

Releasable

DOD\N 3450-3550 (Rev. 1) (Sufficient)

Submitted: 4/9/2021

Approved: 4/29/2021

	<i>First Name</i>	<i>Last Name</i>	<i>Office/Title</i>	<i>Phone Number</i>	<i>E-mail</i>
<i>Primary Contact</i>	Arthur	DeLeon	DON CIO	703-697-0032	arthur.deleon@navy.mil
<i>Responsible Officer</i>	Elvira	Pearce	DON CIO	703-614-1455	elvira.pearce@navy.mil
<i>Alternate Contact</i>	Duane	Vandross	DON CIO	703-695-1893	duane.vandross@navy.mil

DOD\N 3450-3550 (Rev. 1) (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
N097072	DON RDTE	*****	*****	*****	*****	Other	*****	OR	*****	*****
N147286	DON RDTE	*****	*****	*****	*****	Other	*****	CA	*****	*****
N156801	DON RDTE	*****	*****	*****	*****	Other	*****	CA	*****	*****
N158049	DON SIMULATOR	*****	*****	*****	*****	Fixed Radar	*****	WA	*****	*****
N168048	DON RADIOLOCATION	*****	*****	*****	*****	Shipborne Radar	*****	WA	*****	*****
N173333	DON SIMULATOR	*****	*****	*****	*****	Shipborne Radar	*****	NJ	*****	*****
N173936	DON RDTE	*****	*****	*****	*****	Other	*****	MS	*****	*****
N174604	DON RADIOLOCATION	*****	*****	*****	*****	Fixed Radar	*****	MD	*****	*****
N174605	DON RADIOLOCATION	*****	*****	*****	*****	Fixed Radar	*****	MD	*****	*****
N176742	DON RDTE	*****	*****	*****	*****	Other	*****	CA	*****	*****
N176743	DON RDTE	*****	*****	*****	*****	Other	*****	CA	*****	*****
N183381	DON RDTE	*****	*****	*****	*****	Other	*****	FL	*****	*****
N183382	DON RDTE	*****	*****	*****	*****	Other	*****	MD	*****	*****
N183550	DON RDTE	*****	*****	*****	*****	Other	*****	VA	*****	*****
N183583	DON RDTE	*****	*****	*****	*****	Other	*****	RI	*****	*****
N184551	DON SIMULATOR	*****	*****	*****	*****	Fixed Radar	*****	MD	*****	*****
N184554	DON SIMULATOR	*****	*****	*****	*****	Fixed Radar	*****	MD	*****	*****
N184555	DON SIMULATOR	*****	*****	*****	*****	Fixed Radar	*****	MD	*****	*****
N193316	DON RDTE	*****	*****	*****	*****	Other	*****	MD	*****	*****
N193344	DON RDTE	*****	*****	*****	*****	Other	*****	VA	*****	*****
N193443	DON RDTE	*****	*****	*****	*****	Other	*****	ME	*****	*****
N193485	DON RADIOLOCATION	*****	*****	*****	*****	Shipborne Radar	*****	TX	*****	*****
N193490	DON RADIOLOCATION	*****	*****	*****	*****	Shipborne Radar	*****	LA	*****	*****
N193492	DON RADIOLOCATION	*****	*****	*****	*****	Shipborne Radar	*****	AL	*****	*****
N193493	DON RADIOLOCATION	*****	*****	*****	*****	Shipborne Radar	*****	FL	*****	*****
N193498	DON RADIOLOCATION	*****	*****	*****	*****	Shipborne Radar	*****	GA	*****	*****

