



Electronic Attack/GPS EA Process

**USN/USMC
Spectrum Management
Conference
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Outline



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Governing Documents



- **CJCSM 3212.02B (15 October 2003):**
 - Standard Jamming and Chaff
 - Currently under revision
 - Enclosure D being revised for C-IED

- **CJCSM 3212.03 (15 December 2008):**
 - GPS EA
 - Supersedes Enclosure D of CJCSM 3212.02B



EA Request Types and Requirements



- **EA Jamming and Chaff**
 - Request
- **Global Positioning System EA**
 - Request (Classified IAW GPS classification guide)
 - GIANT-RPM Modeling Plots
 - PDF Analysis reports
 - Deconfliction sheet (if test geographically conflicts)
- **Counter Improvised Explosive Device**
 - Request
 - Builder analysis files



EA Request Procedures



- **Navy EA Procedures:**
 - User submits request package to their regional NMCSO

- **NMCSO reviews request for:**
 - Request package completeness
 - Classification
 - Pre-coordination with local spectrum users (i.e. AFCs and FAA)
 - Request is IAW CJCSM 3212.02B or CJCSM 3212.03



EA Request Procedures (cont)



- **NMSC submits package for coordination:**
 - Ensure analysis files are delivered to JSC for QC
 - Coordinate requests with Joint Staff, FAA, and FCC
 - Central point for National level coordination of all Department of the Navy EA requests

- **Lead Times:**
 - 60 days for EA and Chaff
 - 60 days for GPS EA, plus 5 days for review prior to submittal



Common Errors



- DSN phone numbers or no cease buzzer numbers (must have commercial numbers)
- “Last minute” GPS package submission
- Incomplete packages
- Deconfliction does not match request
- Deconfliction lists non-geographically conflicting tests
- Local vs. Zulu times
- Plots do not match request



Deconfliction sheet error

	A	B	C	D	E	F	G	H	I	J	K	L	M
1	UNCLASSIFIED/FOUO												
2	All times ARE in Zulu												
3	Day	Date											
4				CHLK 10-0002				NSAWC 2010-0001 (Pending)			UTTR GPS 10-01 (Pending)		
5	Thursday	1-Apr-10		0001-0100	1400-1800	2000-2359							
6	Friday	2-Apr-10		0001-0100	1400-1800	2000-2359							
7	Saturday	3-Apr-10		0001-0100									
8	Sunday	4-Apr-10											
9	Monday	5-Apr-10			1400-1800	2000-2359							
10	Tuesday	6-Apr-10		0001-0100		2000-2359		0530-1030Z	1430-2000Z				
11	Wednesday	7-Apr-10		0001-0100		2000-2359			1430-2000Z				
12	Thursday	8-Apr-10		0001-0100		2000-2359		0530-1030Z	1430-2000Z				
13	Friday	9-Apr-10		0001-0100		2000-2359		0530-0930Z	1400-1930Z				
14	Saturday	10-Apr-10		0001-0100									
15	Sunday	11-Apr-10											
16	Monday	12-Apr-10			1400-1800	2000-2359							
17	Tuesday	13-Apr-10		0001-0100	1400-1800	2000-2359		0230-0730Z					
18	Wednesday	14-Apr-10		0001-0100	1430-2400Z			0230-0730Z	1430-2400Z			1400-2000	
19	Thursday	15-Apr-10			1400-1800	2000-2359		0001-0700				1400-2000	
20	Friday	16-Apr-10		0001-0100	1400-1800	2000-2359							
21	Saturday	17-Apr-10		0001-0100									
22	Sunday	18-Apr-10											
23	Monday	19-Apr-10			1400-1800	2000-2359							
24	Tuesday	20-Apr-10		0001-0100	1400-1800	2000-2359							



Trends



- **FAA is taking a hard-line approach to EA**
 - 2009 approval isn't automatic for 2010
 - Phoenix and DC GPS exclusion areas
- **CREW as training devices vs. surrogates**
 - Under review
- **Due to a better understanding of the EA process
FCC has been more flexible with use of their bands**



EA Authorizations



	<u>2008</u>	<u>2009</u>	<u>Pending for 2010</u>
EA	26	15	13
IED	7	7	1
GPS	20	11	3





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QUESTIONS ?