.5	103.0	86.6
RECOVERIES	3.0	75.0	14.0	58.3	72.0	60.5
OP LOSSES	1.0	25.0	8.0	33.3	13.0	10.9
HIT & KILL	0.0	0.0	2.0	8.3	34.0	28.6
OP HOURS	3.1		14.2		47.4	

QST-35

LAUNCHES	1.0		7.0		160.0	
SAT MSNS	1.0	100.0	7.0	100.0	118.0	73.8
OP HOURS	1.0		38.0		633.3	

QST-33

LAUNCHES	3.0		16.0		35.0	
SAT MSNS	2.0	67.0	13.0	81.3	32.0	91.4
OP HOURS	3.9		28.4		92.3	

DR-2

LAUNCHES	3.0		12.0		52.0	
OP HOURS	27.0		96.3		354.0	

OPERATIONS STATISTICS FOR FEBRUARY

BQM-74C	FEB '88		FY 88		FY 87	
	NO.	%	NO.	%	NO.	%
LAUNCHES	2.0		26.0		119.0	
SAT LAUNCHES	2.0	100.0	24.0	92.3	116.0	97.5
SAT MSNS	2.0	100.0	17.0	65.4	103.0	86.6
RECOVERIES	1.0	50.0	15.0	57.7	72.0	60.5
OP LOSSES	0.0	0.0	8.0	30.8	13.0	10.9
HIT & KILL	1.0	50.0	3.0	11.5	34.0	28.6
OP HOURS	1.2		15.4		47.4	

QST-35						
	NO.	%	NO.	%	NO.	%
LAUNCHES	6.0		13.0		160.0	
SAT MSNS	0.0	0.0	7.0	53.8	118.0	73.8
OP HOURS	24.6		62.6		633.3	

QST-33						
	NO.	%	NO.	%	NO.	%
LAUNCHES	0.0		16.0		35.0	
SAT MSNS	0.0	0.0	13.0	81.3	32.0	91.4
OP HOURS	0.0		28.4		92.3	

DR-2						
	NO.	%	NO.	%	NO.	%
LAUNCHES	0.0		12.0		52.0	
OP HOURS	0.0		96.3		354.0	

OPERATIONS STATISTICS FOR MARCH

BQM-74C	MAR 88		FY 88		FY 87	
	NO.	%	NO.	%	NO.	%
LAUNCHES	4.0		30.0		119.0	
SAT LAUNCHES	4.0	100.0	28.0	93.3	116.0	97.5
SAT MSNS	4.0	100.0	21.0	70.0	103.0	86.6
RECOVERIES	3.0	75.0	18.0	60.0	72.0	60.5
OP LOSSES	0.0	0.0	8.0	26.7	13.0	10.9
HIT & KILL	1.0	25.0	4.0	13.3	34.0	28.6
OP HOURS	2.3		17.7		47.4	

QST-35						
LAUNCHES	8.0		21.0		160.0	
SAT MSNS	3.0	37.5	10.0	47.6	118.0	73.8
OP HOURS	36.2		98.8		633.3	

QST-33						
LAUNCHES	0.0		16.0		35.0	
SAT MSNS	0.0	0.0	13.0	81.3	32.0	91.4
OP HOURS	0.0		28.4		92.3	

DR-2						
LAUNCHES	4.0		16.0		52.0	
OP HOURS	14.2		110.5		354.0	

OPERATION STATISTICS FOR APRIL

QM-74C	APR 88		FY 88		FY 87	
	NO.	%	NO.	%	NO.	%
AUNCHES	4.0		34.0		119.0	
AT LAUNCHES	4.0	100.0	32.0	94.1	116.0	97.5
AT MSNS	4.0	100.0	25.0	73.5	103.0	86.6
RECOVERIES	3.0	75.0	21.0	61.8	72.0	60.5
P LOSSES	0.0	0.0	8.0	23.5	13.0	10.9
IT & KILL	1.0	25.0	5.0	14.7	34.0	28.6
P HOURS	1.5		19.2		47.4	

