

UNCLASSIFIED

Department of Defense
Agency: Department of the Navy (DoN), US Navy and US Marine Corps
Transition Plan for the 1755-1780 MHz Band

Primary Point of Contact: Ms. Dru Pontius
Office: Navy Marine Corps Spectrum Center
Telephone Number: 301-225-3843
E-mail: dru.l.pontius@navy.mil

Alternate Point of Contact: Mr. Tom Downie
Office: Director, Navy Marine Corps Spectrum Center
Telephone Number: 301-225-3832
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Certification regarding Classified and Sensitive Information:

I, [Name of Responsible Authority], certify that this transition plan, is cleared for release to the public and contains no classified or sensitive information. A separate version containing a complete transition plan including all sensitive data is provided under separate cover via authorized channels.

Name:
Title:
Organization:

06-25-2014
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For Open Publication

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Department of Defense
OFFICE OF PREPUBLICATION AND SECURITY REVIEW

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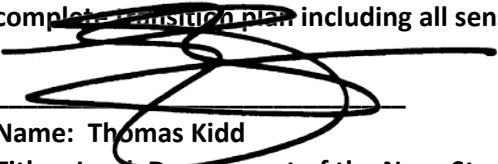
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Name: Thomas Kidd
Title: Lead, Department of the Navy Strategic Spectrum
Organization: Office of the Department of the Navy Chief Information Officer

1	This Transition Plan includes pre-auction planning costs, as defined in Section O.2 of Annex O:		
	a. Total pre-auction planning costs:	\$4.174	
	b. The subtotal amount, if any, of pre-auction planning costs requested for pre-auction transfer:	\$4.174	
	c. The subtotal amount, if any, of pre-auction planning costs incurred after June 28, 2010, but before February 22, 2012:	\$1.941	
	d. This organization attests that:		
	[1] To the fullest extent possible, this transition plan provides for sharing and coordination of eligible frequencies with non-federal users, including reasonable accommodation for the use of eligible frequencies by non-federal users during the transition period.	Yes	
	[2] This transition plan provides for non-federal users to be able to use eligible frequencies during the transition period in geographic areas where this organization does not use such frequencies.	Yes	
	[3] During the transition period, this organization will make itself available for negotiation and discussion with non-federal users not later than 30 days after a written request.	Yes	
	[4] During the transition period, this organization will make available to a non-federal user with appropriate security clearances any classified information regarding the relocation process, on a need-to-know basis.	Yes	
	[5] (Only applicable if the amount in 1b above is greater than \$0.00.) Funds transferred before an auction likely allow for timely implementation of relocation or sharing, thereby increasing net expected auction proceeds by an amount not less than the time value of the amount of funds transferred.	Yes	
2	There is additional information required to be included in the Transition Plan that is not included in this document because it is classified information, as defined in Section O.7 of Annex O.	Yes	
3	There is additional information required to be included in the Transition Plan that is not included in this document because it is sensitive information, as defined in Section O.7 of Annex O.	Yes	
4	This Transition Plan includes both sensitive and unclassified information and comprises a full version of the Transition Plan for this agency. The only information that has been excluded are those elements that are classified. (Note: A version of this plan that contains only publicly releasable information is provided separately.)	No	
5	a. Name of Responsible Officer:	Ms. Dru Pontius	
	b. (Optional) Office:	Navy Marine Corps Spectrum Center	
	c. (Optional) Telephone Number:	301-225-3843	
	d. (Optional) E-mail:	dru.l.pontius@navy.mil	
6	Total Transition Plan Cost (\$M):	\$1,396.962	

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 Tab C: Abstract

Serial Number	Center Freq./ Lower Band Limit (MHz)	Upper Band Limit (MHz) (if appl)	Emission Bandwidth (20 dB) (MHz)	Rx IF Bandwidth (3 dB) (MHz)	Bureau	System Use	System Name	Releasable System Name	Authorized Area of Operation	TX State	TX Latitude	TX Longitude	RX State	RX Latitude	RX Longitude	Sharing/ Relocation (SEE TAB I)	Alternate Frequency Assignment	Transition Timeline (Months)
N 065621	****		****	****	USN	UAS	****	DON UAS 1-4	****	CA	****	****	CA	****	****	Vacate with temp	****	48
N 065622	****		****	****	USN	UAS	****	DON UAS 1-4	****	CA	****	****	CA	****	****	Vacate with temp	****	48
N 114003	****		****	****	USN	UAS	****	DON UAS 3	****	SC	****	****	SC	****	****	Vacate with temp	****	48
N 138070	****		****	****	USN	UAS	****	DON UAS 1-4	****	OR	****	****	OR	****	****	Vacate with temp	****	48
N 133790	****		****	****	USN	UAS	****	DON UAS 3	****	VA	****	****	VA	****	****	Vacate with temp	****	48
MC 115319	****		****	****	USMC	UAS	****	DON UAS 3	****	CA	****	****	CA	****	****	Vacate with temp	****	48
MC 115335	****		****	****	USMC	UAS	****	DON UAS 3	****	CA	****	****	CA	****	****	Vacate with temp	****	48
MC 115336	****		****	****	USMC	UAS	****	DON UAS 3	****	CA	****	****	CA	****	****	Vacate with temp	****	48
MC 135302	****		****	****	USMC	UAS	****	DON UAS 4	****	CA	****	****	CA	****	****	Vacate with temp	****	48
MC 134519	****		****	****	USMC	UAS	****	DON UAS 4	****	CA	****	****	CA	****	****	Vacate with temp	****	48
MC 135216	****		****	****	USMC	UAS	****	DON UAS 4	****	AZ	****	****	AZ	****	****	Vacate with temp	****	48
MC 135224	****		****	****	USMC	UAS	****	DON UAS 4	****	CA	****	****	CA	****	****	Vacate with temp	****	48
MC 135225	****		****	****	USMC	UAS	****	DON UAS 4	****	CA	****	****	CA	****	****	Vacate with temp	****	48
MC 135303	****		****	****	USMC	UAS	****	DON UAS 4	****	CA	****	****	CA	****	****	Vacate with temp	****	48
MC 134520	****		****	****	USMC	UAS	****	DON UAS 4	****	CA	****	****	CA	****	****	Vacate with temp	****	48
MC 135217	****		****	****	USMC	UAS	****	DON UAS 4	****	AZ	****	****	AZ	****	****	Vacate with temp	****	48
MC 075673	****		****	****	USMC	UAS	****	DON UAS 3	****	CA	****	****	CA	****	****	Vacate with Temp	****	48
MC 085345	****		****	****	USMC	UAS	****	DON UAS 3	****	CA	****	****	CA	****	****	Vacate with Temp	****	48
N 075692	****		****	****	USN	Other	****	DoN Other 1-5	****	CA	****	****	CA	****	****	Vacate with temp	****	87
N 075693	****		****	****	USN	Other	****	DoN Other 1-5	****	CA	****	****	CA	****	****	Vacate with temp	****	87
N 124502	****		****	****	USN	Other	****	DoN Other 1-5	****	MD	****	****	MD	****	****	Vacate with temp	****	87
N 124503	****		****	****	USN	Other	****	DoN Other 1-5	****	MD	****	****	MD	****	****	Vacate with temp	****	87
N 134566	****		****	****	USN	Other	****	DoN Other 1-5	****	VA	****	****	VA	****	****	Vacate with temp	****	51
N 134567	****		****	****	USN	Other	****	DoN Other 1-5	****	VA	****	****	VA	****	****	Vacate with temp	****	51
N 134580	****		****	****	USN	Other	****	DoN Other 1-5	****	LANT	****	****	LANT	****	****	Vacate with temp	****	51

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Serial Number	Center Freq./ Lower Band Limit (MHz)	Upper Band Limit (MHz) (if appl)	Emission Bandwidth (20 dB) (MHz)	Rx IF Bandwidth (3 dB) (MHz)	Bureau	System Use	System Name	Releasable System Name	Authorized Area of Operation	TX State	TX Latitude	TX Longitude	RX State	RX Latitude	RX Longitude	Sharing/ Relocation (SEE TAB I)	Alternate Frequency Assignment	Transition Timeline (Months)
N 134581	****		****	****	USN	Other	****	DoN Other 1-5	****	LANT	****	****	LANT	****	****	Vacate with temp	****	51
N 036003	****		****	****	USN	PGM	****	DoN PGM	****	CA	****	****	CA	****	****	Vacate with temp	****	48
N 036004	****		****	****	USN	PGM	****	DoN PGM	****	CA	****	****	CA	****	****	Vacate with temp	****	48
N 044843	****		****	****	USN	PGM	****	DoN PGM	****	MO	****	****	MO	****	****	Vacate with temp	****	48
N 044844	****		****	****	USN	PGM	****	DoN PGM	****	MO	****	****	MO	****	****	Vacate with temp	****	48
N 044880	****		****	****	USN	PGM	****	DoN PGM	****	MO	****	****	MO	****	****	Vacate with temp	****	48
N 044881	****		****	****	USN	PGM	****	DoN PGM	****	MO	****	****	MO	****	****	Vacate with temp	****	48
N 088081	****		****	****	USN	PGM	****	DoN PGM	****	NV	****	****	NV	****	****	Vacate with temp	****	48
N 088085	****		****	****	USN	PGM	****	DoN PGM	****	NV	****	****	NV	****	****	Vacate with temp	****	48
N 095421	****		****	****	USN	PGM	****	DoN PGM	****	SC	****	****	SC	****	****	Vacate with temp	****	48
N 095427	****		****	****	USN	PGM	****	DoN PGM	****	NC	****	****	NC	****	****	Vacate with temp	****	48
N 099937	****		****	****	USN	PGM	****	DoN PGM	****	WA	****	****	WA	****	****	Vacate with temp	****	48
N 099938	****		****	****	USN	PGM	****	DoN PGM	****	WA	****	****	WA	****	****	Vacate with temp	****	48
N 947215	****		****	****	USN	PGM	****	DoN PGM	****	NC	****	****	NC	****	****	Vacate with temp	****	48
N 947225	****		****	****	USN	PGM	****	DoN PGM	****	SC	****	****	SC	****	****	Vacate with temp	****	48
N 948077	****		****	****	USN	PGM	****	DoN PGM	****	CA	****	****	CA	****	****	Vacate with temp	****	48
N 948097	****		****	****	USN	PGM	****	DoN PGM	****	CA	****	****	CA	****	****	Vacate with temp	****	48
N 797220	****		****	****	USN	Telemetry	****	DoN Telemetry 1-5	****	CA Air	****	****	CA	****	****	Vacate with temp	****	91
N 018356	****		****	****	USN	Telemetry	****	DoN Telemetry 1-5	****	CA Air	****	****	CA	****	****	Vacate with temp	****	91
N 018357	****		****	****	USN	Telemetry	****	DoN Telemetry 1-5	****	CA Air	****	****	CA	****	****	Vacate with temp	****	91
N 018358	****		****	****	USN	Telemetry	****	DoN Telemetry 1-5	****	CA Air	****	****	CA	****	****	Vacate with temp	****	91
N 018359	****		****	****	USN	Telemetry	****	DoN Telemetry 1-5	****	CA Air	****	****	CA	****	****	Vacate with temp	****	91
N 018360	****		****	****	USN	Telemetry	****	DoN Telemetry 1-5	****	CA Air	****	****	CA	****	****	Vacate with temp	****	91
N 018361	****		****	****	USN	Telemetry	****	DoN Telemetry 1-5	****	CA Air	****	****	CA	****	****	Vacate with temp	****	91
N 018362	****		****	****	USN	Telemetry	****	DoN Telemetry 1-5	****	CA Air	****	****	CA	****	****	Vacate with temp	****	91