Releasable

DOD\N 3450-3550 (Rev. 1) (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 Auction Close)	Indefinite Sharing Timeline (Months After Auction Close)	Vacate Assignment Timeline (Months After Auction Close)
N097072	OR	*****	*****		AOA	Indefinite		9	
N147286	CA	*****	*****		AOA	Indefinite		9	
N156801	CA	*****	*****		AOA	Indefinite		9	
N158049	WA	*****	*****		AOA	Indefinite		9	
N168048	WA	*****	*****		AOA	Indefinite		9	
N173333	NJ	*****	*****		AOA	Indefinite		9	
N173936	MS	*****	*****		AOA	Indefinite		9	
N174604	MD	*****	*****		AOA	Indefinite		9	
N174605	MD	*****	*****		AOA	Indefinite		9	
N176742	CA	*****	*****		AOA	Indefinite		9	
N176743	CA	*****	*****		AOA	Indefinite		9	
N183381	FL	*****	*****		AOA	Indefinite		9	
N183382	MD	*****	*****		AOA	Indefinite		9	
N183550	VA	*****	*****		AOA	Indefinite		9	
N183583	RI	*****	*****		AOA	Indefinite		9	
N184551	MD	*****	*****		AOA	Indefinite		9	
N184554	MD	*****	*****		AOA	Indefinite		9	
N184555	MD	*****	*****		AOA	Indefinite		9	
N193316	MD	*****	*****		AOA	Indefinite		9	
N193344	VA	*****	*****		AOA	Indefinite		9	
N193443	ME	*****	*****		AOA	Indefinite		9	
N193485	TX	*****	*****		AOA	Indefinite		9	
N193490	LA	*****	*****		AOA	Indefinite		9	
N193492	AL	*****	*****		AOA	Indefinite		9	
N193493	FL	*****	*****		AOA	Indefinite		9	
N193498	GA	*****	*****		AOA	Indefinite		9	

DOD\N 3450-3550 (Rev. 1) (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
N193499	DON RADIOLOCATION	*****	*****	*****	*****	Shipborne Radar	*****	SC	*****	*****
N193500	DON RADIOLOCATION	*****	*****	*****	*****	Shipborne Radar	*****	NC	*****	*****
N193502	DON RADIOLOCATION	*****	*****	*****	*****	Shipborne Radar	*****	MD	*****	*****
N193503	DON RADIOLOCATION	*****	*****	*****	*****	Shipborne Radar	*****	PA	*****	*****
N193504	DON RADIOLOCATION	*****	*****	*****	*****	Shipborne Radar	*****	NJ	*****	*****
N193505	DON RADIOLOCATION	*****	*****	*****	*****	Shipborne Radar	*****	NY	*****	*****
N193506	DON RADIOLOCATION	*****	*****	*****	*****	Shipborne Radar	*****	MA	*****	*****
N193507	DON RADIOLOCATION	*****	*****	*****	*****	Shipborne Radar	*****	ME	*****	*****
N193538	DON RADIOLOCATION	*****	*****	*****	*****	Shipborne Radar	*****	VA	*****	*****
N193631	DON RADIOLOCATION	*****	*****	*****	*****	Shipborne Radar	*****	CT	*****	*****
N193632	DON RADIOLOCATION	*****	*****	*****	*****	Shipborne Radar	*****	NH	*****	*****
N193644	DON RADIOLOCATION	*****	*****	*****	*****	Shipborne Radar	*****	RI	*****	*****
N193645	DON RADIOLOCATION	*****	*****	*****	*****	Shipborne Radar	*****	DE	*****	*****
N194127	DON RDTE	*****	*****	*****	*****	Other	*****	VA	*****	*****
N194617	DON RDTE	*****	*****	*****	*****	Other	*****	MD	*****	*****
N194622	DON RDTE	*****	*****	*****	*****	Other	*****	MD	*****	*****
N197022	DON RADIOLOCATION	*****	*****	*****	*****	Shipborne Radar	*****	CA	*****	*****
N198081	DON RADIOLOCATION	*****	*****	*****	*****	Shipborne Radar	*****	WA	*****	*****

Releasable

DOD\N 3450-3550 (Rev. 1) (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 Auction Close)	Indefinite Sharing Timeline (Months After Auction Close)	Vacate Assignment Timeline (Months After Auction Close)
N193499	SC	*****	*****		AOA	Indefinite		9	
N193500	NC	*****	*****		AOA	Indefinite		9	
N193502	MD	*****	*****		AOA	Indefinite		9	
N193503	PA	*****	*****		AOA	Indefinite		9	
N193504	NJ	*****	*****		AOA	Indefinite		9	
N193505	NY	*****	*****		AOA	Indefinite		9	
N193506	MA	*****	*****		AOA	Indefinite		9	
N193507	ME	*****	*****		AOA	Indefinite		9	
N193538	VA	*****	*****		AOA	Indefinite		9	
N193631	CT	*****	*****		AOA	Indefinite		9	
N193632	NH	*****	*****		AOA	Indefinite		9	
N193644	RI	*****	*****		AOA	Indefinite		9	
N193645	DE	*****	*****		AOA	Indefinite		9	
N194127	VA	*****	*****		AOA	Indefinite		9	
N194617	MD	*****	*****		AOA	Indefinite		9	
N194622	MD	*****	*****		AOA	Indefinite		9	
N197022	CA	*****	*****		AOA	Indefinite		9	
N198081	WA	*****	*****		AOA	Indefinite		9	

