

Operation Blue Harvest



Day 2

Table of Contents

[Manual Revisions](#)

[Preface](#)

[Mission](#)

[Overview:](#)

[Threats:](#)

[Objectives:](#)

[Objective 1: Defend the FOB from a takeover](#)

[Objective 2: Defend the supply ships in the harbor](#)

[Objective 3: 259th to deploy a hawk battery](#)

[Objective 4: Defend the Tarawa](#)

[Objective 5: Rescue Downed Pilots from OPBH DAY 1 NIGHT 1](#)

[Special Instructions \(SPINS\)](#)

[Coalition Staging](#)

[Airspace Restrictions](#)

[Communications:](#)

[Air Traffic Control](#)

[Naval Assets](#)

[Tanker Frequencies](#)

[AWACS Frequencies](#)

[Presets](#)

[F/A-18C](#)

[F-16C](#)

[F-14B](#)

[A-10C](#)

[Ka-50](#)

[Mi-8](#)

[AET-100 & RAMROD](#)

[Code Words](#)

[Appendix](#)

[Ground Force Unit Structure](#)

[Flight Information Publication](#)



Manual Revisions

v1.0: Initial publication

v1.1: Added blue air defence platoon to defences

v1.2: Updated tanker list with new TACAN and freqs



Preface

Hello and welcome to Operation Blue Harvest. The idea of the campaign is to focus on mission planning and strategy. Please see the OPBH rules section for details. In order to be successful, each squadron will need to utilize the correct weapons for the objectives. There is a limited pool of ordinance that each squadron commander will have decided ahead of time. Please feel free to contact 132nd.Evo if you have any suggestions or ideas. Also a big thank you to 132nd.Neck for a lot of behind the scenes help.

This document is designed to be enjoyed only in the realm of DCS. It is not intended to discriminate or paint any country or organization in a negative light.



Mission

Overview:

Objective: Defend Bandar E Jask from counter attack with VUL 0700-0830z



After the initial assault, the LHA Tarawa was offloading troops to Bandar E Jask. A mechanical failure halted the deployment of troops for some time. The coalition was only able to deploy 1 armored company of M1A1 Abrams and 1 infantry company.

A counter attack at Bandar E Jask is expected sometime today. The 132nd is tasked to defend the area from counter attack.

Mission time: 3rd May 2010 0700z

Real life time: server will start at 1700z and the ingame time at start will be 0600z

If there are any technical issues which cause the time to desync real life time will be used. Plan all TOT and push times according to real life time!



Threats:

Confirmed Land Threats: T-72 MBT, BMP-2, SPH 2S1 Gvozdika

Reports of a battalion level build up of MBT and IFV

Confirmed Anti-Air Threats: ZSU-23-4 Shilka, SA-15, SA-19,

Reports of at least 1 air defence battery in the area

Confirmed Sea Threats: None

Confirmed Air Threats: Mig-21Bis, Mig-29A,

Possible Air Threats: Su-27, F-14B, Tu-22M3



Objectives:

It is important to remember it is not expected to complete all the objectives but prioritize and accomplish the ones you can. The War Council will set the objectives and the Mission Commander will decide how to accomplish them.

Objective 1: Defend the FOB from a takeover



Objective 2: Defend the supply ships in the harbor



Objective 3: 259th to deploy a hawk battery



Use CTLD to deploy a hawk battery around the Bandar E Jask Area to help with air defence

Objective 4: Defend the Tarawa



The USS Tarawa is deploying infantry and armored units around Bandar E Jask. It is vulnerable to airborne anti-ship attacks.



Objective 5: Rescue Downed Pilots from OPBH DAY 1 NIGHT 1



An aircraft was shot down during the last mission.
Fly into the area and search for the wreckage.