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Serial Number	Center Freq./ Lower Band Limit (MHz)	Upper Band Limit (MHz) (if appl)	Emission Bandwidth (20 dB) (MHz)	Rx IF Bandwidth (3 dB) (MHz)	Bureau	System Use	System Name	Releasable System Name	Authorized Area of Operation	TX State	TX Latitude	TX Longitude	RX State	RX Latitude	RX Longitude	Sharing/ Relocation (SEE TAB I)	Alternate Frequency Assignment	Transition Timeline (Months)
N 018363	****		****	****	USN	Telemetry	****	DoN Telemetry 1-5	****	CA Air	****	****	CA	****	****	Vacate with temp	****	91
N 018364	****		****	****	USN	Telemetry	****	DoN Telemetry 1-5	****	CA Air	****	****	CA	****	****	Vacate with temp	****	91
N 018365	****		****	****	USN	Telemetry	****	DoN Telemetry 1-5	****	CA Air	****	****	CA	****	****	Vacate with temp	****	91
N 018366	****		****	****	USN	Telemetry	****	DoN Telemetry 1-5	****	CA Air	****	****	CA	****	****	Vacate with temp	****	91
N 028686	****		****	****	USN	Telemetry	****	DoN Telemetry 1-5	****	CA Air	****	****	CA	****	****	Vacate with temp	****	88
N 028687	****		****	****	USN	Telemetry	****	DoN Telemetry 1-5	****	CA Air	****	****	CA	****	****	Vacate with temp	****	88
N 028688	****		****	****	USN	Telemetry	****	DoN Telemetry 1-5	****	CA Air	****	****	CA	****	****	Vacate with temp	****	88
N 028689	****		****	****	USN	Telemetry	****	DoN Telemetry 1-5	****	CA Air	****	****	CA	****	****	Vacate with temp	****	88
N 028690	****		****	****	USN	Telemetry	****	DoN Telemetry 1-5	****	CA Air	****	****	CA	****	****	Vacate with temp	****	88
N 028691	****		****	****	USN	Telemetry	****	DoN Telemetry 1-5	****	CA Air	****	****	CA	****	****	Vacate with temp	****	88
N 028692	****		****	****	USN	Telemetry	****	DoN Telemetry 1-5	****	CA Air	****	****	CA	****	****	Vacate with temp	****	88
N 028693	****		****	****	USN	Telemetry	****	DoN Telemetry 1-5	****	CA Air	****	****	CA	****	****	Vacate with temp	****	88
N 028694	****		****	****	USN	Telemetry	****	DoN Telemetry 1-5	****	CA Air	****	****	CA	****	****	Vacate with temp	****	88
N 028695	****		****	****	USN	Telemetry	****	DoN Telemetry 1-5	****	CA Air	****	****	CA	****	****	Vacate with temp	****	88
N 028696	****		****	****	USN	Telemetry	****	DoN Telemetry 1-5	****	CA Air	****	****	CA	****	****	Vacate with temp	****	88
N 028697	****		****	****	USN	Telemetry	****	DoN Telemetry 1-5	****	CA Air	****	****	CA	****	****	Vacate with temp	****	88
N 028698	****		****	****	USN	Telemetry	****	DoN Telemetry 1-5	****	CA Air	****	****	CA	****	****	Vacate with temp	****	88
N 028699	****		****	****	USN	Telemetry	****	DoN Telemetry 1-5	****	CA Air	****	****	CA	****	****	Vacate with temp	****	88
N 028700	****		****	****	USN	Telemetry	****	DoN Telemetry 1-5	****	CA Air	****	****	CA	****	****	Vacate with temp	****	88
N 028701	****		****	****	USN	Telemetry	****	DoN Telemetry 1-5	****	CA Air	****	****	CA	****	****	Vacate with temp	****	88
N 028702	****		****	****	USN	Telemetry	****	DoN Telemetry 1-5	****	CA Air	****	****	CA	****	****	Vacate with temp	****	88
N 028703	****		****	****	USN	Telemetry	****	DoN Telemetry 1-5	****	CA Air	****	****	CA	****	****	Vacate with temp	****	88
N 028704	****		****	****	USN	Telemetry	****	DoN Telemetry 1-5	****	CA Air	****	****	CA	****	****	Vacate with temp	****	88
N 028705	****		****	****	USN	Telemetry	****	DoN Telemetry 1-5	****	CA Air	****	****	CA	****	****	Vacate with temp	****	88
N 028706	****		****	****	USN	Telemetry	****	DoN Telemetry 1-5	****	CA Air	****	****	CA	****	****	Vacate with temp	****	88

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N 028707	****		****	****	USN	Telemetry	****	DoN Telemetry 1-5	****	CA Air	****	****	CA	****	****	Vacate with temp	****	88
N 028708	****		****	****	USN	Telemetry	****	DoN Telemetry 1-5	****	CA Air	****	****	CA	****	****	Vacate with Temp	****	88
N 028709	****		****	****	USN	Telemetry	****	DoN Telemetry 1-5	****	CA Air	****	****	CA	****	****	Vacate with Temp	****	88
N 028710	****		****	****	USN	Telemetry	****	DoN Telemetry 1-5	****	CA Air	****	****	CA	****	****	Vacate with temp	****	88
N 036580	****		****	****	USN	Telemetry	****	DoN Telemetry 1-5	****	CA Air	****	****	CA	****	****	Vacate with temp	****	91
N 087939	****		****	****	USN	Telemetry	****	DoN Telemetry 1-5	****	CA Air	****	****	CA	****	****	Vacate with temp	****	88
N 087940	****		****	****	USN	Telemetry	****	DoN Telemetry 1-5	****	CA Air	****	****	CA	****	****	Vacate with temp	****	88
N 087941	****		****	****	USN	Telemetry	****	DoN Telemetry 1-5	****	CA Air	****	****	CA	****	****	Vacate with temp	****	88
N 087942	****		****	****	USN	Telemetry	****	DoN Telemetry 1-5	****	CA Air	****	****	CA	****	****	Vacate with temp	****	88
N 087943	****		****	****	USN	Telemetry	****	DoN Telemetry 1-5	****	CA Air	****	****	CA	****	****	Vacate with temp	****	88
N 136937	****		****	****	USN	Telemetry	****	DoN Telemetry 1-5	****	CA Air	****	****	CA	****	****	Vacate with temp	****	91
N 136938	****		****	****	USN	Telemetry	****	DoN Telemetry 1-5	****	CA Air	****	****	CA	****	****	Vacate with temp	****	91
N 136939	****		****	****	USN	Telemetry	****	DoN Telemetry 1-5	****	CA Air	****	****	CA	****	****	Vacate with temp	****	91
N 136940	****		****	****	USN	Telemetry	****	DoN Telemetry 1-5	****	CA Air	****	****	CA	****	****	Vacate with temp	****	91
N 136941	****		****	****	USN	Telemetry	****	DoN Telemetry 1-5	****	CA Air	****	****	CA	****	****	Vacate with temp	****	91
N 136942	****		****	****	USN	Telemetry	****	DoN Telemetry 1-5	****	CA Air	****	****	CA	****	****	Vacate with temp	****	91
N 136943	****		****	****	USN	Telemetry	****	DoN Telemetry 1-5	****	CA Air	****	****	CA	****	****	Vacate with temp	****	91
N 136944	****		****	****	USN	Telemetry	****	DoN Telemetry 1-5	****	CA Air	****	****	CA	****	****	Vacate with temp	****	91
N 136945	****		****	****	USN	Telemetry	****	DoN Telemetry 1-5	****	CA Air	****	****	CA	****	****	Vacate with temp	****	91
N 136946	****		****	****	USN	Telemetry	****	DoN Telemetry 1-5	****	CA Air	****	****	CA	****	****	Vacate with temp	****	91
N 136947	****		****	****	USN	Telemetry	****	DoN Telemetry 1-5	****	CA Air	****	****	CA	****	****	Vacate with temp	****	91
N 136948	****		****	****	USN	Telemetry	****	DoN Telemetry 1-5	****	CA Air	****	****	CA	****	****	Vacate with temp	****	91
N 136949	****		****	****	USN	Telemetry	****	DoN Telemetry 1-5	****	CA Air	****	****	CA	****	****	Vacate with Temp	****	91
N 136950	****		****	****	USN	Telemetry	****	DoN Telemetry 1-5	****	CA Air	****	****	CA	****	****	Vacate with Temp	****	91
N 136951	****		****	****	USN	Telemetry	****	DoN Telemetry 1-5	****	CA Air	****	****	CA	****	****	Vacate with temp	****	91

