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TREAS\TREAS 1755-1780 (Rev. 7) (Sufficient)

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TREAS\TREAS 1755-1780 (Rev. 7) (Sufficient) - Freq-Geo Transition Timeline

Serial Number	System Name	Center Lower Frequency (MHz)	Upper Frequency (MHz)	Emission Bandwidth (MHz)	Receiver Bandwidth	System Use Type Name	Operation Area	Transmitter State	Transmitter Latitude	Transmitter Longitude
T020185	TIGTA Techops	1765		6	6	Video	USP	USP	xxxxxxx	xxxxxxxx
T060040	CI Techops	1760		6	6	Video	USP	USP	xxxxxxx	xxxxxxxx

TREAS\TREAS 1755-1780 (Rev. 7) (Sufficient) - Freq-Geo Transition Timeline

Serial Number	Receiver State	Receiver Latitude	Receiver Longitude	Alternate Frequency Assignment	Geographic Location associated with Timeline	Sharing Type	Temporary Sharing Timeline (Months After 1/31/2015)	Indefinite Sharing Timeline (Months After 1/31/2015)	Vacate Assignment Timeline (Months After 1/31/2015)
T020185	USP	xxxxxxx	xxxxxxxx	2200-2290 MHz	USP	None			12
T060040	USP	xxxxxxx	xxxxxxxx	2200-2290 MHz	USP	None			12

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TREAS\TREAS 1755-1780 (Rev. 7) (Sufficient) - Funds

System Name	Total Pre-Auction Cost (\$M)	Pre-Auction Transfer Requested (\$M)	Equipment Cost (\$M)	Deployment Cost (\$M)	Total Cost (\$M)	Begin Expenditure Timeline (Months)	End Expenditure Timeline (Months)	Expanded Capability Cost (\$M)
CI Techops	0.0000	0.0000	6.5210	1.0400	7.5610	6	74	
TIGTA Techops	0.0000	0.0000	0.1130	0.1280	0.2410	6	77	
Total	0.0000	0.0000	6.6340	1.1680	7.8020			0.0000

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System Name	Expanded Capability Description	Expanded Capability Justification
CI Techops	Requesting 14 month extension for CI Techops (revised timeline to 74 months) or by 09/2021	Funds required to replace antiquated, analog equipment. The equipment is channelized so is still useable. However, the loss 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	Requesting 10 month extension for TIGTA Ops (revised timeline to 77 months) or by 12/2021. See Rev 6 under NOTES.	Procurement of replacement digital COFDM microwave equipment and IP-based systems which are more spectrally efficient than the current wideband analog equipment.
Total		

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TREAS\TREAS 1755-1780 (Rev. 7) (Sufficient) - Interactions

Interaction Name	Interaction Description
1	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 transistioning 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.

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TREAS\TREAS 1755-1780 (Rev. 7) (Sufficient) - Impact Factors

Factor Name	Factor Description
1-Obtaining Replacment Frequencies	Additional frequencies are requested in the S Band (2.2-2.29 GHz) to replace the loss of these frequencies.
2- Availability of Equipment	Potential Delays could occur if there was a lack of available replacement equipment.

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TREAS\TREAS 1755-1780 (Rev. 7) (Sufficient) - Notes

Note Name	Note Text
Comparable Capability	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.
Rev. 5 Changes	CI Techops operations requesting a 14 month extension from 60 months or by 07/2020 to 74 months or by 09/2021. Treasury's Counter Intelligence operators have utilized \$3 million of the ~\$4.7 million remaining during FY20, but due to the current pandemic and an agency reorganization, project completion and procurement efforts have been delayed. Extension will allow CI time to appropriately close out program efforts. TIGTA Techops, requesting a 7 month extension from 60 months or by 07/2020 to 67 months or by 02/2021. The Department of the Treasury is working to close out and utilizing the remainder of funds available, but due to the pandemic, service requests have been delayed. To allow for sufficient time to close out contracts, an extension until 2/2021, has been requested.
Rev. 7 Changes	TIGTA Techops requesting a 10 month extension from 67 months or by 02/2021 to 77 months or by 12/2021. The Department of the Treasury is working to close out and utilizing the remainder of funds available and has decreased funds considerably in 2020, but due to the pandemic and moving one contract to be funded differently, exhaustion has been delayed. To allow for sufficient time to execute a final contract, an extension until 12/2021 has been requested.

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TREAS\TREAS 1755-1780 (Rev. 7) (Sufficient) - Excluded Info

Table	Row	Column	Agency Marking	Reference
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