DOD\N 3450-3550 (Rev. 1) (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
N198099	DON RADIOLOCATION	*****	*****	*****	*****	Shipborne Radar	*****	OR	*****	*****
N198123	DON RDTE	*****	*****	*****	*****	Other	*****	WA	*****	*****
N204586	DON RDTE	*****	*****	*****	*****	Other	*****	MD	*****	*****
N204587	DON RDTE	*****	*****	*****	*****	Other	*****	MD	*****	*****
N204588	DON RDTE	*****	*****	*****	*****	Other	*****	MD	*****	*****
N204589	DON RDTE	*****	*****	*****	*****	Other	*****	MD	*****	*****
N204590	DON RDTE	*****	*****	*****	*****	Other	*****	MD	*****	*****
N204591	DON RDTE	*****	*****	*****	*****	Other	*****	MD	*****	*****
N204592	DON RDTE	*****	*****	*****	*****	Other	*****	MD	*****	*****
N204593	DON RDTE	*****	*****	*****	*****	Other	*****	MD	*****	*****
N204594	DON RDTE	*****	*****	*****	*****	Other	*****	MD	*****	*****
N204595	DON RDTE	*****	*****	*****	*****	Other	*****	MD	*****	*****
N204596	DON RDTE	*****	*****	*****	*****	Other	*****	MD	*****	*****
N204597	DON RDTE	*****	*****	*****	*****	Other	*****	MD	*****	*****
N204598	DON RDTE	*****	*****	*****	*****	Other	*****	MD	*****	*****
N204599	DON RDTE	*****	*****	*****	*****	Other	*****	MD	*****	*****
N204600	DON RDTE	*****	*****	*****	*****	Other	*****	MD	*****	*****
N204601	DON RDTE	*****	*****	*****	*****	Other	*****	MD	*****	*****
N204602	DON RDTE	*****	*****	*****	*****	Other	*****	MD	*****	*****
N204603	DON RDTE	*****	*****	*****	*****	Other	*****	MD	*****	*****
N204604	DON RDTE	*****	*****	*****	*****	Other	*****	MD	*****	*****
N204605	DON RDTE	*****	*****	*****	*****	Other	*****	MD	*****	*****
N208002	DON RDTE	*****	*****	*****	*****	Other	*****	WA	*****	*****
N208270	DON RDTE	*****	*****	*****	*****	Other	*****	WA	*****	*****

Releasable

DOD\N 3450-3550 (Rev. 1) (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 Auction Close)	Indefinite Sharing Timeline (Months After Auction Close)	Vacate Assignment Timeline (Months After Auction Close)
N198099	OR	*****	*****		AOA	Indefinite		9	
N198123	WA	*****	*****		AOA	Indefinite		9	
N204586	MD	*****	*****		AOA	Indefinite		9	
N204587	MD	*****	*****		AOA	Indefinite		9	
N204588	MD	*****	*****		AOA	Indefinite		9	
N204589	MD	*****	*****		AOA	Indefinite		9	
N204590	MD	*****	*****		AOA	Indefinite		9	
N204591	MD	*****	*****		AOA	Indefinite		9	
N204592	MD	*****	*****		AOA	Indefinite		9	
N204593	MD	*****	*****		AOA	Indefinite		9	
N204594	MD	*****	*****		AOA	Indefinite		9	
N204595	MD	*****	*****		AOA	Indefinite		9	
N204596	MD	*****	*****		AOA	Indefinite		9	
N204597	MD	*****	*****		AOA	Indefinite		9	
N204598	MD	*****	*****		AOA	Indefinite		9	
N204599	MD	*****	*****		AOA	Indefinite		9	
N204600	MD	*****	*****		AOA	Indefinite		9	
N204601	MD	*****	*****		AOA	Indefinite		9	
N204602	MD	*****	*****		AOA	Indefinite		9	
N204603	MD	*****	*****		AOA	Indefinite		9	
N204604	MD	*****	*****		AOA	Indefinite		9	
N204605	MD	*****	*****		AOA	Indefinite		9	
N208002	WA	*****	*****		AOA	Indefinite		9	
N208270	WA	*****	*****		AOA	Indefinite		9	