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N 136952	****		****	****	USN	Telemetry	****	DoN Telemetry 1-5	****	CA Air	****	****	CA	****	****	Vacate with temp	****	91
N 136953	****		****	****	USN	Telemetry	****	DoN Telemetry 1-5	****	CA Air	****	****	CA	****	****	Vacate with temp	****	91
N 136954	****		****	****	USN	Telemetry	****	DoN Telemetry 1-5	****	CA Air	****	****	CA	****	****	Vacate with temp	****	91
N 136955	****		****	****	USN	Telemetry	****	DoN Telemetry 1-5	****	CA Air	****	****	CA	****	****	Vacate with temp	****	91
N 136956	****		****	****	USN	Telemetry	****	DoN Telemetry 1-5	****	CA Air	****	****	CA	****	****	Vacate with temp	****	91
N 136957	****		****	****	USN	Telemetry	****	DoN Telemetry 1-5	****	CA Air	****	****	CA	****	****	Vacate with temp	****	91
N 085063	****		****	****	USN	Telemetry	****	DoN Telemetry 1-5	****	MD Air	****	****	MD	****	****	Vacate with temp	****	105
N 085064	****		****	****	USN	Telemetry	****	DoN Telemetry 1-5	****	MD Air	****	****	MD	****	****	Vacate with temp	****	105
N 085065	****		****	****	USN	Telemetry	****	DoN Telemetry 1-5	****	MD Air	****	****	MD	****	****	Vacate with temp	****	105
N 085066	****		****	****	USN	Telemetry	****	DoN Telemetry 1-5	****	MD Air	****	****	MD	****	****	Vacate with temp	****	105
N 883073	****		****	****	USN	Telemetry	****	DoN Telemetry 1-5	****	MD Air	****	****	MD	****	****	Vacate with temp	****	105
N 063225	****		****	****	USN	Telemetry	****	DoN Telemetry 1-5	****	MD Air	****	****	MD	****	****	Vacate with temp	****	105
N 083981	****		****	****	USN	ACTS	****	DoN ACTS	****	MD Air	****	****	MD	****	****	Vacate with temp	****	63
N 085073	****		****	****	USN	Telemetry	****	DoN Telemetry 1-5	****	MD Air	****	****	MD	****	****	Vacate with temp	****	105
N 085074	****		****	****	USN	Telemetry	****	DoN Telemetry 1-5	****	MD Air	****	****	MD	****	****	Vacate with temp	****	105
N 085075	****		****	****	USN	Telemetry	****	DoN Telemetry 1-5	****	MD Air	****	****	MD	****	****	Vacate with temp	****	105
N 085076	****		****	****	USN	Telemetry	****	DoN Telemetry 1-5	****	MD Air	****	****	MD	****	****	Vacate with temp	****	105
N 085077	****		****	****	USN	Telemetry	****	DoN Telemetry 1-5	****	MD Air	****	****	MD	****	****	Vacate with temp	****	105
N 085078	****		****	****	USN	Telemetry	****	DoN Telemetry 1-5	****	MD Air	****	****	MD	****	****	Vacate with temp	****	105
N 842898	****		****	****	USN	Telemetry	****	DoN Telemetry 1-5	****	MD Air	****	****	MD Air	****	****	Vacate with Temp	****	105
N 085079	****		****	****	USN	Telemetry	****	DoN Telemetry 1-5	****	MD Air	****	****	MD	****	****	Vacate with Temp	****	105
N 085080	****		****	****	USN	Telemetry	****	DoN Telemetry 1-5	****	MD Air	****	****	MD	****	****	Vacate with temp	****	105
N 085081	****		****	****	USN	Telemetry	****	DoN Telemetry 1-5	****	MD Air	****	****	MD	****	****	Vacate with temp	****	105
N 085082	****		****	****	USN	Telemetry	****	DoN Telemetry 1-5	****	MD Air	****	****	MD	****	****	Vacate with temp	****	105
N 085083	****		****	****	USN	Telemetry	****	DoN Telemetry 1-5	****	MD Air	****	****	MD	****	****	Vacate with temp	****	105

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Serial Number	Center Freq./ Lower Band Limit (MHz)	Upper Band Limit (MHz) (if appl)	Emission Bandwidth (20 dB) (MHz)	Rx IF Bandwidth (3 dB) (MHz)	Bureau	System Use	System Name	Releasable System Name	Authorized Area of Operation	TX State	TX Latitude	TX Longitude	RX State	RX Latitude	RX Longitude	Sharing/ Relocation (SEE TAB I)	Alternate Frequency Assignment	Transition Timeline (Months)
N 085084	****		****	****	USN	Telemetry	****	DoN Telemetry 1-5	****	MD Air	****	****	MD	****	****	Vacate with temp	****	105
N 124403	****		****	****	USN	Video	****	DoN Telemetry 1-5	****	MD Air	****	****	MD Air	****	****	Vacate with temp	****	12
N 063226	****		****	****	USN	Telemetry	****	DoN Telemetry 1-5	****	MD Air	****	****	MD Air	****	****	Vacate with temp	****	105
N 876567	****		****	****	USN	Telemetry	****	DoN Video 1	****	CA Air	****	****	CA	****	****	Vacate with temp	****	91
N 876579	****		****	****	USN	Telemetry	****	DoN Video 1	****	CA Air	****	****	CA	****	****	Vacate with temp	****	91
N 876583	****		****	****	USN	Telemetry	****	DoN Video 1	****	NM Air	****	****	NM	****	****	Vacate with temp	****	36
N 136919	****		****	****	USN	Telemetry	****	DoN Telemetry 1-5	****	NM Air	****	****	NM	****	****	Vacate with temp	****	36
N 094061	****		****	****	USN	Telemetry	****	DoN Telemetry 1-5	****	FL	****	****	FL	****	****	Vacate with temp	****	66
N 088457	****		****	****	USN	UAS	****	FQM-151A	****	NV	****	****	NV	****	****	Vacate with Temp	****	48
N 088612	****		****	****	USN	UAS	****	L-3VNTXL-1A	****	CA	****	****	CA	****	****	Vacate with Temp	****	48
N 126630	****		****	****	USN	Video	****	DoN Telemetry 1-5	****	NV	****	****	NV	****	****	Vacate with Temp	****	12
N 126631	****		****	****	USN	Video	****	DoN Telemetry 1-5	****	CA	****	****	CA	****	****	Vacate with Temp	****	12
N 126632	****		****	****	USN	Video	****	DoN Telemetry 1-5	****	TX	****	****	TX	****	****	Vacate with Temp	****	12
N 126633	****		****	****	USN	Video	****	DoN Telemetry 1-5	****	CA	****	****	CA	****	****	Vacate with Temp	****	12
N 126634	****		****	****	USN	Video	****	DoN Telemetry 1-5	****	CA	****	****	CA	****	****	Vacate with Temp	****	12
N 126635	****		****	****	USN	Video	****	DoN Telemetry 1-5	****	TX	****	****	TX	****	****	Vacate with Temp	****	12
N 126636	****		****	****	USN	Video	****	DoN Telemetry 1-5	****	TX	****	****	TX	****	****	Vacate with Temp	****	12
N 126637	****		****	****	USN	Video	****	DoN Telemetry 1-5	****	CA	****	****	CA	****	****	Vacate with Temp	****	12
N 988239	****		****	****	USN	Other	****	DoN Other 8	****	CA	****	****	CA	****	****	Vacate with Temp	****	36
MC 121431	****		****	****	USMC	Video	****	DoN Telemetry 1-5	****	NC	****	****	NC	****	****	Vacate with Temp	****	12
MC 121435	****		****	****	USMC	Video	****	DoN Telemetry 1-5	****	NC	****	****	NC	****	****	Vacate with Temp	****	12
MC 121437	****		****	****	USMC	Video	****	DoN Telemetry 1-5	****	NC	****	****	NC	****	****	Vacate with Temp	****	12
MC 121438	****		****	****	USMC	Video	****	DoN Telemetry 1-5	****	NC	****	****	NC	****	****	Vacate with Temp	****	12
MC 121439	****		****	****	USMC	Video	****	DoN Telemetry 1-5	****	NC	****	****	NC	****	****	Vacate with Temp	****	12
MC 121440	****		****	****	USMC	Video	****	DoN Telemetry 1-5	****	OH	****	****	OH	****	****	Vacate with Temp	****	12

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MC 121441	****		****	****	USMC	Video	****	DoN Telemetry 1-5	****	KY	****	****	KY	****	****	Vacate with Temp	****	12
MC 121442	****		****	****	USMC	Video	****	DoN Telemetry 1-5	****	IN	****	****	IN	****	****	Vacate with Temp	****	12
MC 121443	****		****	****	USMC	Video	****	DoN Telemetry 1-5	****	KY	****	****	KY	****	****	Vacate with Temp	****	12
MC 121444	****		****	****	USMC	Video	****	DoN Telemetry 1-5	****	TN	****	****	TN	****	****	Vacate with Temp	****	12
MC 121445	****		****	****	USMC	Video	****	DoN Telemetry 1-5	****	NC	****	****	NC	****	****	Vacate with Temp	****	12
MC 121446	****		****	****	USMC	Video	****	DoN Telemetry 1-5	****	NC	****	****	NC	****	****	Vacate with Temp	****	12
MC 121447	****		****	****	USMC	Video	****	DoN Telemetry 1-5	****	TN	****	****	TN	****	****	Vacate with Temp	****	12
MC 121448	****		****	****	USMC	Video	****	DoN Telemetry 1-5	****	OH	****	****	OH	****	****	Vacate with Temp	****	12
MC 121449	****		****	****	USMC	Video	****	DoN Telemetry 1-5	****	WV	****	****	WV	****	****	Vacate with Temp	****	12
MC 124145	****		****	****	USMC	Video	****	DoN Telemetry 1-5	****	CA	****	****	CA	****	****	Vacate with Temp	****	12
MC 124146	****		****	****	USMC	Video	****	DoN Telemetry 1-5	****	CA	****	****	CA	****	****	Vacate with Temp	****	12
MC 125155	****		****	****	USMC	Video	****	DoN Telemetry 1-5	****	AZ	****	****	AZ	****	****	Vacate with Temp	****	12
MC 125312	****		****	****	USMC	Video	****	DoN Telemetry 1-5	****	CA	****	****	CA	****	****	Vacate with Temp	****	12
MC 127802	****		****	****	USMC	Video	****	DoN Telemetry 1-5	****	LA	****	****	LA	****	****	Vacate with Temp	****	12
MC 127903	****		****	****	USMC	Video	****	DoN Telemetry 1-5	****	NJ	****	****	NJ	****	****	Vacate with Temp	****	12
MC 127906	****		****	****	USMC	Video	****	DoN Telemetry 1-5	****	GA	****	****	GA	****	****	Vacate with Temp	****	12
MC 123104	****		****	****	USMC	Video	****	DoN Telemetry 1-5	****	HI	****	****	HI	****	****	Vacate with Temp	****	12
N 045191	****		****	****	DON	TRR	****	DoN TRR 1	****	CA	****	****	CA	****	****	Vacate with Temp	****	60
N 045192	****		****	****	DON	TRR	****	DoN TRR 1	****	CA	****	****	CA	****	****	Vacate with Temp	****	60
N 050468	****		****	****	DON	TRR	****	DoN TRR 1	****	NC	****	****	NC	****	****	Vacate with Temp	****	60
N 050472	****		****	****	DON	TRR	****	DoN TRR 1	****	VA	****	****	VA	****	****	Vacate with Temp	****	60
N 050473	****		****	****	DON	TRR	****	DoN TRR 1	****	VA	****	****	VA	****	****	Vacate with Temp	****	60
N 050485	****		****	****	DON	TRR	****	DoN TRR 1	****	GLM	****	****	GLM	****	****	Vacate with Temp	****	60
N 050506	****		****	****	DON	TRR	****	DoN TRR 1	****	GUM	****	****	GUM	****	****	Vacate with Temp	****	60
N 050507	****		****	****	DON	TRR	****	DoN TRR 1	****	GUM	****	****	GUM	****	****	Vacate with Temp	****	60