Special Instructions (SPINS)

Coalition Staging

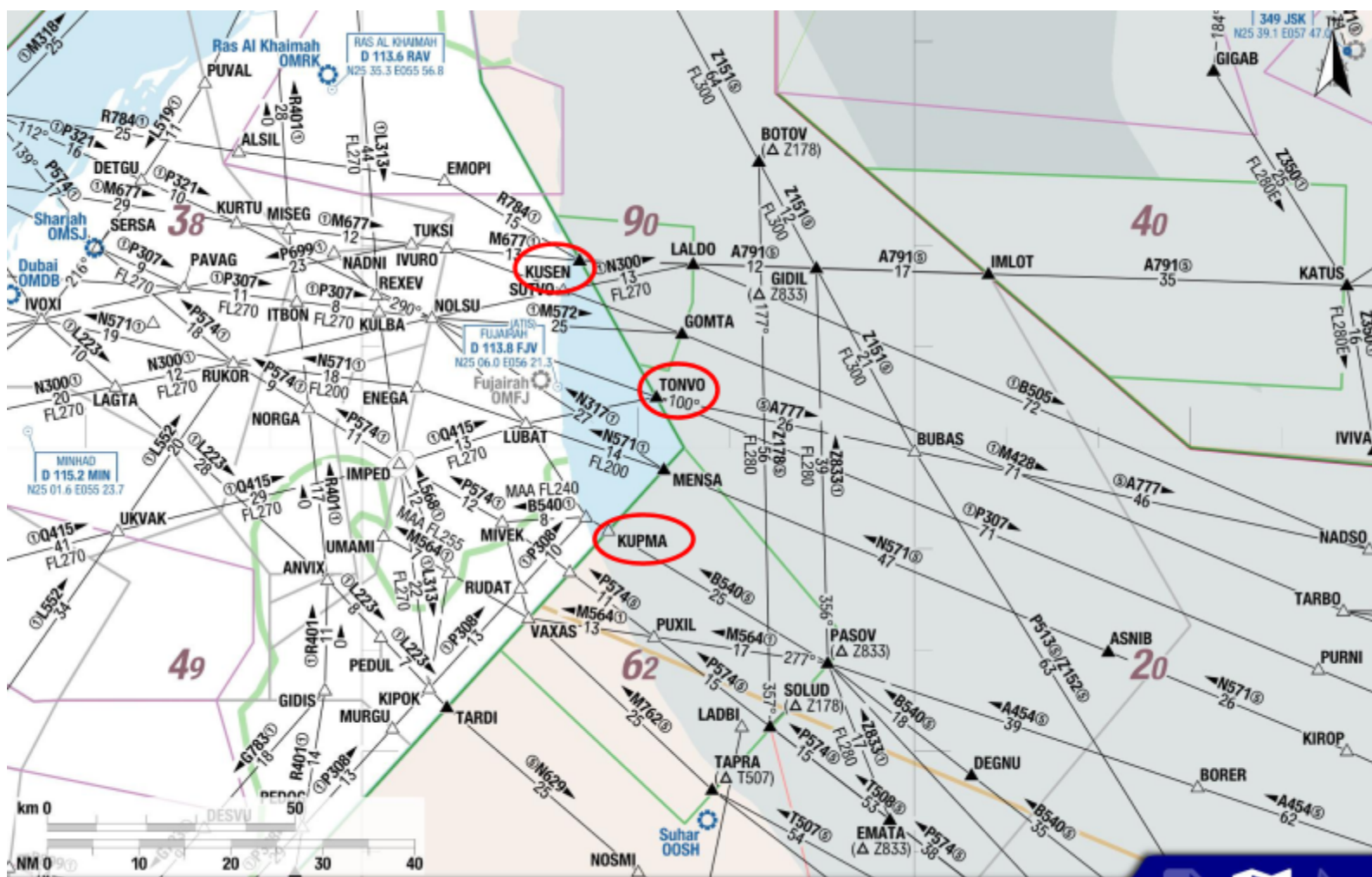
CVN-73 carrier group has been deployed to the Gulf of Oman. The UAE government has approved the use of Ras Al-Khaimah Airport and Al Minhad Airport. Fujairah has been allocated as an alternate aerodrome only. To assist the attack the 696th are prestaged at a group of oil rigs. Omani airspace is only approved to transition to and from the UAE and the CVN-73 carrier group. The Squadrons are based at:

- 494th: CVN-73
- 108th: CVN-73
- 388th: Al Minhad
- 617th: Ras Al-Khaimah
- 176th: Al Minhad
- 696th: Bandar E Jask
- 259th: Bandar E Jask

Currently it is not possible to relocate any squadron.



Airspace Restrictions



Aircraft operating from Al Minhad Airbase must enter and exit the UAE airspace from waypoints KUSEN, TONVO or KUPMA for traffic separation the only exception is incase of emergency.

KUSEN: N 25 18.5 E 056 23.7

TONVO: N 25 05.0 E 056 032.0

KUPMA: N 24 51.8 E 056 26.8

Waypoint MENSA and airway N571 are only for civil air traffic only. DO NOT cross at position MENSA.

Ras Al Khaimah has must enter exit UAE airspace via waypoint PIGGY

PIGGY: N 25 36.8 E 056 12.0



Communications:

Air Traffic Control

Name	Frequency
UAE Center	121.300
Al Minhad ATIS	121.400
Al Minhad Ground	121.100
Al Minhad Tower	121.200
Ras Al Khaimah ATIS	118.100
Ras Al Khaimah Tower	121.700
Fujairah Ground	124.100
Fujairah Tower	124.200

Naval Assets

Name	TACAN	TACAN ID	ICLS	Tower Frequency	ATIS Frequency
CVN-73	73X	WSH	13	280.700	280.600
LHA Tarawa	12X	TWA		38.200	



Tanker Frequencies

Name	Type	TACAN	TACAN ID	Frequency	Code	FL
Shell 1-1	KC-135MPRS	31X	SH1	247.500	LIME 11	20,000ft
Shell 2-1	KC-135MPRS	32X	SH2	240.750	MAROON 7	24,000ft
Shell 3-1	KC-135MPRS	33X	SH3	232.000	BROWN 6	20,000ft
Shell 4-1	KC-135MPRS	34X	SH4	246.250	ORANGE 7	24,000ft
Texaco 1-1	KC-135	11X	TX1	143.000	CORAL 8	15,000ft
Texaco 2-1	KC-135	12X	TX2	120.500	WHITE 9	24,000ft
Texaco 3-1	KC-135	13X	TX3	122.100	GREY 4	15,000ft
Texaco 4-1	KC-135	14X	TX4	131.000	PURPLE 6	24,000ft
Arco-CVN73	S-3B	20X	ARC	241.750	CORAL 6	6000ft

Note: See CombatFlite file for actual position. Arco needs to be activated from the communication F10 menu and will take approximately 10 minutes to be available.

Please look at the NOTAM section of the OPBH website to see the tanker schedule and the combatflite file for tanker locations



AWACS Frequencies

Type	Frequency	Code
Check-In	231.500	GREEN 7
A-G Controller 1	235.250	GREY 6
A-G Controller 2	234.500	PINK 9
A-A Controller 1	248.000	GREY 2
A-A Controller 2	229.000	GREEN 4
Air Request Net	21.000	
CSAR Frequency	233.000	PINK 1
In-Flight Report Net	228.000	ORANGE 10
Alert Frequency	248.750	GREEN 6
Admin Frequency	238.750	AMBER 2
VHF Back-Up	122.250	GRAY 10