ST-35						
AUNCHES	4.0		25.0		160.0	
AT MSNS	4.0	100.0	14.0	56.0	118.0	73.8
P HOURS	34.0		132.8		633.3	

ST-33						
AUNCHES	0.0		16.0		35.0	
AT MSNS	0.0	0.0	13.0	81.3	32.0	91.4
P HOURS	0.0		28.4		92.3	

R-2						
AUNCHES	3.0		19.0		52.0	
P HOURS	10.1		120.6		354.0	

OPERATIONS STATISTICS FOR MAY

	MAY 88		FY 88		FY 87	
	NO.	%	NO.	%	NO.	%
BQM-74C						
LAUNCHES	5.0		39.0		119.0	
SAT LAUNCHES	5.0	100.0	37.0	94.9	116.0	97.5
SAT MSNS	5.0	100.0	30.0	76.9	103.0	86.6
RECOVERIES	4.0	80.0	25.0	64.1	72.0	60.5
OP LOSSES	1.0	20.0	9.0	23.1	13.0	10.9
HIT & KILL	0.0	0.0	5.0	12.8	34.0	28.6
OP HOURS	2.6		21.8		47.4	

ST-35						
LAUNCHES	53.0		78.0		160.0	
SAT MSNS	50.0	94.3	64.0	82.0	118.0	73.8
OP HOURS	165.0		297.8		633.3	

ST-33						
LAUNCHES	0.0		16.0		35.0	
SAT MSNS	0.0	0.0	13.0	81.3	32.0	91.4
OP HOURS	0.0		28.4		92.3	

R-2						
LAUNCHES	1.0		20.0		52.0	
OP HOURS	6.2		126.8		354.0	

OPERATIONS STATISTICS FOR JUNE

BQM-74C

	JUN 88		FY 88		FY 87	
	NO.	%	NO.	%	NO.	%
LAUNCHES	2.0		41.0		119.0	
SAT LAUNCHES	2.0	100.0	39.0	95.1	116.0	97.5
SAT MSNS	2.0	100.0	32.0	78.0	103.0	86.6
RECOVERIES	2.0	100.0	27.0	65.9	72.0	60.5
OP LOSSES	0.0	0.0	9.0	22.0	13.0	10.9
HIT & KILL	0.0	0.0	5.0	12.2	34.0	28.6
OP HOURS	1.7		23.5		47.4	

QST-35

LAUNCHES	26.0		104.0		160.0	
SAT MSNS	22.0	84.6	86.0	82.6	118.0	73.8
OP HOURS	53.2		351.0		633.3	

QST-33

LAUNCHES	0.0		16.0		35.0	
SAT MSNS	0.0	0.0	13.0	81.3	32.0	91.4
OP HOURS	0.0		28.4		92.3	

DR-2

LAUNCHES	1.0		21.0		52.0	
OP HOURS	7.5		134.3		354.0	

OPERATIONS STATISTICS FOR JULY

	JUL 88		FY 88		FY 87	
	NO.	%	NO.	%	NO.	%
BQM-74C						
LAUNCHES	1.0		42.0		119.0	
SAT LAUNCHES	1.0	100.0	40.0	95.2	116.0	97.5
SAT MSNS	1.0	100.0	33.0	78.6	103.0	86.6
RECOVERIES	1.0	100.0	28.0	66.7	72.0	60.5
OP LOSSES	0.0	0.0	9.0	21.4	13.0	10.9
HIT & KILL	0.0	0.0	5.0	11.9	34.0	28.6
OP HOURS	0.8		24.3		47.4	
QST-35						
LAUNCHES	10.0		114.0		160.0	
SAT MSNS	8.0	80.0	94.0	82.4	118.0	73.8
OP HOURS	59.0		410.0		633.3	
QST-33						
LAUNCHES	0.0		16.0		35.0	
SAT MSNS	0.0	0.0	13.0	81.3	32.0	91.4
OP HOURS	0.0		28.4		92.3	
DR-2						
LAUNCHES	0.0		21.0		52.0	
OP HOURS	0.0		134.3		354.0	