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MC 086502	*****		*****	*****	USMC	TRR	*****	DoN TRR 3	*****	CA	*****	*****	CA	*****	*****	Vacate with Temp	*****	24
MC 087196	*****		*****	*****	USMC	TRR	*****	DoN TRR 3	*****	CA	*****	*****	CA	*****	*****	Vacate with Temp	*****	24
MC 018450	*****		*****	*****	USMC	TRR	*****	DoN TRR 2	*****	CA	*****	*****	CA	*****	*****	Vacate with Temp	*****	60
MC 018451	*****		*****	*****	USMC	TRR	*****	DoN TRR 2	*****	CA	*****	*****	CA	*****	*****	Vacate with Temp	*****	60
MC 018452	*****		*****	*****	USMC	TRR	*****	DoN TRR 2	*****	CA	*****	*****	CA	*****	*****	Vacate with Temp	*****	60
MC 018453	*****		*****	*****	USMC	TRR	*****	DoN TRR 2	*****	CA	*****	*****	CA	*****	*****	Vacate with Temp	*****	60
MC 018454	*****		*****	*****	USMC	TRR	*****	DoN TRR 2	*****	CA	*****	*****	CA	*****	*****	Vacate with Temp	*****	60
MC 107182	*****		*****	*****	USMC	TRR	*****	DoN TRR 2	*****	IN	*****	*****	IN	*****	*****	Vacate with Temp	*****	60
MC 107183	*****		*****	*****	USMC	TRR	*****	DoN TRR 2	*****	IN	*****	*****	IN	*****	*****	Vacate with Temp	*****	60
MC 107700	*****		*****	*****	USMC	TRR	*****	DoN TRR 2	*****	OH	*****	*****	OH	*****	*****	Vacate with Temp	*****	60
MC 062021	*****		*****	*****	USMC	TRR	*****	DoN TRR 2	*****	NC	*****	*****	NC	*****	*****	Vacate with Temp	*****	60
MC 062022	*****		*****	*****	USMC	TRR	*****	DoN TRR 2	*****	NC	*****	*****	NC	*****	*****	Vacate with Temp	*****	60
MC 077668	*****		*****	*****	USMC	TRR	*****	DoN TRR 2	*****	CA	*****	*****	CA	*****	*****	Vacate with Temp	*****	60
MC 077669	*****		*****	*****	USMC	TRR	*****	DoN TRR 2	*****	CA	*****	*****	CA	*****	*****	Vacate with Temp	*****	60
MC 099553	*****		*****	*****	USMC	TRR	*****	DoN TRR 2	*****	IL	*****	*****	IL	*****	*****	Vacate with Temp	*****	60
MC 030332	*****		*****	*****	USMC	TRR	*****	DoN TRR 3	*****	AZ	*****	*****	AZ	*****	*****	Vacate with Temp	*****	24
MC 030333	*****		*****	*****	USMC	TRR	*****	DoN TRR 3	*****	AZ	*****	*****	AZ	*****	*****	Vacate with Temp	*****	24
MC 030334	*****		*****	*****	USMC	TRR	*****	DoN TRR 3	*****	AZ	*****	*****	AZ	*****	*****	Vacate with Temp	*****	24
MC 030335	*****		*****	*****	USMC	TRR	*****	DoN TRR 3	*****	AZ	*****	*****	AZ	*****	*****	Vacate with Temp	*****	24
MC 030336	*****		*****	*****	USMC	TRR	*****	DoN TRR 3	*****	AZ	*****	*****	AZ	*****	*****	Vacate with Temp	*****	24
MC 030337	*****		*****	*****	USMC	TRR	*****	DoN TRR 3	*****	AZ	*****	*****	AZ	*****	*****	Vacate with Temp	*****	24
MC 084001	*****		*****	*****	USMC	TRR	*****	DoN TRR 3	*****	HI	*****	*****	HI	*****	*****	Vacate with Temp	*****	24
MC 084002	*****		*****	*****	USMC	TRR	*****	DoN TRR 3	*****	HI	*****	*****	HI	*****	*****	Vacate with Temp	*****	24
MC 084003	*****		*****	*****	USMC	TRR	*****	DoN TRR 3	*****	HI	*****	*****	HI	*****	*****	Vacate with Temp	*****	24
MC 084004	*****		*****	*****	USMC	TRR	*****	DoN TRR 3	*****	HI	*****	*****	HI	*****	*****	Vacate with Temp	*****	24

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MC 114529	****		****	****	USMC	TRR	****	DoN TRR 3	****	CA	****	****	CA	****	****	Vacate with Temp	****	24
MC 123004	****		****	****	USMC	TRR	****	DoN TRR 2	****	GUM	****	****	GUM	****	****	Vacate with Temp	****	60
MC 123005	****		****	****	USMC	TRR	****	DoN TRR 2	****	GUM	****	****	GUM	****	****	Vacate with Temp	****	60
MC 123006	****		****	****	USMC	TRR	****	DoN TRR 2	****	GUM	****	****	GUM	****	****	Vacate with Temp	****	60
MC 937173	****		****	****	USMC	TRR	****	DoN TRR 2	****	NC	****	****	NC	****	****	Vacate with Temp	****	60
MC 937174	****		****	****	USMC	TRR	****	DoN TRR 2	****	NC	****	****	NC	****	****	Vacate with Temp	****	60
MC 937175	****		****	****	USMC	TRR	****	DoN TRR 2	****	NC	****	****	NC	****	****	Vacate with Temp	****	60
MC 937176	****		****	****	USMC	TRR	****	DoN TRR 2	****	NC	****	****	NC	****	****	Vacate with Temp	****	60
MC 955043	****		****	****	USMC	TRR	****	DoN TRR 2	****	CA	****	****	CA	****	****	Vacate with Temp	****	60
MC 955044	****		****	****	USMC	TRR	****	DoN TRR 2	****	CA	****	****	CA	****	****	Vacate with Temp	****	60
MC 955045	****		****	****	USMC	TRR	****	DoN TRR 2	****	CA	****	****	CA	****	****	Vacate with Temp	****	60
MC 955046	****		****	****	USMC	TRR	****	DoN TRR 2	****	CA	****	****	CA	****	****	Vacate with Temp	****	60
MC 955047	****		****	****	USMC	TRR	****	DoN TRR 2	****	CA	****	****	CA	****	****	Vacate with Temp	****	60
MC 955048	****		****	****	USMC	TRR	****	DoN TRR 2	****	CA	****	****	CA	****	****	Vacate with Temp	****	60
MC 955049	****		****	****	USMC	TRR	****	DoN TRR 2	****	CA	****	****	CA	****	****	Vacate with Temp	****	60
MC 957106	****		****	****	USMC	TRR	****	DoN TRR 2	****	NY	****	****	NY	****	****	Vacate with Temp	****	60
MC 998023	****		****	****	USMC	TRR	****	DoN TRR 2	****	CA	****	****	CA	****	****	Vacate with Temp	****	60
MC 929345	****		****	****	USMC	TRR	****	DoN TRR 3	****	HI	****	****	HI	****	****	Vacate with Temp	****	24
MC 929346	****		****	****	USMC	TRR	****	DoN TRR 3	****	HI	****	****	HI	****	****	Vacate with Temp	****	24
MC 937224	****		****	****	USMC	TRR	****	DoN TRR 3	****	VA	****	****	VA	****	****	Vacate with Temp	****	24
N 055564	****		****	****	USN	ROBOTICS	****	DoN Robotics	****	CA	****	****	CA	****	****	Vacate with Temp	****	48
N 067148	****		****	****	USN	ROBOTICS	****	DoN Robotics	****	CA	****	****	CA	****	****	Vacate with Temp	****	48
N 075700	****		****	****	USN	ROBOTICS	****	DoN Robotics	****	CA	****	****	CA	****	****	Vacate with Temp	****	48
MC 114281	****		****	****	USMC	ROBOTICS	****	DoN Robotics	****	CA	****	****	CA	****	****	Vacate with Temp	****	48
MC 134587	****		****	****	USMC	ROBOTICS	****	DoN Robotics	****	CA	****	****	CA	****	****	Vacate with Temp	****	48

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N 126558	****		****	****	USN	ROBOTICS	****	DoN Robotics	****	CA	****	****	CA	****	****	Vacate with Temp	****	48
N 126559	****		****	****	USN	ROBOTICS	****	DoN Robotics	****	CA	****	****	CA	****	****	Vacate with Temp	****	48
N 127980	****		****	****	USN	ROBOTICS	****	DoN Robotics	****	CA	****	****	CA	****	****	Vacate with Temp	****	48
N 127981	****		****	****	USN	ROBOTICS	****	DoN Robotics	****	CA	****	****	CA	****	****	Vacate with Temp	****	48
N 127984	****		****	****	USN	ROBOTICS	****	DoN Robotics	****	CA	****	****	CA	****	****	Vacate with Temp	****	48
N 127985	****		****	****	USN	ROBOTICS	****	DoN Robotics	****	CA	****	****	CA	****	****	Vacate with Temp	****	48
N 127988	****		****	****	USN	ROBOTICS	****	DoN Robotics	****	CA	****	****	CA	****	****	Vacate with Temp	****	48
N 127989	****		****	****	USN	ROBOTICS	****	DoN Robotics	****	CA	****	****	CA	****	****	Vacate with Temp	****	48
N 127992	****		****	****	USN	ROBOTICS	****	DoN Robotics	****	CA	****	****	CA	****	****	Vacate with Temp	****	48
N 127993	****		****	****	USN	ROBOTICS	****	DoN Robotics	****	CA	****	****	CA	****	****	Vacate with Temp	****	48
N 127996	****		****	****	USN	ROBOTICS	****	DoN Robotics	****	CA	****	****	CA	****	****	Vacate with Temp	****	48
N 127997	****		****	****	USN	ROBOTICS	****	DoN Robotics	****	CA	****	****	CA	****	****	Vacate with Temp	****	48
N 957125	****		****	****	NAVY	TT&C	****	DoN TT&C SatOps	****	MD	****	****	SPC	****	****	Indefinite	****	12
N 957126	****		****	****	NAVY	TT&C	****	DoN TT&C SatOps	****	MD	****	****	SPC	****	****	Indefinite	****	12
N 957127	****		****	****	NAVY	TT&C	****	DoN TT&C SatOps	****	MD	****	****	SPC	****	****	Indefinite	****	12
N 957128	****		****	****	NAVY	TT&C	****	DoN TT&C SatOps	****	MD	****	****	SPC	****	****	Indefinite	****	12
N 957129	****		****	****	NAVY	TT&C	****	DoN TT&C SatOps	****	MD	****	****	SPC	****	****	Indefinite	****	12
N 113380	****		****	****	Navy	TT&C	****	DoN TT&C SatOps	****	MD	****	****	SPC	****	****	Indefinite	****	12
N 087583	****		****	****	USN	ACTS	****	DoN ACTS	****	AZ	****	****	AZ	****	****	Vacate with Temp	****	63
N 087585	****		****	****	USN	ACTS	****	DoN ACTS	****	CA	****	****	CA	****	****	Vacate with Temp	****	63
N 087587	****		****	****	USN	ACTS	****	DoN ACTS	****	CA	****	****	CA	****	****	Vacate with Temp	****	63
N 087589	****		****	****	USN	ACTS	****	DoN ACTS	****	CA	****	****	CA	****	****	Vacate with Temp	****	63
N 087591	****		****	****	USN	ACTS	****	DoN ACTS	****	AZ	****	****	AZ	****	****	Vacate with Temp	****	63
N 087593	****		****	****	USN	ACTS	****	DoN ACTS	****	AZ	****	****	AZ	****	****	Vacate with Temp	****	63
N 087595	****		****	****	USN	ACTS	****	DoN ACTS	****	AZ	****	****	AZ	****	****	Vacate with Temp	****	63
N 087597	****		****	****	USN	ACTS	****	DoN ACTS	****	AZ	****	****	AZ	****	****	Vacate with Temp	****	63
N 087599	****		****	****	USN	ACTS	****	DoN ACTS	****	AZ	****	****	AZ	****	****	Vacate with Temp	****	63
N 087601	****		****	****	USN	ACTS	****	DoN ACTS	****	CA	****	****	CA	****	****	Vacate with Temp	****	63