Releasable

DOD\N 3450-3550 (Rev. 1) (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)
DON 3450-10-USMC Engineering Analysis & Operational Compliance	0.0000	0.0000	0.0000	3.9230	3.9230	1	120	
DON 3450-11-USN Test Range EMSO & Verification/Compliance	0.0000	0.0000	36.0000	18.0100	54.0100	1	120	
DON 3450-12-USN (SESEF) Test Ranges	0.0000	0.0000	1.7000	0.2500	1.9500	1	120	
DON 3450-13-USN Advanced Dynamic Aircraft Measurement Systems	0.0000	0.0000	15.2500	7.7500	23.0000	1	120	
DON 3450-15-USN Training Ranges – Spectrum Sensing	0.0000	0.0000	2.0000	0.2500	2.2500	1	120	
DON 3450-2-USN Ashore/Shipboard CONOPS Verification and Compliance	0.0000	0.0000	8.1000	32.5669	40.6669	1	120	
DON 3450-3-USN Analysis, Engineering, and Coordination	6.6500	6.6500	2.5000	33.4675	42.6175	1	120	
DON 3450-4-USN Future X-Band Radar (FXR)	0.0000	0.0000	1367.9041	9795.1334	11163.0375	1	228	
DON 3450-5-USN Engineering Change-Antenna Pattern Notching	0.0000	0.0000	71.8516	86.9232	158.7748	1	120	
DON 3450-7-Headquarters USMC (HQMC) Transition Management Support	0.0000	0.0000	0.0000	4.9303	4.9303	1	120	
DON 3450-8-USMC Commercial Industry Deployment Coordination	6.9000	6.9000	0.0000	2.6106	9.5106	1	120	
DON 3450-9 USMC Future Radar System Modification	0.0000	0.0000	90.0000	419.0000	509.0000	1	120	
DON RADIOLOCATION	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000
DON RDTE	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000

Releasable

DOD\N 3450-3550 (Rev. 1) (Sufficient) - Funds

System Name	Expanded Capability Description	Expanded Capability Justification
DON 3450-10-USMC Engineering Analysis & Operational Compliance		
DON 3450-11-USN Test Range EMSO & Verification/Compliance		
DON 3450-12-USN (SESEF) Test Ranges		
DON 3450-13-USN Advanced Dynamic Aircraft Measurement Systems		
DON 3450-15-USN Training Ranges – Spectrum Sensing		
DON 3450-2-USN Ashore/Shipboard CONOPS Verification and Compliance		
DON 3450-3-USN Analysis, Engineering, and Coordination		
DON 3450-4-USN Future X-Band Radar (FXR)		
DON 3450-5-USN Engineering Change-Antenna Pattern Notching		
DON 3450-7-Headquarters USMC (HQMC) Transition Management Support		
DON 3450-8-USMC Commercial Industry Deployment Coordination		
DON 3450-9 USMC Future Radar System Modification		
DON RADIOLOCATION		
DON RDTE		

Releasable

DOD\N 3450-3550 (Rev. 1) (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)
DON SIMULATOR	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000
DON-3450-01---DON CIO Oversight and Implementation	5.6000	5.6000	0.0000	5.6058	11.2058	1	132	
DON-3450-14---USN Training Ranges – Codify CONOPS/TTPs	0.1500	0.1500	3.7500	0.0000	3.9000	1	120	
<b>Total</b>	19.3000	19.3000	1599.0557	10410.4207	12028.7764			0.0000

Releasable

DOD\N 3450-3550 (Rev. 1) (Sufficient) - Funds

System Name	Expanded Capability Description	Expanded Capability Justification
DON SIMULATOR		
DON-3450-01---DON CIO Oversight and Implementation		
DON-3450-14---USN Training Ranges – Codify CONOPS/TTPs		
<b>Total</b>		

Releasable

DOD\N 3450-3550 (Rev. 1) (Sufficient) - Interactions

Interaction Name	Interaction Description
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).