OPERATIONS STATISTICS FOR AUGUST

	AUG 88		FY 88		FY 87	
	NO.	%	NO.	%	NO.	%
BQM-74C						
LAUNCHES	0.0		42.0		119.0	
SAT LAUNCHES	0.0	0.0	40.0	95.2	116.0	97.5
SAT MSNS	0.0	0.0	33.0	78.6	103.0	86.6
RECOVERIES	0.0	0.0	28.0	66.7	72.0	60.5
OP LOSSES	0.0	0.0	9.0	21.4	13.0	10.9
HIT & KILL	0.0	0.0	5.0	11.9	34.0	28.6
OP HOURS	0.8		24.3		47.4	
QST-35						
LAUNCHES	35.0		149.0		160.0	
SAT MSNS	29.0	82.9	123.0	82.6	118.0	73.8
OP HOURS	144.8		554.0		633.3	
QST-33						
LAUNCHES	3.0		19.0		35.0	
SAT MSNS	3.0	100.0	16.0	84.2	32.0	91.4
OP HOURS	15.5		43.9		92.3	
DR-2						
LAUNCHES	5.0		26.0		52.0	
OP HOURS	21.6		155.9		354.0	

OPERATIONS STATISTICS FOR SEPTEMBER

QM-74C	SEP 88		FY 88		FY 87	
	NO.	%	NO.	%	NO.	%
LAUNCHES	0.0		42.0		119.0	
AT LAUNCHES	0.0	0.0	40.0	95.2	116.0	97.5
AT MSNS	0.0	0.0	33.0	78.6	103.0	86.6
RECOVERIES	0.0	0.0	28.0	66.7	72.0	60.5
LOSSES	0.0	0.0	9.0	21.4	13.0	10.9
IT & KILL	0.0	0.0	5.0	11.9	34.0	28.6
P HOURS	0.0		24.3		47.4	
ST-35						
LAUNCHES	14.0		163.0		160.0	
AT MSNS	12.0	85.7	135.0	82.8	118.0	73.8
P HOURS	40.0		594.0		633.3	
ST-33						
LAUNCHES	5.0		24.0		35.0	
AT MSNS	5.0	100.0	21.0	87.5	32.0	91.4
P HOURS	4.0		47.9		92.3	
R-2						
LAUNCHES	0.0		26.0		52.0	
P HOURS	0.0		155.9		354.0	

OPERATIONS STATISTICS FOR OCTOBER

QM-74C	OCT 88		FY 89		FY 88	
	NO.	%	NO.	%	NO.	%
LAUNCHES	1.0		1.0		42.0	
AT LAUNCHES	1.0	100.0	1.0	100.0	40.0	95.2
AT MSNS	1.0	100.0	1.0	100.0	33.0	78.6
RECOVERIES	1.0	100.0	0.0	0.0	28.0	66.7
P LOSSES	0.0	0.0	0.0	0.0	9.0	21.4
IT & KILL	0.0	0.0	0.0	0.0	5.0	11.9
P HOURS	0.9		0.9		24.3	
ST-35						
LAUNCHES	25.0		25.0		163.0	
AT MSNS	24.0	96.0	24.0	96.0	135.0	82.8
P HOURS	94.4		94.4		594.0	
ST-33						
LAUNCHES	0.0		0.0		24.0	
AT MSNS	0.0	0.0	0.0	0.0	21.0	87.5
P HOURS	0.0		0.0		47.9	
R-2						
LAUNCHES	1.0		1.0		26.0	
P HOURS	6.9		6.9		155.9	

OPERATIONS STATISTICS FOR NOVEMBER

BQM-74C	NOV 88		FY 89		FY 88	
	NO.	%	NO.	%	NO.	%
LAUNCHES	2.0		3.0		42.0	
SAT LAUNCHES	2.0	100.0	3.0	100.0	40.0	95.2
SAT MSNS	1.0	50.0	1.0	33.3	33.0	78.6
RECOVERIES	1.0	50.0	0.0	0.0	28.0	66.7
OP LOSSES	1.0	50.0	1.0	33.3	9.0	21.4
HIT & KILL	0.0	0.0	0.0	0.0	5.0	11.9
OP HOURS	0.6		1.5		24.3	