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N 087603	*****		*****	*****	USN	ACTS	*****	DoN ACTS	*****	CA	*****	*****	CA	*****	*****	Vacate with Temp	*****	63
N 085147	*****		*****	*****	USN	ACTS	*****	DoN ACTS	*****	SC	*****	*****	SC	*****	*****	Vacate with Temp	*****	63
N 085148	*****		*****	*****	USN	ACTS	*****	DoN ACTS	*****	SC	*****	*****	SC	*****	*****	Vacate with Temp	*****	63
N 085149	*****		*****	*****	USN	ACTS	*****	DoN ACTS	*****	GA	*****	*****	GA	*****	*****	Vacate with Temp	*****	63
N 085150	*****		*****	*****	USN	ACTS	*****	DoN ACTS	*****	SC	*****	*****	SC	*****	*****	Vacate with Temp	*****	63
N 124779	*****		*****	*****	USN	ACTS	*****	DoN ACTS	*****	FL	*****	*****	FL	*****	*****	Vacate with Temp	*****	63
N 087559	*****		*****	*****	USN	ACTS	*****	DoN ACTS	*****	NV	*****	*****	NV	*****	*****	Vacate with Temp	*****	63
N 087560	*****		*****	*****	USN	ACTS	*****	DoN ACTS	*****	NV	*****	*****	NV	*****	*****	Vacate with Temp	*****	63
N 087561	*****		*****	*****	USN	ACTS	*****	DoN ACTS	*****	NV	*****	*****	NV	*****	*****	Vacate with Temp	*****	63
N 087562	*****		*****	*****	USN	ACTS	*****	DoN ACTS	*****	NV	*****	*****	NV	*****	*****	Vacate with Temp	*****	63
N 087563	*****		*****	*****	USN	ACTS	*****	DoN ACTS	*****	NV	*****	*****	NV	*****	*****	Vacate with Temp	*****	63
N 087564	*****		*****	*****	USN	ACTS	*****	DoN ACTS	*****	NV	*****	*****	NV	*****	*****	Vacate with Temp	*****	63
N 087565	*****		*****	*****	USN	ACTS	*****	DoN ACTS	*****	NV	*****	*****	NV	*****	*****	Vacate with Temp	*****	63
N 087566	*****		*****	*****	USN	ACTS	*****	DoN ACTS	*****	NV	*****	*****	NV	*****	*****	Vacate with Temp	*****	63
N 087567	*****		*****	*****	USN	ACTS	*****	DoN ACTS	*****	NV	*****	*****	NV	*****	*****	Vacate with Temp	*****	63
N 087568	*****		*****	*****	USN	ACTS	*****	DoN ACTS	*****	NV	*****	*****	NV	*****	*****	Vacate with Temp	*****	63
N 087569	*****		*****	*****	USN	ACTS	*****	DoN ACTS	*****	NV	*****	*****	NV	*****	*****	Vacate with Temp	*****	63
N 087570	*****		*****	*****	USN	ACTS	*****	DoN ACTS	*****	NV	*****	*****	NV	*****	*****	Vacate with Temp	*****	63
N 136637	*****		*****	*****	USN	ACTS	*****	DoN ACTS	*****	CA	*****	*****	CA	*****	*****	Vacate with Temp	*****	63
N 053455	*****		*****	*****	USN	Other	*****	DoN Other 7	*****	LANT	*****	*****	LANT	*****	*****	Vacate with Temp	*****	12
N 053456	*****		*****	*****	USN	Other	*****	DoN Other 7	*****	LANT	*****	*****	LANT	*****	*****	Vacate with Temp	*****	12
N 053457	*****		*****	*****	USN	Other	*****	DoN Other 7	*****	LANT	*****	*****	LANT	*****	*****	Vacate with Temp	*****	12
N 053464	*****		*****	*****	USN	Other	*****	DoN Other 7	*****	GLM	*****	*****	GLM	*****	*****	Vacate with Temp	*****	12
N 053465	*****		*****	*****	USN	Other	*****	DoN Other 7	*****	GLM	*****	*****	GLM	*****	*****	Vacate with Temp	*****	12
N 053466	*****		*****	*****	USN	Other	*****	DoN Other 7	*****	GLM	*****	*****	GLM	*****	*****	Vacate with Temp	*****	12

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 Tab C: Abstract

Serial Number	Center Freq./ Lower Band Limit (MHz)	Upper Band Limit (MHz) (if appl)	Emission Bandwidth (20 dB) (MHz)	Rx IF Bandwidth (3 dB) (MHz)	Bureau	System Use	System Name	Releasable System Name	Authorized Area of Operation	TX State	TX Latitude	TX Longitude	RX State	RX Latitude	RX Longitude	Sharing/ Relocation (SEE TAB I)	Alternate Frequency Assignment	Transition Timeline (Months)
N 088694	*****		*****	*****	USN	Other	*****	DoN Other 7	*****	CA	*****	*****	CA	*****	*****	Vacate with Temp	*****	12
N 094519	*****		*****	*****	USN	Other	*****	DoN Other 7	*****	NC	*****	*****	NC	*****	*****	Vacate with Temp	*****	12
N 103501	*****		*****	*****	USN	Other	*****	DoN Other 8	*****	VA	*****	*****	VA	*****	*****	Vacate with Temp	*****	12
N 103502	*****		*****	*****	USN	Other	*****	DoN Other 8	*****	VA	*****	*****	VA	*****	*****	Vacate with Temp	*****	12
N 103503	*****		*****	*****	USN	Other	*****	DoN Other 8	*****	VA	*****	*****	VA	*****	*****	Vacate with Temp	*****	12
N 125870	*****		*****	*****	USN	Other	*****	DoN Other 8	*****	HI	*****	*****	HI	*****	*****	Vacate with Temp	*****	12
N 137579	*****		*****	*****	USN	Other	*****	DoN Other 8	*****	CA	*****	*****	CA	*****	*****	Vacate with Temp	*****	12
N 967058	*****		*****	*****	USN	Telemetry	*****	DoN Telemetry 1-5	*****	NJ	*****	*****	NJ	*****	*****	Vacate with Temp	*****	48
N 128025	*****	*****	*****	*****	USN	Other	*****	DoN Other 8	*****	MO	*****	*****	MO	*****	*****	Vacate with Temp	*****	36
N 018190	*****		*****	*****	USN	Other	*****	DoN Other 8	*****	CA	*****	*****	CA	*****	*****	Vacate with Temp	*****	36
N 018202	*****		*****	*****	USN	Other	*****	DoN Other 8	*****	CA	*****	*****	CA	*****	*****	Vacate with Temp	*****	36
N 135186	*****		*****	*****	USN	Other	*****	DoN Other 8	*****	HI	*****	*****	HI	*****	*****	Vacate with Temp	*****	12
N 088211	*****		*****	*****	USN	Other	*****	DoN Other 8	*****	NV	*****	*****	NV	*****	*****	Vacate with Temp	*****	60
N 088212	*****		*****	*****	USN	Other	*****	DoN Other 8	*****	NV	*****	*****	NV	*****	*****	Vacate with Temp	*****	60
N 088213	*****		*****	*****	USN	Other	*****	DoN Other 8	*****	NV	*****	*****	NV	*****	*****	Vacate with Temp	*****	60
N 088214	*****		*****	*****	USN	Other	*****	DoN Other 8	*****	NV	*****	*****	NV	*****	*****	Vacate with Temp	*****	60
N 088215	*****		*****	*****	USN	Other	*****	DoN Other 8	*****	NV	*****	*****	NV	*****	*****	Vacate with Temp	*****	60
N 088216	*****		*****	*****	USN	Other	*****	DoN Other 8	*****	NV	*****	*****	NV	*****	*****	Vacate with Temp	*****	60
N 088217	*****		*****	*****	USN	Other	*****	DoN Other 8	*****	NV	*****	*****	NV	*****	*****	Vacate with Temp	*****	60
N 088218	*****		*****	*****	USN	Other	*****	DoN Other 8	*****	NV	*****	*****	NV	*****	*****	Vacate with Temp	*****	60
N 851350	*****		*****	*****	USN	Telemetry	*****	DoN Telemetry 1-5	*****	FL	*****	*****	FL	*****	*****	Vacate with Temp	*****	66
MC 126002	*****		*****	*****	USMC	UAS	*****	DON UAS 3	*****	NC	*****	*****	NC	*****	*****	Vacate with Temp	*****	48
MC 130025	*****		*****	*****	USMC	UAS	*****	DON UAS 3	*****	NC	*****	*****	NC	*****	*****	Vacate with Temp	*****	48
MC 124401	*****		*****	*****	USMC	UAS	*****	DON UAS 3	*****	CA	*****	*****	CA	*****	*****	Vacate with Temp	*****	48
MC 124518	*****		*****	*****	USMC	UAS	*****	DON UAS 3	*****	CA	*****	*****	CA	*****	*****	Vacate with Temp	*****	48

