

**Department of the Treasury (Treasury)
Transition Plan for the 1755-1780 MHz Band**

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Certification regarding Classified and Sensitive Information:

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

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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:	\$0.000	
	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:	\$0.000	
	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: Ralph Robles		
	b. (Optional) Office: TIGTA/TFSD		
	c. (Optional) Telephone Number: 202-285-7980		
	d. (Optional) E-mail: ralph.robles@tigta.treas.gov		
5	Total Transition Plan Cost (\$M):	\$7.801	

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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	Transition Timeline (Months)
T 060040	1760 MHz		6	6	IRS-CI	Video	CI TECHOPS	USP	USP	XXXXXXN	XXXXXXXXW	USP	XXXXXXN	XXXXXXXXW	Vacate NO Temp	2200 - 2290 MHz	12
T 020185	1765 MHz		6	6	TIGTA	Video	TIGTA TECHOPS	USP	USP	XXXXXXN	XXXXXXXXW	USP	XXXXXXN	XXXXXXXXW	Vacate NO Temp	2200 - 2290 MHz	12

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Tab D: Transition Timeline

Serial Number	Geographic Location	Timeline (Months after Transition Start)		
		Temporary Sharing	Indefinite Sharing	Vacate Assignment
T 060040	USP	NOT APPLICABLE	NOT APPLICABLE	Within 12 months
T 020185	USP	NOT APPLICABLE	NOT APPLICABLE	Within 12 months

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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
CI TECHOPS	IRS-CI	0.000	0.000	0.000	6.521	1.040	\$ 7.561	6	60	0	N/A	Funds required to replace antiquated, analog equipment. The equipment is channelized so is still useable. However, the lost of one frequency cuts down the number of available channels by 33% (1 of 3 available) which diminishes efforts to avoid interference in this very congested band. Procurement of spectrally efficient COFDM equipment will help avoid interference when encountered.
TIGTA TECHOPS	TIGTA	0.000	0.000	0.000	0.113	0.128	\$ 0.240	6	12	0	N/A	Procurement of replacement digital COFDM microwave equipment and IP-based systems which are more spectrally efficient than the current wideband analog equipment.

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Tab F: NTIA Interactions

Interaction required with NTIA to implement this Transition Plan	
1	<p>In order to execute this plan, it is necessary for NTIA to assign frequencies to IRS-CI in the 2.2 to 2.29 GHz range. IRS-CI currently does not have any frequencies in the S band. IRS-CI will be transitioning its existing L band equipment into more spectrally efficient digital COFDM frequencies in the S Band. Commercial services may no longer be a viable option for most operations due to the removal of the unlimited data plans for federal users. Commercial services may continue to be used on a limited basis for very short-term operations. The majority of the transition plan will rely on vacating the L band and switching to the S Band.</p>

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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
	NONE		

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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	Obtaining Replacement Frequencies	Additional frequencies is requested in the S Band (2.2 - 2.29 GHz) to replace the loss of these frequencies.
3	Availability of Equipment	Potential delays could occur if there was a lack of available replacment equipment.

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Tab I: Additional Information

Although both TIGTA and IRS – CI believe they will be able to vacate the affected frequencies within 12 months of receipt of funding, they both believe it will take up to 5 years (60 months) to reach comparable capability. The reason for this extended time is because the small disguised video transmitter equipment is currently not available and to allow for further advancement in the microwave arena.