QST-35						
LAUNCHES	8.0		33.0		163.0	
SAT MSNS	4.0	50.0	31.0	93.9	135.0	82.8
OP HOURS	6.5		100.9		594.0	

QST-33						
LAUNCHES	0.0		0.0		24.0	
SAT MSNS	0.0	0.0	0.0	0.0	21.0	87.5
OP HOURS	0.0		0.0		47.9	

DR-2						
LAUNCHES	2.0		3.0		26.0	
OP HOURS	16.7		23.6		155.9	

OPERATIONS STATISTICS FOR DECEMBER

QM-74C	DEC 88		FY 89		FY 88	
	NO.	%	NO.	%	NO.	%
AUNCHES	1.0		4.0		42.0	
AT LAUNCHES	1.0	100.0	4.0	100.0	40.0	95.2
AT MSNS	1.0	100.0	2.0	50.0	33.0	78.6
RECOVERIES	1.0	100.0	1.0	25.0	28.0	66.7
P LOSSES	0.0	0.0	1.0	25.0	9.0	21.4
IT & KILL	0.0	0.0	0.0	0.0	5.0	11.9
P HOURS	0.6		2.1		24.3	

ST-35

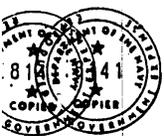
AUNCHES	20.0		53.0		163.0	
AT MSNS	20.0	100.0	51.0	96.2	135.0	82.8
P HOURS	88.0		188.9		594.0	

ST-33

AUNCHES	0.0		0.0		24.0	
AT MSNS	0.0	0.0	0.0	0.0	21.0	87.5
P HOURS	0.0		0.0		47.9	

R-2

AUNCHES	0.0		3.0		26.0	
P HOURS	0.0		23.6		155.9	



SUMMARY OF OPERATIONS FOR JANUARY

I. BQM OPERATIONS

DATE	LOCATION	UNIT(S)	WEAPONS	LAUNCHES	LOSSES	HIT & K
12 JAN	VACAPES	MAG-31	1-AIM-7F 1-AIM-7M	1		
13 JAN	VACAPES	MAG-31	NONE	1	1	
19 JAN	VACAPES	USS BIDDLE	TRACKEX	2		

II. SEPTAR OPERATIONS

DATE	LOCATION	UNIT(S)	WEAPONS	LAUNCHES	LOSSES	
11 JAN	VACAPES	DESRON 12	TRACKEX	1		
27 JAN	VACAPES	US ARMY	TRACKEX	1		
28 JAN	VACAPES	US ARMY	2-ASM	2	2	



SUMMARY OF OPERATIONS FOR FEBRUARY

. BQM OPERATIONS

DATE	LOCATION	UNIT(S)	WEAPONS	LAUNCHES	LOSSES	HIT & KILL
10 FEB	VACAPES	VF-33/101	1-AIM-7F	1		1
11 FEB	VACAPES	VF-33/101	2-AIM-7F	1		

I. SEPTAR OPERATIONS

DATE	LOCATION	UNIT(S)	WEAPONS	LAUNCHES	LOSSES
5 FEB	VACAPES	USS MOINESTER	CNX WX	2	
25 FEB	VACAPES	USS MCCANDLESS	N/A	2	
29 FEB	VACAPES	COMDESRON 26	N/A	2	



SUMMARY OF OPERATIONS FOR MARCH

I. BQM OPERATIONS

DATE	LOCATION	UNIT(S)	WEAPONS	LAUNCHES	LOSSES	HIT & KIL
16 MAR	VACAPES	VF-102/SEMMES	N/A	CNX WX		
17 MAR	VACAPES	VF-102/SEMMES	N/A	CNX WX		
28 MAR	VACAPES	USS AMERICA	N/A	CNX		
29 MAR	VACAPES	USS AMERICA	5-RIM-7M	3		1
30 MAR	VACAPES	USS AMERICA	1-RIM-7M	1		

II. SEPTAR OPERATIONS

DATE	LOCATION	UNIT(S)	WEAPONS	LAUNCHES	LOSSES
1 MAR	VACAPES	COMCRUDESGRU 8	90/5" 54	2	
7 MAR	VACAPES	USS MOINSTER	CNX WX	2	
9 MAR	VACAPES	USS MOINSTER	15/5" 54	2	
15 MAR	VACAPES	USCG BEAR	CNX WX	0	
17 MAR	VACAPES	USS PHARRIS	CNX WX	2	



SUMMARY OF OPERATIONS FOR APRIL

. BQM OPERATIONS

DATE	LOCATION	UNIT(S)	WEAPONS	LAUNCHES	LOSSES	HIT & KILI
01 APR	VACAPES	FITWING ONE	3-AIM-7F	3		1
25 APR	VACAPES	CVW-3	2-AIM-7F	1		

