

UNCLASSIFIED/CLEARED FOR PUBLIC RELEASE

**National Aeronautics and Space Administration (NASA)
Transition Plan for the 1755-1780 MHz Band**

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Certification regarding Classified and Sensitive Information:

I, Victor D. Sparrow, certify that this transition plan, is cleared for release to the public and contains no classified or sensitive information. As applicable: A separate Annex containing a complete transition plan including all classified and sensitive data is provided under separate cover via authorized channels.



Name: Victor D. Sparrow
Title: Director, Spectrum Policy and Planning
National Aeronautics and Space Administration

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Tab B: General Information

1	This Transition Plan includes pre-auction planning costs, as defined in Section O.2 of Annex O:	
	a. Total pre-auction planning costs:	\$0.572
	b. The subtotal amount, if any, of pre-auction planning costs requested for pre-auction transfer:	\$0.000
	c. The subtotal amount, if any, of pre-auction planning costs incurred after June 28, 2010, but before February 22, 2012:	\$0.547
	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.	No
3	There is additional information required to be included in the Transition Plan that is not included in this document because it is <u>sensitive</u> information, as defined in Section O.7 of Annex O.	No
4	a. Name of Responsible Officer: Victor D. Sparrow	
	b. (Optional) Office:	
	c. (Optional) Telephone Number:	
	d. (Optional) E-mail:	
5	Total Transition Plan Cost (\$M):	\$1.537

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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	Authorized Area of Operation	TX State	TX Latitude	TX Longitude	RX State	RX Latitude	RX Longitude	Sharing/ Relocation	Alternate Frequency Assignment (MHz)	Transition Timeline (Months)
NASA940130	1780.5		25	29.7	LARC	Telemetry	LaRC Research Aircraft	NC, VA, MD, DE	VA	370507N	0762244W	US	AIR	AIR	Vacate NO Temp	4400-4940	21

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Tab D: Transition Timeline

Serial Number	Geographic Location	Timeline (Months after Transition Start)		
		Temporary Sharing	Indefinite Sharing	Vacate Assignment
NASA940130	NASA, VA, MD, DE	N/A	N/A	21

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

System Name	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
LaRC Research Aircraft	LARC	0.025	0.000	0.000	0.840	0.125	\$ 0.990	6	18			Re-engineering of system to different frequency band and purchase of new equipment
Alternate Band Engineering Studies	HQ	0.547	0.000	0.547	0.000	0.000	\$ 0.547	1	1			Analysis of 2015-2110 MHz and 2200-2290 MHz bands for relocation of federal systems from 1755-1850 MHz.

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Tab F: NTIA Interactions

	Interaction required with NTIA to implement this Transition Plan
1	

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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

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Tab H: Factors that could Impact Fulfillment of Transition Plan

	Factor	Impact on Fulfillment of Transition Plan
1	Classified or Sensitive Information that is not releasable to the public is included in the Transition Plan.	Not applicable.
2		