**Releasable**

**DOD\N 3450-3550 (Rev. 1) (Sufficient) - Impact Factors**

Factor Name	Factor Description
Coordination Portal Capability	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)."
Weather Conditions	This transition plan is dependent on installation of new equipment on exterior (outside) all Dept Navy Sites could be impacted, installation which could be delayed due to extensive winter (cold) and summer (extreme heat index) weather conditions.
Federal Government Procurement Delays	Delays to the transition may result from delays in establishing equipment and service contracts.
Incumbent Support	Incumbents will support interference testing to determine feasibility of co-existence and necessary equipment alterations, and they will support as necessary to address interference issues.
Limited Manufacturing Capacity of Vendors	Limited manufacturing capacity of vendors of equipment and impact of COVID-19 on manufacturers. Complete transition may be delayed if manufacturers cannot fulfil equipment orders and provide installation services in a timely manner.
Natural Disasters	Natural Disasters can cause impacts to SRF programs, performance, cost and schedule. Examples include, but are not limited to: Tropical Storms, Hurricanes, Tornadoes, and Wildfires, etc.
Ship Availability Schedules	Installation dependent upon availability of ships to install systems and equipment. Scheduling installations may delay transition timeline; ships have competing actions for installation, based on priority and length of an availability. Schedules change, timelines slip, and based on Navy Budgets, availabilities are sometimes canceled to avert budget hurdles.
Technical Solutions/Maturity	Transition Plan/Task -technical solution and maturity. The Transition plans are written to what is known in 2020. Once the transition efforts begin, more effective technology may be available or previously identified equipment may no longer be available. Technical solutions may need to be adjusted accordingly.
Transition Plan Includes Sensitive Information Not Releasable to the Public	In accordance with 47 USC 929 - National Security and Other Sensitive Information, the DoD CIO has determined that there is a legal basis for non-disclosure of certain information and that public disclosure of information designated CUI, taken in the aggregate as presented in this TP, would be detrimental to national security. Withholding the sensitive information has no impact on fulfillment of this transition plan as the protection areas and exclusion zones are already known to the public."

DOD\N 3450-3550 (Rev. 1) (Sufficient) - Notes

Note Name	Note Text
3450-3550 MHz CPA and PUA	<p>Cooperative Planning Areas (CPA): Geographic locations in which non-federal operations shall coordinate with federal systems in the band to deploy non-federal operations, in a manner that shall not cause harmful interference to federal systems operating in the band and to protect non-federal operations from potential harm caused by high powered federal operations.</p> <p>Periodic Use Areas (PUA): Geographic locations where non-federal operations in the band may not cause harmful interference to federal systems operating in the band for episodic periods. During such episodic time periods, non-federal users in PUAs must alter their operations to enable federal systems' temporary use of the band, and during such times, non-federal users may not claim interference protection from federal systems outside of coordination procedures.</p>
5G Assumptions	<p>DoD was required to plan protection to and from 5G. An agreed standard was not available. Special subgroup that included the White House Office of Science and Technology (OSTP), DoD, the Federal Communications Commission (FCC), National Telecommunications and Information Administration (NTIA), and National Science Foundation (NSF) provided 5G assumptions for development of the initial plan. It was concluded that DoD would continue to work towards the topline goals in the Transition Plan by refining the assumptions with industry.</p> <p>(1) 5G Base Station Transmitter Power Output as Effective Isotropic Radiated Power (EIRP): (a) Urban: 1640 watts per megahertz (W/MHz); (b) Non-Urban: 3280 W/MHz</p> <p>(2) 5G Base Station Receiver Characteristics: Interference Power Input Density -35 dBm per meter squared (dBm/m<sup>2</sup>) or 0.01 Volts per meter (V/m)</p> <p>(3) Maximum Power Input: +35 dBm/m<sup>2</sup></p> <p>(4) 1 dB Compression (P1dB): -25 dBm for continuous wave signals referenced at antenna port</p> <p>(5) 20 MHz channels</p> <p>(6) Tower Height of 100 meters: Adjusted due to FCC requirement for an interference reporting declaration boundary</p>