I. SEPTAR OPERATIONS

DATE	LOCATION	UNIT(S)	WEAPONS	LAUNCHES	LOSSES
13 APR	VACAPES	COMDESRON 32	CNX WX	0	
25 APR	VACAPES	USS DAHLGREN	30/5" 54	2	
26 APR	VACAPES	USS IOWA	50/5" 54	2	



SUMMARY OF OPERATIONS FOR MAY

BQM OPERATIONS

DATE	LOCATION	UNIT(S)	WEAPONS	LAUNCHES	LOSSES	HIT & KILL
3 MAY	OPEN OCEAN	DESRON 20	6-RIM-66	3	1	
8 MAY	OPEN OCEAN	DESRON 20	2-RIM-66	1		
11 MAY	VACAPES	COMFITWING ONE	2-AIM-7F	1		

I. SEPTAR OPERATIONS

DATE	LOCATION	UNIT(S)	WEAPONS	LAUNCHES	LOSSES
12 APR	GTMO	USS KLAKRING	22/76MM	2	
13 APR	GTMO	USS MILLER	TRACKEX	2	
14 APR	GTMO	USS SPART. CTY	TRACKEX	1	
15 APR	GTMO	USS MILLER	TRACKEX	1	
18 APR	GTMO	USS KLAKRING	CNX WX	2	
18 APR	GTMO	USS MILLER	TRACKEX	2	
18 APR	GTMO	USS SPART. CTY	TRACKEX	2	
19 APR	GTMO	USS MILLER	30/3" 50	2	
20 APR	GTMO	USS MILLER	TRACKEX	1	
20 APR	GTMO	USS KLAKRING	TRACKEX	1	
20 APR	GTMO	USS SPART. CTY	TRACKEX	1	
20 APR	GTMO	USS SAN JACINTO	TRACKEX	1	
21 APR	GTMO	USS MILLER	TRACKEX	1	
21 APR	GTMO	USS SAN JACINTO	TRACKEX	1	



22 APR	GTMO	USS SAN JACINTO	TRACKEX	1	
22 APR	GTMO	USS MOBILE BAY	TRACKEX	1	
27 APR	GTMO	USS SPART. CTY	TRACKEX	1	
27 APR	GTMO	USS DETROIT	TRACKEX	1	
28 APR	GTMO	USS MOBILE BAY	TRACKEX	2	
29 APR	GTMO	USS MOBILE BAY	TRACKEX	2	
16 MAY	GTMO	USCGC SPENCER	TRACKEX	1	
16 MAY	GTMO	USS INCHON	TRACKEX	1	
17 MAY	GTMO	USCGC SPENCER	TRACKEX	1	
17 MAY	GTMO	USS SAGANAW	TRACKEX	1	
18 MAY	GTMO	USCGC LANE	TRACKEX	1	
18 MAY	GTMO	USS MOOSBRUGGER	2/5"54	2	
18 MAY	GTMO	USCGC LANE	24/5"54	2	
19 MAY	GTMO	USS MOOSBRUGGER	TRACKEX	1	
19 MAY	VACAPES	USS KENNEDY	2-RIM-7H	2	1
20 MAY	GTMO	USCGC LANE	TRACKEX	1	
20 MAY	GTMO	USS MOOSBRUGGER	24/5"54	2	
20 MAY	GTMO	USS SAGANAW	TRACKEX	1	
23 MAY	GTMO	USS MOOSBRUGGER	TRACKEX	1	
23 MAY	GTMO	USS FITCH	TRACKEX	1	
23 MAY	GTMO	USCGC LANE	TRACKEX	1	
24 MAY	GTMO	USS MOOSBRUGGER	TRACKEX	1	
25 MAY	GTMO	USS FITCH	TRACKEX	1	
26 MAY	VACAPES	USS DANIELS	CNX WX	2	
31 MAY	VACAPES	USS BEARY	CNX WX	2	