Presets

F/A-18C

F/A-18C presets OPBH V1.0							
COMM 1				COMM 2			
1	247.000	GOLD1	Internal	1	121.100		Minhad GRD
2	227.750	OCHRE1	Internal	2	121.200		Minhad TWR
3	246.000	LIME3	Internal	3	121.300		UAE Center
4	226.500	MAROON10	Internal	4	231.500	GREEN 7	AWACS Check-in
5	241.000	MAROON 8	Internal	5	248.000	GREY 2	A-A #1
6	225.500	CORAL 11	Internal	6	229.000	GREEN 4	A-A #2
7	225.750	INDIGO 10	Internal	7	235.250	GREY 6	A-G #1
8	244.250	CHERRY 11	Internal	8	234.500	PINK 9	A-G #2
9	233.750	AQUA 8	Internal	9	122.250	GRAY 10	VHF backup
10	239.250	CHERRY 9	Internal	10	228.000	ORANGE 10	In flight report net
11	247.500	LIME 11	Tanker SHELL 1	11	233.000	PINK 1	CSAR Net
12	240.750	MAROON7	Tanker SHELL 2	12	230.750	LIME 5	Package #1
13	119.250	RED 11	JTAC THUNDER	13	245.500	GOLD 11	Package#2
14	136.750	OCHRE 8	JTAC JACKAL	14	234.250	LEMON 9	Package #3
15	227.500	YELLOW 1	SCAR #1	15	124.100		Fujairah GRD
16	235.000	WHITE 11	SCAR #2	16	124.200		Fujairah TWR
17	238.000	PINK11	SCAR #3	17	280.700		CVN-73 ATC
18	241.750	CORAL 6	Tanker ARCO	18	280.900		CVN-73 LSO
19	248.750	GREEN 6	SCRAMBLE Freq	19	248.750	GREEN 6	SCRAMBLE Freq
20	301.000		Backup	20	121.400		Minhad ATIS



F-16C

F-16C presets OPBH V1.0							
COMM 1 (UHF)				COMM 2 (VHF)			
1			Internal PRI	1			Internal SEC
2	231.500	GREEN 7	AWACS Check-in	2	121.1	GND	Al Minhad GND
3	248.000	GREY 2	A-A #1	3	121.2	TWR	Al Minhad TWR
4	229.000	GREEN 4	A-A #2	4	121.3	APP	UAE Center
5	235.250	GREY 6	A-G #1	5	118.2	TWR	Bandar Abbas TWR
6	234.500	PINK 9	A-G #2	6	122.250	GRAY 10	VHF backup
7	228.000	ORANGE 10	In flight report net	7	119.250	RED 11	JTAC THUNDER
8	233.000	PINK 1	CSAR Net	8	136.750	OCHRE 8	JTAC JACKAL
9	230.750	LIME 5	Package #1	9	143.0		TEXACO tanker
10	245.500	GOLD 11	Package#2	10			
11	234.250	LEMON 9	Package #3	11			
12	227.500	YELLOW 1	SCAR #1	12			
13	235.000	WHITE 11	SCAR #2	13			
14	238.000	PINK11	SCAR #3	14			
15	248.750	GREEN 6	SCRAMBLE Freq	15			
16				16			
17				17	124.2	TWR	Khasab
18				18	126.2	TWR	Al Dahfra TWR
19				19	119.2	TWR	Al Ain TWR
20				20	118.2	TWR	Ras Al Khaimah



