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DOC\NOAA 1755-1780 (Rev. 1) (Complete)

Submitted:

Approved:

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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
C121131	UAV TRAINING	1768		5	5	UAS	7	FL	275048N	0823013W
C131126	UAV ENVIRONMENTAL STUDIES	1768		5	5	UAS	81	FL	242700N	0811100W
C131146	UAV ENVIRONMENTAL STUDIES	1758		5	5	UAS	50	LA	302800N	0894200W
C131148	UAV ENVIRONMENTAL STUDIES	1765		5	5	UAS	22	AK	572100N	1521900W
C141126	UAV ENVIRONMENTAL STUDIES	1759		5	5	UAS	3	MA	422000N	0702000W
C940165	NEXRAD_MLOS LA	1767.5		1.6	1.6	Microwave	Microwave Link	CA	342442N	1191043W
C940489	NEXRAD_MLOS MISSOULA	1767.5		6	6	Microwave	Microwave Link	MT	465529N	1140524W

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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)
C121131	FL	275048N	0823013W	NIB	AAO	None			9
C131126	FL	242700N	0811100W	NIB	AAO	None			9
C131146	LA	302800N	0894200W	NIB	AAO	None			9
C131148	AK	572100N	1521900W	NIB	AAO	None			9
C141126	MA	422000N	0702000W	NIB	AAO	None			9
C940165	CA	341226N	1190816W	Commercial	AAO	None			16
C940489	MT	470228N	1135910W	Commercial	AAO	None			22

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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)
NEXRAD_MLOS LA	0.0000	0.0000	0.0050	0.1700	0.1750	6	60	
NEXRAD_MLOS MISSOULA	0.0000	0.0000	0.0050	0.1700	0.1750	6	60	
UAV ENVIRONMENTAL STUDIES	0.0000	0.0000	0.0000	0.0000	0.0000			
UAV TRAINING	0.0000	0.0000	0.0000	0.0000	0.0000			
Total	0.0000	0.0000	0.0100	0.3400	0.3500			0.0000

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System Name	Expanded Capability Description	Expanded Capability Justification
NEXRAD_MLOS LA		
NEXRAD_MLOS MISSOULA		
UAV ENVIRONMENTAL STUDIES		
UAV TRAINING		
Total		

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DOC\NOAA 1755-1780 (Rev. 1) (Complete) - Interactions

Interaction Name	Interaction Description
None	None

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DOC\NOAA 1755-1780 (Rev. 1) (Complete) - Impact Factors

Factor Name	Factor Description
None	None

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DOC\NOAA 1755-1780 (Rev. 1) (Complete) - Notes

Note Name	Note Text
1. Summary	The National Weather service has made use of microwave links in the 1755-1780 MHz band for relaying NEXRAD radar data from the radar site(s) to the applicable operations center. This transition plan provides for the replacement of those remaining links with commercially-leased bandwidth.
2. Details	Two remaining sites employ microwave relay links in the band 1755-1780 MHz: Los Angeles/Oxnard, California, and Missoula, Montana. Upon receipt of transition funds, NOAA/NWS will undertake to lease necessary point-to-point bandwidth and remove the associated government-owned microwave equipment. As the currently-installed equipment is considered to have remaining economic lifetime in excess of five-years, NOAA/NWS is seeking reimbursement for estimated installation and recurring lease costs for five years. (The Los Angeles/Oxnard link will be given priority for removal/replacement owing to that region's high rank in the list of economic areas being offered to commercial wireless entities.)
3. Note	For simplicity, the authorized AOA for assignments C131126, C131146, and C131148 is provided in Tab C (column I) as the radius (in km) of a circle centered on the given TX/RX latitude/longitude that circumscribes the actual authorization which was defined by polygons; thus, the actual authorization covers a smaller overall area than implied by the point/circle definition.

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DOC\NOAA 1755-1780 (Rev. 1) (Complete) - Excluded Info

Table	Row	Column	Agency Marking	Reference
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