ENCLOSURE



SUMMARY OF OPERATIONS FOR JUNE

I. BQM OPERATIONS

DATE	LOCATION	UNIT(S)	WEAPONS	LAUNCHES	LOSSES	HIT & KILI
29 JUN	VACAPES	COMFITWING ONE	3-AIM-7F	2		

II. SEPTAR OPERATIONS

DATE	LOCATION	UNIT(S)	WEAPONS	LAUNCHES	LOSSES
8 JUN	VACAPES	COMCARGRU 8	CNX	2	
20 JUN	VACAPES	USS HAYLER	CNX	2	
20 JUN	GTMO	USS HAWES	TRACKEX	2	
20 JUN	GTMO	USS HAWES	25/5"54	2	
20 JUN	GTMO	HSL 44	200/60 CAL	2	
21 JUN	GTMO	USS SAVANNAH	TRACKEX	2	
22 JUN	GTMO	USS HAWES	TRACKEX	2	
22 JUN	GTMO	USS OBANNON	30/3"50	2	
23 JUN	GTMO	USS GUADALCANAL	TRACKEX	2	
23 JUN	GTMO	USS GUADALCANAL	TRACKEX	2	
24 JUN	GTMO	USS GUADALCANAL	TRACKEX	2	
29 JUN	GTMO	USS SAVANNAH	TRACKEX	1	
29 JUN	VACAPES	USS AQUILA	25/MK 76	2	
30 JUN	GTMO	USS SAVANNAH	TRACKEX	1	



SUMMARY OF OPERATIONS FOR OCTOBER

BQM OPERATIONS

DATE	LOCATION	UNIT(S)	WEAPONS	LAUNCHES	LOSSES	HIT & KILL
OCT	VACAPES	VC-6	N/A	1	0	

SEPTAR OPERATIONS

DATE	LOCATION	UNIT(S)	WEAPONS	LAUNCHES	LOSSES
OCT	GITMO	USS VIRGINIA	TRACKEX	1	
OCT	GITMO	USS AYLWIN	TRACKEX	1	
OCT	GITMO	USS DALE	TRACKEX	2	
OCT	GITMO	USS AYLWIN	TRACKEX	3	
OCT	GITMO	USS DALE	TRACKEX	1	
OCT	GITMO	USS VIRGINIA	TRACKEX	1	
OCT	GITMO	USS VIRGINIA	TRACKEX	2	
OCT	GITMO	USS IOWA	TRACKEX	2	
OCT	VACAPES	USS SCOTT	28/5"54	2	
OCT	VACAPES	FCTCLANT	75/40MM	2	
OCT	VACAPES	FCTCLANT	35/40MM	2	
OCT	VACAPES	FCTCLANT	CNX/WX	2	
OCT	VACAPES	COMTE DE GRASSE	CNX/WX	2	
OCT	VACAPES	FCTCLANT	278/40MM	2	



SUMMARY OF OPERATIONS FOR SEPTEMBER

I. BQM OPERATIONS

DATE	LOCATION	UNIT(S)	WEAPONS	LAUNCHES	LOSSES	HIT & K.
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II. SEPTAR OPERATIONS

DATE	LOCATION	UNIT(S)	WEAPONS	LAUNCHES	LOSSES
14 SEP	LK GEORGE	CLAW-1	24/MK-76	1	
14 SEP	LK GEORGE	CLAW-1	24/MK-76	1	
15 SEP	LK GEORGE	USAF	20/MK-76	1	
15 SEP	LK GEORGE	CLAW-1	24/MK-76	1	
15 SEP	LK GEORGE	USAF	20/MK-76	1	
19 SEP	GITMO	USS AULWIN	TRACKEX	1	
20 SEP	GITMO	USS CONELLY	30/3'50	2	
21 SEP	GITMO	USS AULWIN	TRACKEX	1	
23 SEP	GITMO	USS CONELLY	TRACKEX	1	
26 SEP	GITMO	USS KAUFFMAN	TRACKEX	1	
27 SEP	GITMO	USS KAUFFMAN	TRACKEX	2	
28 SEP	GITMO	USS KAUFFMAN	TRACKEX	2	
29 SEP	GITMO	USS KAUFFMAN	TRACKEX	2	
30 SEP	VACAPES	USS HART	CNX	2	



SUMMARY OF OPERATIONS FOR AUGUST

I. BQM OPERATIONS

DATE	LOCATION	UNIT(S)	WEAPONS	LAUNCHES	LOSSES	HIT & KILL
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II. SEPTAR OPERATIONS