F-14B

F-14 presets OPBH V1.0							
COMM 1				COMM 2			
1	247.000	GOLD1	Internal	1	121.100		Minhad GRD
2	227.750	OCHRE1	Internal	2	121.200		Minhad TWR
3	246.000	LIME3	Internal	3	121.300		UAE Center
4	226.500	MAROON10	Internal	4	231.500	GREEN 7	AWACS Check-in
5	241.000	MAROON 8	Internal	5	248.000	GREY 2	A-A #1
6	225.500	CORAL 11	Internal	6	229.000	GREEN 4	A-A #2
7	225.750	INDIGO 10	Internal	7	235.250	GREY 6	A-G #1
8	244.250	CHERRY 11	Internal	8	234.500	PINK 9	A-G #2
9	233.750	AQUA 8	Internal	9	122.250	GRAY 10	VHF backup
10	239.250	CHERRY 9	Internal	10	228.000	ORANGE 10	In flight report net
11	247.500	LIME 11	Tanker SHELL 1	11	233.000	PINK 1	CSAR Net
12	240.750	MAROON7	Tanker SHELL 2	12	230.750	LIME 5	Package #1
13	245.750	INDIGO 5	SPARE	13	245.500	GOLD 11	Package#2
14	225.000	YELLOW 8	SPARE	14	234.250	LEMON 9	Package #3
15	227.500	YELLOW 1	SCAR #1	15	124.100		Fujairah GRD
16	235.000	WHITE 11	SCAR #2	16	124.200		Fujairah TWR
17	238.000	PINK11	SCAR #3	17	280.700		CVN-73 ATC
18	241.750	CORAL 6	Tanker ARCO	18	280.900		CVN-73 LSO
19	248.750	GREEN 6	SCRAMBLE Freq	19	248.750	GREEN 6	SCRAMBLE Freq
20	301.000		Backup	20	121.400		Minhad ATIS
				21	119.25	RED 11	JTAC THUNDER
				22	136.750	OCHRE 8	JTAC JACKAL
				23	260		SPARE
				24	270		SPARE
				25	255		SPARE
				26	259		SPARE
				27	262		SPARE
				28	257		SPARE
				29	253		SPARE
				30	263		SPARE



A-10C

A-10C presets - OPBH v 1.0							
VHF - VICTOR - FORWARD							
	Function	Freq	Name		Function	Freq	Name
1	Internal SEC			11			
2	Al Minhad GND	121.1		12			
3	Al Minhad TWR	121.2		13			
4	UAE Center	121.3		14			
5	Bandar Abbas TWR	118.2		15			
6	VHF backup	122.250		16			
7	JTAC THUNDER	119.250		17	Khashab TWR	124.2	
8	JTAC JACKAL	136.750		18	Al Dahfra TWR	126.2	
9	TEXACO tanker	143.0		19	Al Ain TWR	119.2	
10				20	Ras Al Khaimah TWR	118.2	
UHF - UNIFORM - MID							
	Function	Freq	Name		Function	Freq	Name
1	Internal PRI			11	Package #3	234.250	LEMON 9
2	AWACS Check-in	231.500	GREEN 7	12	SCAR #1	227.500	YELLOW 1
3	A-A #1	248.000	GREY 2	13	SCAR #2	235.000	WHITE 11
4	A-A #2	229.000	GREEN 4	14	SCAR #3	238.000	PINK11
5	A-G #1	235.250	GREY 6	15	SCRAMBLE Freq	248.750	GREEN 6
6	A-G #2	234.500	PINK 9	16			
7	In flight report net	228.000	ORANGE 10	17			
8	CSAR Net	233.000	PINK 1	18			
9	Package #1	230.750	LIME 5	19			
10	Package#2	245.500	GOLD 11	20			
VHF FM - FOX MIKE - AFT							
	Function	Freq	Name		Function	Freq	Name
1	Internal #1	31.50	Cherry 2	11	RW Common	35.6	BLACK 1
2	Internal #2	35.75	Cherry 4	12	RW Internal #1	32.900	BLACK 2
3	Internal #3	36.25	GOLD 5	13	RW Internal #2	48.500	BLACK 3
4	Internal #4	35.50	GOLD 10	14	RW Internal #3	33.800	BLACK 4
5	Internal #5	34.25	LEMON 1	15	RW Internal #4	36.300	BLACK 5
6	Internal #6	33.25	CORAL 2	16	RW Internal #5	37.800	BLACK 7
7	Internal #7	36.00	LEMON 5	17	RW Internal #6	38.200	BLACK 8
8	Internal #8	39.50	MAROON 6	18	WARRIOR	33.50	BROWN 4
9	Internal #9	39.25	MAROON 5	19	SPARTAN	38.50	OCHRE 7
10	Internal #10	36.75	AQUA 11	20	HITMAN	33.75	AQUA 1