DOD\N 3450-3550 (Rev. 1) (Sufficient) - Notes

Note Name	Note Text
<p>AMBIT Risks and Mitigation to DoD</p>	<p>In achieving the AMBIT Top Line goals, the DoD is accepting some risks and making assumptions that require further definition. The full operating electromagnetic environment is unknown and the definition of it is based on assumptions of 5G characteristics. The network laydowns are not yet available; as such, industry can be engaged to define a network laydown and engineering analysis to define CPAs and PUAs. The impact of ducting, particularly evaporation ducts for the Navy ships, are a known issue. An extensive detailed engineering analysis of the 5G environment and associated ducting can help address this issue. Out-of-band emissions are also a significant risk, in addition to unknown noise levels. Another definable problem includes a need for increased coordination between federal and non-federal entities for AMBIT to be successful. Spectrum compression due to increased number of systems in the lower band needs to be defined. In addition, DoD is incurring cost impacts as a result of increased testing, training, operational and acquisition timelines. This has a direct impact on critical electromagnetic warfare (EW) testing, training and exercise. Conducting analysis, research, and development and equipment modification or replacement to maintain comparable capability can help alleviate some of the unknowns. Potential solutions include but are not limited to:</p> <ul style="list-style-type: none"> <li>a. Backlobe/sidelobe suppression</li> <li>b. Sparse signal processing</li> <li>c. Receiver noise reduction</li> </ul> <p>As the network deploys, verification and validation of the electromagnetic environment can help provide a better picture of the new environment. Development of tools to reduce spectrum dependence from open-air testing and training as well as those to improve the efficiency of spectrum utilization can be utilized to mitigate some of the aforementioned issues. This in turn would assist in maintaining comparable capability and readiness in a shared spectrum environment. With adequate management, oversight and guidance of the transition, the overall transition plans will stand to see more viable success.</p>
<p>Checkpoints</p>	<p>“It is recognized that a number of the identified solutions require further analysis and study. The final solutions will be compliant with allowable relocation or sharing costs and comparable capability of systems 47 USC 923(g)(3). Upon completion of each analysis and study effort, DOD will provide OMB with the results, and describe compliance with 47 USC 923(g)(3) so OMB can address its statutory oversight requirements. If requested, DOD will provide OMB status updates on analysis and study efforts via the SRF Resources Oversight Group (ROG). If required by OMB, DON will update its transition plan as specified in OMB’s “Information for Eligible Federal Entities Related to Spectrum Transition Plan Updates (17-01)” to revise the cost estimate, funds expenditure timelines, or technical approach. No funds will be transferred until OMB has determined the appropriateness of the costs and the timeline for relocation or sharing in accordance with 47 USC 928(d)(2)(B).”</p>
<p>DON-3450-1</p>	<p>*****</p>

Releasable

DOD\N 3450-3550 (Rev. 1) (Sufficient) - Notes

Note Name	Note Text
DON-3450-10	*****
DON-3450-11	*****
DON-3450-12	*****
DON-3450-13	*****
DON-3450-14	*****
DON-3450-15	*****
DON-3450-2	*****
DON-3450-3	*****
DON-3450-4	*****
DON-3450-5	*****
DON-3450-7	*****
DON-3450-8	*****
DON-3450-9	*****
Modification of Assignments	Upon conclusion of the transition, frequency assignments which authorize use in geographical areas that fall outside of CPAs and PUAs listed in US Footnote 431B will be modified to reflect operations shall not cause harmful interference to non-Federal operations in areas outside of the identified CPAs and PUAs.
Project Background	As agreed during the AMBIT effort, DoD will implement sharing via modifications to standard operating procedures (SOPs), tactics, techniques, and procedures (TTPs) or other operational-related means. Modifications to or replacement of some DoD equipment are required to restore comparable capability.
Timing of Funding Both Pre- and Post-Auction	DoD's timelines are based on the assumption that DoD will receive one year of pre-auction funding in FY21, with initial payment no later than April 2021 and post auction funding in FY23Q1 based on December 2021 auction start. If the auction date is accelerated to August 2021, DoD assumes that post-auction funding will be received in FY22Q3. Additionally, DoD's costs and timelines assume that annual SRF disbursements will be received in Q1 of each FY. Should any receipt of funds be delayed, timelines and costs may need to be adjusted accordingly.