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 Tab C: Abstract

Serial Number	Center Freq./ Lower Band Limit (MHz)	Upper Band Limit (MHz) (if appl)	Emission Bandwidth (20 dB) (MHz)	Rx IF Bandwidth (3 dB) (MHz)	Bureau	System Use	System Name	Releasable System Name	Authorized Area of Operation	TX State	TX Latitude	TX Longitude	RX State	RX Latitude	RX Longitude	Sharing/ Relocation (SEE TAB I)	Alternate Frequency Assignment	Transition Timeline (Months)
MC 124545	*****		*****	*****	USMC	UAS	*****	DON UAS 3	*****	CA	*****	*****	CA	*****	*****	Vacate with Temp	*****	48
MC 134339	*****		*****	*****	USMC	Video	*****	DoN Telemetry 1-5	*****	CA	*****	*****	CA	*****	*****	Vacate with Temp	*****	12
MC 134338	*****		*****	*****	USMC	Video	*****	DoN Telemetry 1-5	*****	CA	*****	*****	CA	*****	*****	Vacate with Temp	*****	12
MC 042001	*****		*****	*****	USMC	TRR	*****	DoN TRR 3	*****	NC	*****	*****	NC	*****	*****	Vacate with Temp	*****	24
MC 998024	*****		*****	*****	USMC	TRR	*****	DoN TRR 2	*****	CA	*****	*****	CA	*****	*****	Vacate with Temp	*****	60
MC 998025	*****		*****	*****	USMC	TRR	*****	DoN TRR 3	*****	CA	*****	*****	CA	*****	*****	Vacate with Temp	*****	24
MC 998026	*****		*****	*****	USMC	TRR	*****	DoN TRR 3	*****	CA	*****	*****	CA	*****	*****	Vacate with Temp	*****	24
MC 998027	*****		*****	*****	USMC	TRR	*****	DoN TRR 2	*****	CA	*****	*****	CA	*****	*****	Vacate with Temp	*****	60
MC 139346	*****		*****	*****	USMC	ROBOTICS	*****	DoN Robotics	*****	VA	*****	*****	VA	*****	*****	Vacate with Temp	*****	48
MC 125105	*****		*****	*****	USMC	Video	*****	DoN Other 1-5	*****	AZ	*****	*****	AZ	*****	*****	Vacate with Temp	*****	51
MC 125106	*****		*****	*****	USMC	Video	*****	DoN Other 1-5	*****	AZ	*****	*****	AZ	*****	*****	Vacate with Temp	*****	51
MC 135317	*****		*****	*****	USMC	Video	*****	DoN Other 1-5	*****	CA	*****	*****	CA	*****	*****	Vacate with Temp	*****	51
MC 135318	*****		*****	*****	USMC	Video	*****	DoN Other 1-5	*****	CA	*****	*****	CA	*****	*****	Vacate with Temp	*****	51
N 010206	*****		*****	*****	Navy	TT&C	*****	DoN TT&C SatOps	*****	ME	*****	*****	SPC	*****	*****	Indefinite	*****	12
N 010209	*****		*****	*****	Navy	TT&C	*****	DoN TT&C SatOps	*****	GUM	*****	*****	SPC	*****	*****	Indefinite	*****	12
N 127860	*****		*****	*****	USN	Other	*****	DoN Other 7	*****	CA	*****	*****	CA	*****	*****	Vacate with Temp	*****	12
MC 134639	*****	*****	*****	*****	USMC	UAS	*****	DON UAS 3	*****	CA	*****	*****	CA	*****	*****	Vacate with Temp	*****	48
MC 134739	*****	*****	*****	*****	USMC	UAS	*****	DON UAS 3	*****	CA	*****	*****	CA	*****	*****	Vacate with Temp	*****	48
MC 134778	*****	*****	*****	*****	USMC	UAS	*****	DON UAS 3	*****	CA	*****	*****	CA	*****	*****	Vacate with Temp	*****	48
MC 135113	*****	*****	*****	*****	USMC	UAS	*****	DON UAS 3	*****	CA	*****	*****	CA	*****	*****	Vacate with Temp	*****	48
MC 135119	*****	*****	*****	*****	USMC	UAS	*****	DON UAS 3	*****	AZ	*****	*****	AZ	*****	*****	Vacate with Temp	*****	48
MC 135124	*****	*****	*****	*****	USMC	UAS	*****	DON UAS 3	*****	AZ	*****	*****	AZ	*****	*****	Vacate with Temp	*****	48

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Tab D: Transition Timeline

Serial Number	Geographic Location	Timeline (Months after Transition Start)		
		Temporary Sharing	Indefinite Sharing	Vacate Assignment
N 065621		12		
N 065622		12		
N 114003		12		
N 138070		12		
MC 115319		12		
MC 115335		12		
MC 115336		12		
MC 135302		12		
MC 134519		12		
MC 135216		12		
MC 135224		12		
MC 135225		12		
MC 135303		12		
MC 134520		12		
MC 135217		12		
MC 075673		12		
MC 085345		12		
N 075692		12		
N 075693		12		
N 124502		12		
N 124503		12		
N 134566		12		
N 134567		12		
N 134580		12		
N 134581		12		
N 036003		12		
N 036004		12		
N 044843		12		
N 044844		12		
N 044880		12		

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Tab D: Transition Timeline

Serial Number	Geographic Location	Timeline (Months after Transition Start)		
		Temporary Sharing	Indefinite Sharing	Vacate Assignment
N 044881		12		
N 088081		12		
N 088085		12		
N 095421		12		
N 095427		12		
N 099937		12		
N 099938		12		
N 947215		12		
N 947225		12		
N 948077		12		
N 948097		12		
N 797220		12		
N 876567		12		
N 018190		12		
N 018202		12		
N 018356		12		
N 018357		12		
N 018358		12		
N 018359		12		
N 018360		12		
N 018361		12		
N 018362		12		
N 018363		12		
N 018364		12		
N 018365		12		
N 018366		12		
N 028686		12		
N 028687		12		
N 028688		12		
N 028689		12		

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Tab D: Transition Timeline

Serial Number	Geographic Location	Timeline (Months after Transition Start)		
		Temporary Sharing	Indefinite Sharing	Vacate Assignment
N 028690		12		
N 028691		12		
N 028692		12		
N 028693		12		
N 028694		12		
N 028695		12		
N 028696		12		
N 028697		12		
N 028698		12		
N 028699		12		
N 028700		12		
N 028701		12		
N 028702		12		
N 028703		12		
N 028704		12		
N 028705		12		
N 028706		12		
N 028707		12		
N 028708		12		
N 028709		12		
N 028710		12		
N 036580		12		
N 087939		12		
N 087940		12		
N 087941		12		
N 087942		12		
N 087943		12		
N 136937		12		
N 136938		12		
N 136939		12		

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Tab D: Transition Timeline

Serial Number	Geographic Location	Timeline (Months after Transition Start)		
		Temporary Sharing	Indefinite Sharing	Vacate Assignment
N 136940		12		
N 136941		12		
N 136942		12		
N 136943		12		
N 136944		12		
N 136945		12		
N 136946		12		
N 136947		12		
N 136948		12		
N 136949		12		
N 136950		12		
N 136951		12		
N 136952		12		
N 136953		12		
N 136954		12		
N 136955		12		
N 136956		12		
N 136957		12		
N 085063		12		
N 085064		12		
N 085065		12		
N 085066		12		
N 883073		12		
N 063225		12		
N 085073		12		
N 085074		12		
N 085075		12		
N 085076		12		
N 085077		12		
N 085078		12		

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Tab D: Transition Timeline

Serial Number	Geographic Location	Timeline (Months after Transition Start)		
		Temporary Sharing	Indefinite Sharing	Vacate Assignment
N 842898		12		
N 085079		12		
N 085080		12		
N 085081		12		
N 085082		12		
N 085083		12		
N 124403		12		
N 063226		12		
N 085084		12		
N 876567		12		
N 876579		12		
N 876583		12		
N 136919		12		
N 094061		12		
N 088457		12		
N 088612		12		
N 988239		12		
N 045191		12		
N 045192		12		
N 050468		12		
N 050472		12		
N 050473		12		
N 050485		12		
N 050506		12		
N 050507		12		
MC 086502		12		
MC 087196		12		
MC 018450		12		
MC 018451		12		
MC 018452		12		

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Tab D: Transition Timeline

Serial Number	Geographic Location	Timeline (Months after Transition Start)		
		Temporary Sharing	Indefinite Sharing	Vacate Assignment
MC 018453		12		
MC 018454		12		
MC 107182		12		
MC 107183		12		
MC 107700		12		
MC 062021		12		
MC 062022		12		
MC 077668		12		
MC 077669		12		
MC 099553		12		
MC 030332		12		
MC 030333		12		
MC 030334		12		
MC 030335		12		
MC 030336		12		
MC 030337		12		
MC 084001		12		
MC 084002		12		
MC 084003		12		
MC 084004		12		
MC 114529		12		
MC 123004		12		
MC 123005		12		
MC 123006		12		
MC 937173		12		
MC 937174		12		
MC 937175		12		
MC 937176		12		
MC 955043		12		
MC 955044		12		

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Serial Number	Geographic Location	Timeline (Months after Transition Start)		
		Temporary Sharing	Indefinite Sharing	Vacate Assignment
MC 955045		12		
MC 955046		12		
MC 955047		12		
MC 955048		12		
MC 955049		12		
MC 957106		12		
MC 998023		12		
MC 929345		12		
MC 929346		12		
MC 937224		12		
MC 042001		12		
N 055564		12		
N 067148		12		
N 075700		12		
MC 114281		12		
MC 134587		12		
N 126558		12		
N 126559		12		
N 127980		12		
N 127981		12		
N 127984		12		
N 127985		12		
N 127988		12		
N 127989		12		
N 127992		12		
N 127993		12		
N 127996		12		
N 127997		12		
N 087583		12		
N 087585		12		

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Tab D: Transition Timeline

Serial Number	Geographic Location	Timeline (Months after Transition Start)		
		Temporary Sharing	Indefinite Sharing	Vacate Assignment
N 087587		12		
N 087589		12		
N 087591		12		
N 087593		12		
N 087595		12		
N 087597		12		
N 087599		12		
N 087601		12		
N 087603		12		
N 085147		12		
N 085148		12		
N 085149		12		
N 085150		12		
N 124779		12		
N 083981		12		
N 087559		12		
N 087560		12		
N 087561		12		
N 087562		12		
N 087563		12		
N 087564		12		
N 087565		12		
N 087566		12		
N 087567		12		
N 087568		12		
N 087569		12		
N 087570		12		
N 136637		12		
N 967058		12		
N 128025		12		

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 Tab D: Transition Timeline

Serial Number	Geographic Location	Timeline (Months after Transition Start)		
		Temporary Sharing	Indefinite Sharing	Vacate Assignment
N 088211		12		
N 088212		12		
N 088213		12		
N 088214		12		
N 088215		12		
N 088216		12		
N 088217		12		
N 088218		12		
N 851350		12		
MC 126002		12		
MC 130025		12		
MC 124401		12		
MC 124518		12		
MC 124545		12		
MC 998024		12		
MC 998025		12		
MC 998026		12		
MC 998027		12		
MC 139346		12		
MC 125105		12		
MC 125106		12		
MC 135317		12		
MC 135318		12		
MC 134639		12		
MC 134739		12		
MC 134778		12		
MC 135113		12		
MC 135119		12		
MC 135124		12		

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 Tab E: Plan and Timeline for using Funds (SRF)

System Name	Releasable System Name	System ID	Releasable System ID	Total Pre-Auction Costs (\$M)	Pre-Auction Transfer Requested (\$M)	Pre-Auction Costs Incurred between 6-28-2010 and 2-22-2012	Equipment-Related Costs (\$M)	Deployment-Related Costs (\$M)	Total Cost for System (\$M)	Begin Expenditure of Funds	End Expenditure of Funds	Costs Associated with Expanded Capability	Description of Expanded Capability	Explanation/ Justification
****	DON UAS 1	****	DON-1	0.069	0.069	0.069	6.3	0.000	6.4	1	17			
****	DON UAS 2	****	DON-2	0.069	0.069	0.069	33.3	0.000	33.3	1	53			
****	DON UAS 3	****	DON-3	0.069	0.069	0.069	31.3	0.000	31.4	1	41			
****	DON UAS 4	****	DON-4	0.069	0.069	0.069	33.3	0.000	33.4	1	74			
****	DON UAS Transition Support	****	DON-5	0.000	0.000	0.000	3.7	12.985	16.7	1	120			Includes direct participation by Program office in sharing studies, development and administering of training relative to spectrum transition impacts on capability, configuration management of capability and support systems, and development, validation and briefing of material required for SRF progress reporting