Ka-50

KA-50 presets OPBH V1.0			
	Function	Frequency	Name
1	RW Common	35.6	Black 1
2	RW internal #1	32.900	BLACK 2
3	RW internal #2	48.500	BLACK 3
4	RW internal #3	33.800	BLACK 4
5	RW internal #4	36.300	BLACK 5
6	RW internal #5	37.800	BLACK 7
7	RW internal #6	38.200	BLACK 8
8	Thunder backup	33.50	BROWN 4
9	Jackal backup	38.50	OCHRE 7
10	Hitman backup	33.75	AQUA 1



Mi-8

MI-8 presets OPBH V1.0							
R-863 (Victor/Uniform)							
P	Function	Freq	Name	P	Function	Freq	Name
1	FARP LONDON	230.5		11	SCAR#2	235.000	WHITE 11
2	Fujaira TWR	124.2		12	THUNDER	119.250	RED 11
3	Fujaira GND	124.1		13	JACKAL	136.750	OCHRE 8
4	AWACS CHECK-IN	231.500	GREEN 7	14	HITMAN	127.750	PURPLE 11
5	AWACS A-G #1	235.250	GREY 6	15	Al Minhad TWR	121.2	
6	AWACS A-G #2	234.500	PINK 9	16	Al Minad GND	121.1	
7	In flight Report net	228.000	ORANGE 10	17	AWACS BACKUP	122.250	GRAY 10
8	SCRAMBLE	248.750	GREEN 6	18	Package #1	230.750	LIME 5
9	CSAR	233.000	PINK 1	19	Package #2	245.500	GOLD 11
10	SCAR#1	227.500	YELLOW 1	20	GUARD	243.0	

R-828 (FoxMike)			
P	Function	Freq	Name
1	RW Common	35.6	Black 1
2	RW internal #1	32.900	BLACK 2
3	RW internal #2	48.500	BLACK 3
4	RW internal #3	33.800	BLACK 4
5	RW internal #4	36.300	BLACK 5
6	RW internal #5	37.800	BLACK 7
7	RW internal #6	38.200	BLACK 8
8	Thunder backup	33.50	BROWN 4
9	Jackal backup	38.50	OCHRE 7
10	Hitman backup	33.75	AQUA 1

YADRO-1A HF (Short Wave)			
P	Function	Freq	Name
1	Internal 1	02.0550	TEAL 1
2	Internal 2	04.1100	TEAL 2
3	Internal 3	06.2550	TEAL 3
4	Internal 4	08.3750	TEAL 4
5	Internal 5	10.2450	TEAL 5
6	Internal 6	11.3750	TEAL 6
7	Internal 7	13.5670	TEAL 7
8	Internal 8	14.0720	TEAL 8
9	Internal 9	16.8050	TEAL 9
10	Internal 10	17.9950	TEAL 10