DATE	LOCATION	UNIT(S)	WEAPONS	LAUNCHES	LOSSES	
25 JUL	GITMO	USS PUGET SOUND	TRACKEX	1		
26 JUL	GITMO	USS WHIDBY IS	TRACKEX	1		
27 JUL	GITMO	USS BARNSTABLE	TRACKEX	1		
28 JUL	GITMO	USS WHIDBY IS	TRACKEX	1		
28 JUL	GITMO	USS VULCAN	CNX	2		
29 JUL	GITMO	USS NITRO	CNX	2		
01 AUG	GITMO	USS WHIDBY IS	TRACKEX	1		
01 AUG	GITMO	USS VULCAN	TRACKEX	1		
02 AUG	VACAPES	USS BIDDLE	45/5*54	2		
03 AUG	VACAPES	USS AQUILA	25/5*54	2		
03 AUG	GITMO	USS WHIDBY IS	TRACKEX	1		
04 AUG	GITMO	USS NITRO	TRACKEX	1		
05 AUG	GITMO	USS NITRO	TRACKEX	1		
08 AUG	VACAPES	USS CONOLLY	CNX	2		
15 AUG	VACAPES	VA-35	1/AGM-45A	2		
17 AUG	VACAPES	USS ROOSEVELT	1/RIM-7M	2	1	
20 AUG	VACAPES	USCGC	TRACKEX	1		
21 AUG	VACAPES	USCGC	TRACKEX	2		
22 AUG	VACAPES	USCGC	TRACKEX	1		
23 AUG	VACAPES	USCGC	TRACKEX	2		
24 AUG	VACAPES	USCGC	TRACKEX	3		
25 AUG	VACAPES	USCGC	TRACKEX	6		



SUMMARY OF OPERATIONS FOR JULY

I. BQM OPERATIONS

DATE	LOCATION	UNIT(S)	WEAPONS	LAUNCHES	LOSSES	HIT & KII
7 JUL	MAYPORT, FL	CLAW ONE	N/A	1		

II. SEPTAR OPERATIONS

DATE	LOCATION	UNIT(S)	WEAPONS	LAUNCHES	LOSSES
13 JUL	VACAPES	USS AQUILA	CNX WX	2	
15 JUL	MAYPORT	USS FLATLEY	36/5"54	2	
19 JUL	MAYPORT	USS SEMMES	TRACKEX	2	
19 JUL	VACAPES	USS YORKTOWN	30/5"54	2	
20 JUL	VACAPES	USS CARON	30/5"54	2	



SUMMARY OF OPERATIONS FOR NOVEMBER

I. BQM OPERATIONS

DATE	LOCATION	UNIT(S)	WEAPONS	LAUNCHES	LOSSES	HIT & KI
03 NOV	VACAPES	VC-6		1		
29 NOV	VACAPES	VC-6		1	1	

II. SEPTAR OPERATIONS

DATE	LOCATION	UNIT(S)	WEAPONS	LAUNCHES	LOSSES
14 NOV	GITMO	USS IOWA	TRACKEX	1	
15 NOV	GITMO	USS BOONE	TRACKEX	2	
17 NOV	GITMO	USS SENECA	TRACKEX	1	
18 NOV	GITMO	USS SENECA	CNX WX	2	
21 NOV	VACAPES	USS S. CAROLINA	CNX WX	2	



SUMMARY OF OPERATIONS FOR DECEMBER

BQM OPERATIONS

DATE	LOCATION	UNIT(S)	WEAPONS	LAUNCHES	LOSSES	HIT & KILL
22 DEC	VACAPES	VF-143	2-AIM-7F	1		

SEPTAR OPERATIONS

DATE	LOCATION	UNIT(S)	WEAPONS	LAUNCHES	LOSSES
30 NOV	MAYPORT	USS ANTRIM	30/5"54	2	
05 DEC	VACAPES	USS S. CAROLINA	24/5"54	2	
07 DEC	MAYPORT	USS HEWES	42/5"54	2	
07 DEC	MAYPORT	USS LEYTE GULF	30/5"54	2	
07 DEC	MAYPORT	USS SPRUANCE	54/5"54	2	
10 DEC	VACAPES	USS SELLARS	15/5"54	2	
15 DEC	MAYPORT	USS C. ADAMS	4/5"54	2	
15 DEC	MAYPORT	USS TATTNAL	30/5"54	2	
19 DEC	MAYPORT	USS LUCE	17/5"54	2	
30 DEC	VACAPES	DESRON 24	36/5"54	2	1