****	DoN UAS-Video 5	****	DON-6	0.000	0.000	0.000	94.2	0.000	94.2	4	120			

****	DoN Video Transition Support	****	DON-8	0.000	0.000	0.000	3.7	12.985	\$ 16.685	1	120			Includes direct participation by Program office in sharing studies, development and administering of training relative to spectrum transition impacts on capability, configuration management of capability and support systems, and development, validation and briefing of material required for SRF progress reporting

****	DoN Other 1	****	DON-9	0.001	0.001	0.001	\$ 174.04		\$ 174.036	1	87			
****	DoN Other 2	****	DON-10	0.001	0.001	0.001	\$ 53.00		\$ 53.003	1	87			
****	DoN Other 3	****	DON-11	0.001	0.001	0.001	\$ 161.37		\$ 161.367	1	120			
****	DoN Other 4	****	DON-12	0.001	0.001	0.001	\$ 151.58		\$ 151.585	1	120			
****	DoN Other 5	****	DON-13	0.001	0.001	0.001	\$ 79.94		\$ 79.941	1	120			

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 Tab E: Plan and Timeline for using Funds (SRF)

System Name	Releasable System Name	System ID	Releasable System ID	Total Pre-Auction Costs (\$M)	Pre-Auction Transfer Requested (\$M)	Pre-Auction Costs Incurred between 6-28-2010 and 2-22-2012	Equipment-Related Costs (\$M)	Deployment-Related Costs (\$M)	Total Cost for System (\$M)	Begin Expenditure of Funds	End Expenditure of Funds	Costs Associated with Expanded Capability	Description of Expanded Capability	Explanation/ Justification
*****	DoN Other Systems Transition Support	*****	DON-14	0.000	0.000	0.000	3.7	12.985	\$ 16.685	1	120			Includes direct participation by Program office in sharing studies, development and administering of training relative to spectrum transition impacts on capability, configuration management of capability and support systems, and development, validation and briefing of material required for SRF progress reporting

*****	DoN PGM	*****	DON-15	\$ 0.105	0.105	0.105	\$ 24.39		\$ 24.492	1	120			
*****	DoN PGM Transition Support	*****	DON-16	0.000	0.000	0.000	3.7	12.985	\$ 16.685	1	120			Includes direct participation by Program office in sharing studies, development and administering of training relative to spectrum transition impacts on capability, configuration management of capability and support systems, and development, validation and briefing of material required for SRF progress reporting

*****	DoN Telemetry 1	*****	DON-17	0.088	0.088	0.088	25.579	5.191	\$ 30.857	1	120	0	NA	*****
*****	DoN Telemetry 2	*****	DON-18	0.088	0.088	0.088	23.785	3.424	\$ 27.298	1	120	0	NA	*****
*****	DON Telemetry 3	*****	DON-19	0.000	0.000	0.000	4.430	0.457	\$ 4.887	1	120	0	NA	Re-engineering of AMT systems and capabilities, and to purchase new equipment to allow the systems to compress into the 1780 - 1850 MHz portion of the band. Also see note below and TAB I for additional information.
*****	DoN Telemetry 4	*****	DON-20	0.088	0.088	0.088	34.225	6.988	\$ 41.301	1	120	0	NA	*****
*****	DoN Telemetry 5	*****	DON-21	0.000	0.000	0.000	1.069	0.216	\$ 1.285	1	36	0	NA	Re-engineering of AMT systems and capabilities, and to purchase new equipment to allow the systems to compress into the 1780 - 1850 MHz portion of the band. Also see note below and TAB I (Note 4) for additional information.
*****	DoN Video 1	*****	DON-7	0.000	0.000	0.000	1.091	0.452	\$ 1.543	1	36	0	NA	Re-engineering of AMT systems and capabilities, and to purchase new equipment to allow the systems to compress into the 1780 - 1850 MHz portion of the band. Also see note below and TAB I (Note 4) for additional information.
*****									\$ -					
*****	DoN TRR 1	*****	DON-22	0.000	0.000	0.132	126.800	0.000	\$ 126.800	1	120	0	NA	*****
*****	DoN TRR 2	*****	DON-23	0.000	0.000	0.000	5.300	0.000	\$ 5.300	1	120	0	NA	*****

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 Tab E: Plan and Timeline for using Funds (SRF)

System Name	Releasable System Name	System ID	Releasable System ID	Total Pre-Auction Costs (\$M)	Pre-Auction Transfer Requested (\$M)	Pre-Auction Costs Incurred between 6-28-2010 and 2-22-2012	Equipment-Related Costs (\$M)	Deployment-Related Costs (\$M)	Total Cost for System (\$M)	Begin Expenditure of Funds	End Expenditure of Funds	Costs Associated with Expanded Capability	Description of Expanded Capability	Explanation/ Justification
*****	DoN TRR 3	*****	DON-24	0.000	0.000	0.000	6.471	18.998	\$ 25.469	1	120			Includes direct participation by Program office in sharing studies, development and administering of training relative to spectrum transition impacts on capability, configuration management of capability and support systems, and development, validation and briefing of material required for SRF progress reporting

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 Tab E: Plan and Timeline for using Funds (SRF)

System Name	Releasable System Name	System ID	Releasable System ID	Total Pre-Auction Costs (\$M)	Pre-Auction Transfer Requested (\$M)	Pre-Auction Costs Incurred between 6-28-2010 and 2-22-2012	Equipment-Related Costs (\$M)	Deployment-Related Costs (\$M)	Total Cost for System (\$M)	Begin Expenditure of Funds	End Expenditure of Funds	Costs Associated with Expanded Capability	Description of Expanded Capability	Explanation/ Justification
*****									\$ -					
*****	DoN Robotics	*****	DON-25	0.058	0.058	0.058	85.041	25.959	\$ 111.058	1	52	0	N/A	*****
	DoN Robotics Transition Support	*****	DON-26	0.000	0.000	0.000	3.7	12.985	\$ 16.685	1	120	0		Includes direct participation by Program office in sharing studies, development and administering of training relative to spectrum transition impacts on capability, configuration management of capability and support systems, and development, validation and briefing of material required for SRF progress reporting

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 Tab E: Plan and Timeline for using Funds (SRF)

System Name	Releasable System Name	System ID	Releasable System ID	Total Pre-Auction Costs (\$M)	Pre-Auction Transfer Requested (\$M)	Pre-Auction Costs Incurred between 6-28-2010 and 2-22-2012	Equipment-Related Costs (\$M)	Deployment-Related Costs (\$M)	Total Cost for System (\$M)	Begin Expenditure of Funds	End Expenditure of Funds	Costs Associated with Expanded Capability	Description of Expanded Capability	Explanation/ Justification
*****	DoN TT&C SatOps		DON-27	0.086	0.086	0.086	0.000	0.896	\$ 0.982	1	120	N/A		a)Pre Auction cost are for man-hours and costs incurred associated with research, engineering studies, analyses, travel, meetings and discussions and filing presentations and reports in connection with the sharing or relocations plan. BPTF is industrial funded and therefore has no budget for this task. b) Deployment related costs are to cover time costs incurred for managing and supporting the sharing plan with AWS for 10 years
*****	DoN ACTS	*****	DON-28	0.0000	0.0000	0.0000	0.0000	12.3590	\$ 12.359	1	60	NONE	N/A	N/A
*****	DoN HQ Transition Process Management	*****	DON-29	3.380	3.380	1.0153	6.071	71.812	\$ 81.263	1	120			Establish coordination processes and contract vehicles in preparation for post-auction coordination activities, process spectrum certification requests, manage allocation of transition assignments, monitor use of new compressed spectrum, monitor and report encroachment, monitor and resolve interference, lead and coordinate spectrum sharing studies, develop support/service contract, allocate, oversee and monitor expenditures and coordinate SRF reports

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 Tab F: NTIA Interactions

Interaction required with NTIA to implement this Transition Plan	
1	<p>Spectrum Certification: This Transition Plan is based on the DoD Alternative Proposal for the 1755-1780 MHz band; details can be found in Tab I (Additional Information). As part of the Transition Plan, some systems will be modified to operate in both the 1780-1850 MHz and the 2025-2110 MHz bands, while other systems will be retuned or modified to operate in other federal bands. All modified equipment will be required to undergo the spectrum certification process through the NTIA Spectrum Planning Subcommittee (SPS) IAW OMB Circular A-11, Section 31.12(c). This certification is required before agencies can "submit estimates for the development or procurement of major radio spectrum-dependent communications-electronics systems". The spectrum certification process through the NTIA Spectrum Planning Subcommittee can require a number of months to complete for routine equipment developments. It is anticipated that due to the numerous simultaneous certification requests required to enable the modification and/or replacement of the systems identified in this and other agencies' Transition Plans, there will be a significant backlog within the SPS process. It should also be noted that the spectrum certification process is required at each stage of a program's development and thus some of the modified or relocated systems may be required to undergo the SPS review process multiple times. These interactions will begin soon after this Transition Plan is approved and will continue until all affected systems receive spectrum certification approval from the SPS.</p>
2	<p>Frequency Authorization: All systems that require either different frequency assignments in the 1780-1850 MHz band, modification to operate in both the 1780-1850 MHz and 2025-2110 MHz frequency bands, or relocation to operate in other federal bands will have to follow the frequency authorization process in order to obtain new frequency authorizations. It is understood that NTIA intends to essentially "reserve" frequency assignments in the alternate spectrum bands based on the data provided in this Transition Plan; however, the formal frequency authorization process through the NTIA Frequency Assignment Subcommittee (FAS) must still be completed at a future time, subsequent to the associated SPS certification process for the systems/equipments and prior to actual operations in the alternate bands and verification/validation of comparable technical capability. These interactions will begin soon after this Transition Plan is approved and will continue until all affected systems become operational in dual or alternate frequency bands as defined by the Transition Plan.</p>
3	<p>Federal Communications Commission (FCC) band allocation rules development and adoption. The allocation for and use of this band by non-federal fixed and mobile users will require the development of specific technical rules governing non-federal operations, such that sharing of the band between federal and non-federal users is feasible and jointly successful. The development of these rules will be critical to the successful implementation of the DoD Alternative Proposal and the associated transition of systems addressed in this plan from the band. These rules must be adopted prior to the auction of the 1755-1780 MHz band such that potential licensees are fully aware of the requirements that they must comply with to begin operations in the band.</p>
4	<p>Development of Coordination Guidelines For Federal Agencies and Industry: Given the fact that most federal operations will still be in the band upon the award of licenses by the FCC and some federal operations will continue indefinitely in the band, specific coordination guidelines must be developed and published by NTIA (for federal agencies) and the FCC (for non-federal licensees). The formal development of these coordination procedures has not yet begun by NTIA and the FCC, but they will be essential to the any early entry by licensees as well as for the long term sharing coordination that will be required.</p>
5	<p>None, assuming that new 1494s will be processed under the normal timeline and through the normal process.</p>