AET-100 & RAMROD

AET-100																										Version 1.1
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
A	K	W	G	D	I	O	M	B	H	U	X	L	Z	E	A	J	F	R	N	V	S	T	C	Q	Y	P
B	J	A	R	N	B	E	G	C	O	Y	V	H	P	L	K	M	D	T	Z	Q	I	S	W	U	F	X
C	W	I	D	A	H	Z	E	K	L	M	R	F	N	J	U	O	V	G	X	S	T	C	Y	B	P	Q
D	B	A	T	F	D	J	I	G	Z	E	W	S	K	H	X	O	N	Y	P	R	L	U	M	Q	C	V
E	S	D	Z	J	X	P	B	E	M	Y	H	U	A	W	L	K	F	R	Q	C	G	T	N	V	I	O
F	L	I	A	W	F	D	E	H	K	Z	M	J	O	G	R	T	U	Q	V	N	X	P	S	Y	B	C
	0		1		2		3		4		5		6		7		8		9							
G	B	Y	T	C	S	Z	H	K	G	X	N	I	R	F	V	D	J	W	L	A	M	P	E	O	Q	U
H	H	F	B	Z	S	D	C	I	A	G	Y	K	R	L	P	U	M	V	N	Q	J	X	T	E	W	O
I	S	Z	M	D	O	C	G	H	F	I	P	T	N	K	R	J	A	W	V	E	Q	L	Y	U	X	B
J	R	E	L	Q	A	Z	K	I	T	H	F	O	X	G	W	D	Y	U	C	N	V	S	P	M	B	J
K	R	C	K	I	L	H	Q	T	U	S	Y	J	F	V	B	W	X	N	G	M	Z	P	E	O	D	A
L	Z	B	S	H	C	D	G	F	I	K	A	L	R	J	M	P	N	V	Q	Y	T	W	U	X	O	E
	0		1		2		3		4		5		6		7		8		9							
M	E	O	X	U	W	T	Y	Q	V	N	P	M	J	R	L	A	K	I	F	G	D	C	H	S	B	Z
N	I	F	G	D	C	H	S	B	Z	E	O	X	U	W	T	Y	Q	V	N	P	M	J	R	L	A	K
O	P	M	N	E	C	K	I	S	G	O	D	W	A	Y	Z	H	F	B	J	T	V	R	Q	X	U	L
P	N	V	Q	Y	T	W	U	X	O	E	Z	B	S	H	A	P	M	J	R	L	K	I	F	D	C	G
Q	G	D	F	C	I	H	K	S	A	B	L	Z	R	J	E	O	X	U	W	T	Y	Q	V	N	P	M
R	M	P	J	N	R	V	Z	Q	L	Y	B	T	S	W	H	U	A	K	X	C	O	G	D	E	F	I
	0		1		2		3		4		5		6		7		8		9							
S	B	H	D	F	E	X	W	Y	V	P	J	R	A	I	G	C	S	Z	O	U	T	Q	N	M	L	K
T	D	F	K	L	J	P	V	Y	W	X	E	Z	S	C	G	I	A	R	M	N	Q	T	U	O	B	H
U	M	P	N	D	Z	B	S	H	C	V	Q	Y	G	K	R	J	W	U	X	F	E	L	O	T	I	A
V	I	K	A	M	P	N	V	Q	L	R	J	Y	T	W	U	X	O	E	Z	B	S	H	C	D	G	F
W	D	G	F	I	W	B	Z	V	K	A	L	S	H	C	R	J	M	P	Q	Y	T	O	E	U	X	N
X	A	L	R	J	M	F	Z	B	S	Q	C	D	I	K	G	H	W	U	P	N	V	E	Y	T	O	X
Y	T	M	P	N	B	S	H	C	W	U	X	K	I	A	L	R	J	O	E	Z	V	Q	Y	D	G	F
	0		1		2		3		4		5		6		7		8		9							
CONFIDENTIAL																										

Even Days RAMROD = LIGHTSABER

Odd Days RAMROD = BINOCULARS



Code Words

MEANING	CODEWORD
ON STATION	THRAWN
OFF STATION	CRYSTAL
RTB	FORCE
MISSION CANCEL	ROBES
MISSION SUCCESSFUL	STAR
MISSION UNSUCCESSFUL	KNIGHT
ATTACK SUCCESSFUL	FALCON
ATTACK UNSUCCESSFUL	MASTER
LAST OFF TARGET	PADAWAN
REATTACK	DEATH
PUSHING	DESTROYER
ROLEX	JAR JAR
REQUEST ROLEX	CARBONITE
WOUNDED BIRD	STORMTROOPER
FEET WET	DROID
FEET DRY	LIGHTNING



Appendix

[Ground Force Unit Structure](#)

[Flight Information Publication](#)