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Department of Navy Transition Plan for the 1755-1780 MHz Band

Tab F: NTIA Interactions

Interaction required with NTIA to implement this Transition Plan	
6	*****
7	NTIA and the FCC to adopt specific Regulatory Criteria required to protect the out of Band Emissions (OOBE) by the Wireless Industry UEs and base stations to the AMT receiver sites.
8	DOJ systems will be required to migrate to digital modulations to reduce system bandwidth to allow AMT efficient modulation systems to share the band where applicable. All use by
9	*****

Department of Navy Transition Plan for the 1755-1780 MHz Band
 Tab G: Identification of Excluded Classified and Sensitive Information

Serial Number	Description of Classified or Sensitive Information	Reason for Exclusion	Reference
For All serial numbers (frequency assignments from Tab C) except those listed below.	The sensitive information withheld includes the Center Frequency/Lower Band Limit, Upper Band Limit, Emission Bandwidth, RX IF Bandwidth, Non-Releasable System Name, Authorized Area of Operation, Transmit Latitude and Longitude, Receiver Latitude and Longitude, and Alternate Frequency Assignment. This information is currently designated as FOR OFFICIAL USE ONLY and is considered to have a legal basis for nondisclosure and public disclosure of this information would be detrimental to national security. Note: DoD policy and procedures for marking, use, and protection of FOUO information is in the process of migrating to the Controlled Unclassified Information (CUI) program provided under EO 13556. As this time, specific DoD CUI categories are in the process of being registered and will eventually serve as the basis for protection of this type of unclassified information. While additional DoD CUI categories are being considered, the specific DoD CUI categories that the noted FOUO information is expected to transition to include: Defense (Material and Munitions): System Name Controlled Technical Information: Center Frequency/Lower Band Limit, Upper Band Limit, Emission Bandwidth, Rx IF Bandwidth Critical Information (Operations Security). Latitude/Longitude, Area of Operation, Alternate Frequency Assignment.	Sensitive	February 21, 2014 DoD CIO Letter to Assistant Secretary of Commerce for Communications and Information concerning determination that this transition plan contains information for which there is a legal basis for nondisclosure and that public disclosure of which would be detrimental to national security, Executive Order 13556: Controlled Unclassified Information, and DoD Manual 5200.01, DoD Information Security Program: Controlled Unclassified Information, Volume 4, February 24, 2012

PGM

N 036003	Frequency parameters of USN PGM	Classified	20080728 C5513.2 BENCL113, PMA201
N 036004	Frequency parameters of USN PGM	Classified	20080728 C5513.2 BENCL113, PMA201
N 044843	Frequency parameters of USN PGM	Classified	20080728 C5513.2 BENCL113, PMA201
N 044844	Frequency parameters of USN PGM	Classified	20080728 C5513.2 BENCL113, PMA201
N 044880	Frequency parameters of USN PGM	Classified	20080728 C5513.2 BENCL113, PMA201
N 044881	Frequency parameters of USN PGM	Classified	20080728 C5513.2 BENCL113, PMA201
N 088081	Frequency parameters of USN PGM	Classified	20080728 C5513.2 BENCL113, PMA201
N 088085	Frequency parameters of USN PGM	Classified	20080728 C5513.2 BENCL113, PMA201
N 095421	Frequency parameters of USN PGM	Classified	20080728 C5513.2 BENCL113, PMA201

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 Tab G: Identification of Excluded Classified and Sensitive Information

Serial Number	Description of Classified or Sensitive Information	Reason for Exclusion	Reference
N 095427	Frequency parameters of USN PGM	Classified	20080728 C5513.2 BENCL113, PMA201
N 099937	Frequency parameters of USN PGM	Classified	20080728 C5513.2 BENCL113, PMA201
N 099938	Frequency parameters of USN PGM	Classified	20080728 C5513.2 BENCL113, PMA201
N 947215	Frequency parameters of USN PGM	Classified	20080728 C5513.2 BENCL113, PMA201
N 947225	Frequency parameters of USN PGM	Classified	20080728 C5513.2 BENCL113, PMA201
N 948077	Frequency parameters of USN PGM	Classified	20080728 C5513.2 BENCL113, PMA201
N 948097	Frequency parameters of USN PGM	Classified	20080728 C5513.2 BENCL113, PMA201

	Factor	Impact on Fulfillment of Transition Plan
1	Availability of Spectrum Relocation Fund (SRF) Funding	All timelines in this plan are based on the assumption that funding will be received three months after the close of the auction. Should the receipt of funds change, timelines may need to be adjusted accordingly.
2	Availability of Frequency Assignment Authorizations	As described in Tab I, this Transition Plan is based heavily on the DoD Alternative Proposal and its success is critically dependent on the interaction of a number of interdependent elements including those activities of other federal agencies (e.g. DOJ Transition Plan). A number of these elements involve either replacing or modifying systems that will operate in alternate frequency bands. There will be a very large number of new frequency authorizations required in order to support the new operations. New authorizations must be in place prior to existing operations or authorizations being able to be terminated in the 1755-1780 MHz band. Given the large number of new frequency proposals that must be worked through the process and completed, there is concern that all necessary actions can be completed in time to support all of the new operations.
3	Licensee Coordination With DoD organizations	To preclude any misunderstanding or misinterpretation, potential licensees must be advised that the DoD will provide direction to the military Services and other defense agencies to refer all requests for spectrum relocation information initiated by commercial wireless providers or their agents to the DoD CIO, Spectrum Policy and Program Directorate. The DoD CIO will establish a single focal point that will be responsible for establishing and overseeing procedures to facilitate information exchange between the DoD and wireless licensees.
4	Availability of Spectrum Relocation Fund (SRF) Funding to provide a Coordination Portal Capability.	The coordination process that wireless licensees will be required to follow includes the DoD requirement to perform associated analyses of potential interference from wireless licensee build-out plans. The DoD will, by necessity, be required to respond to numerous industry coordination requests on specific timelines. This coordination effort will be conducted through a DoD web-based portal capability, which will require time to develop and implement. Given that SRF funding to initiate the development of the DoD portal will not be available until months after the auction and award of licenses, a full coordination capability will not be in operation until early 2016, at the earliest. (Note: A lesson learned from the 1710-1755 MHz auction was that advanced funding to agencies prior to an auction could facilitate enhanced auction revenues and reduced relocation agency timelines. This lesson was the basis for certain language that was incorporated in the Middle Class Tax Relief and Job Creation Act of 2012 which resulted in changes to the Commercial Spectrum Enhancement Act. However, the actual language contained in the Tax Act is such that advanced SRF funding is restricted to a limited set of qualifying costs and are essentially impossible to obtain in a timeframe that actually benefits agencies' advanced preparations for an auction and transition.)
PGM		

	Factor	Impact on Fulfillment of Transition Plan
5	Limited Government staff to work transition	Delays to the transition may result from limited Government staffing to monitor contract performance and provide technical oversight of transition implementation.
6	Limited Contractor staff to work transition	Delays to the transition may result from limited Contractor staffing to complete the non-recurring engineering update and the recurring hardware/software retrofit activities.
7	Timeline to transfer overseas hardware for retrofit	Delays in transfer of overseas hardware from deployed fleet activities may delay the completion of the hardware retrofit.
AMT		
8	Limited manufacturing capacity of vendors of telemetry equipment.	Complete transition may be delayed if manufacturers cannot fulfill equipment orders and provide installation services in a timely manner.
9	Federal Government procurement delays.	Delays to the transition may result from delays in establishing equipment and service contracts.
10	Insufficient temporary mobile telemetry ground stations to sustain range telemetry capacity during the transition.	If temporary mobile telemetry ground stations were not available as required by the Transition Plan, delays to the modification of telemetry ground stations would result and would cause delays to the overall transition out of the band.
11	Weather Conditions	This transition plan is dependent on installation of new equipment on exterior (outside) aeronautical mobile telemetry sites at the USN NAWC AD Patuxent River MD installation which could be delayed due to extensive winter (cold) and summer (extreme heat index) weather conditions.
12	Access to Comparable Spectrum (Regulatory)	*****
13	Technical Solutions	Another primary factor that will limit the implementation of this transition is obtaining the minimum necessary funding (identified in this transition plan) in order to implement the identified mandatory technical solutions in this plan. These technical solutions will increase the spectrum efficiency and multi-band flexibility of the AMT operations in order to meet customer demands at high-density locations like the Navy's premier Research, Development, Test and Evaluation (RDT&E) facilities of the Naval Air Warfare Centers (Aircraft Division - AD; and Weapons Division - WD). These technical solutions are necessary in order to meet these RDT&E requirements with reduced operating bandwidth above 1780 MHz coupled with the other DOD and Federal users now pursuing this same compressed 70 MHz of spectrum.
14	Spectrum Monitoring Equipment	Spectrum monitoring equipment is a key aspect of the Navy's ability to monitor, locate and enforce spectrum usage in a new severely congested and compressed part of the RF spectrum above 1780 MHz. Additionally, at locations like the NAWCs, spectrum sharing in the 2025 - 2110 MHz will be prevalent and must be monitored to ensure interference free operations for all spectrum users. We will be unable to implement and execute this transition plan without spectrum monitoring and location systems at our installations.
TRR		

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Tab H: Factors

	Factor	Impact on Fulfillment of Transition Plan
15	Ship availability schedules	Installation dependent upon availability of ships to install

For each of the frequency entries within Tab C that are labeled as "Vacate With Temp", the following stipulation applies. The concept of "temporary sharing" is subject to several conditions. These include: the requirement for the 1755-1780 MHz Early Entry Portal to be operational to handle coordination requests; coordination requests will be addressed on a site-by-site basis and sharing conditions shall be approved by the Military test and/or training range affected; sharing consideration will be assessed based on industry build-out/deployment plans and incumbent DoD operations; and a recognition that industry be aware that sharing may be assessed as **not feasible** for an extended period of time. Industry should not assume that a label of "Vacate With Temp" indicates that sharing for that frequency is in any way assured. The label only means that DoD is agreeable to determine if sharing is feasible in response to individual industry coordination requests."

Note 1 (See Tab E)

Note 2(See Tab C)

Note 1 (See Tab C)

PGM

AMT

Additional Considerations:

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Tab I: Additional Information

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Tab I: Additional Information

ACTS

TRR

Note 1 (See Tab C)

Note 2 (See Tab C)

Note 3 (See Tab C)

TT&C