Releasable

DOD\N 3450-3550 (Rev. 1) (Sufficient) - Excluded Info

Table	Row	Column	Agency Marking	Reference
Frequencies	N097072	Center Lower Frequency	Operations Security Information	NSDD 298
Frequencies	N097072	Emission Bandwidth	Operations Security Information	NSDD 298
Frequencies	N097072	Operation Area	Operations Security Information	NSDD 298
Frequencies	N097072	Receiver Bandwidth	Operations Security Information	NSDD 298
Frequencies	N097072	Receiver Latitude	Operations Security Information	NSDD 298
Frequencies	N097072	Receiver Longitude	Operations Security Information	NSDD 298
Frequencies	N097072	Transmitter Latitude	Operations Security Information	NSDD 298
Frequencies	N097072	Transmitter Longitude	Operations Security Information	NSDD 298
Frequencies	N097072	Upper Frequency	Operations Security Information	NSDD 298
Frequencies	N147286	Center Lower Frequency	Operations Security Information	NSDD 298

Releasable

DOD\N 3450-3550 (Rev. 1) (Sufficient) - Excluded Info

Table	Row	Column	Agency Marking	Reference
Frequencies	N147286	Emission Bandwidth	Operations Security Information	NSDD 298
Frequencies	N147286	Operation Area	Operations Security Information	NSDD 298
Frequencies	N147286	Receiver Bandwidth	Operations Security Information	NSDD 298
Frequencies	N147286	Receiver Latitude	Operations Security Information	NSDD 298
Frequencies	N147286	Receiver Longitude	Operations Security Information	NSDD 298
Frequencies	N147286	Transmitter Latitude	Operations Security Information	NSDD 298
Frequencies	N147286	Transmitter Longitude	Operations Security Information	NSDD 298
Frequencies	N147286	Upper Frequency	Operations Security Information	NSDD 298
Frequencies	N156801	Center Lower Frequency	Operations Security Information	NSDD 298
Frequencies	N156801	Emission Bandwidth	Operations Security Information	NSDD 298

Releasable

DOD\N 3450-3550 (Rev. 1) (Sufficient) - Excluded Info

Table	Row	Column	Agency Marking	Reference
Frequencies	N156801	Operation Area	Operations Security Information	NSDD 298
Frequencies	N156801	Receiver Bandwidth	Operations Security Information	NSDD 298
Frequencies	N156801	Receiver Latitude	Operations Security Information	NSDD 298
Frequencies	N156801	Receiver Longitude	Operations Security Information	NSDD 298
Frequencies	N156801	Transmitter Latitude	Operations Security Information	NSDD 298
Frequencies	N156801	Transmitter Longitude	Operations Security Information	NSDD 298
Frequencies	N156801	Upper Frequency	Operations Security Information	NSDD 298
Frequencies	N158049	Center Lower Frequency	Operations Security Information	NSDD 298
Frequencies	N158049	Emission Bandwidth	Operations Security Information	NSDD 298
Frequencies	N158049	Operation Area	Operations Security Information	NSDD 298

Releasable

DOD\N 3450-3550 (Rev. 1) (Sufficient) - Excluded Info

Table	Row	Column	Agency Marking	Reference
Frequencies	N158049	Receiver Bandwidth	Operations Security Information	NSDD 298
Frequencies	N158049	Receiver Latitude	Operations Security Information	NSDD 298
Frequencies	N158049	Receiver Longitude	Operations Security Information	NSDD 298
Frequencies	N158049	Transmitter Latitude	Operations Security Information	NSDD 298
Frequencies	N158049	Transmitter Longitude	Operations Security Information	NSDD 298
Frequencies	N158049	Upper Frequency	Operations Security Information	NSDD 298
Frequencies	N168048	Center Lower Frequency	Operations Security Information	NSDD 298
Frequencies	N168048	Emission Bandwidth	Operations Security Information	NSDD 298
Frequencies	N168048	Operation Area	Operations Security Information	NSDD 298
Frequencies	N168048	Receiver Bandwidth	Operations Security Information	NSDD 298

Releasable

DOD\N 3450-3550 (Rev. 1) (Sufficient) - Excluded Info

Table	Row	Column	Agency Marking	Reference
Frequencies	N168048	Receiver Latitude	Operations Security Information	NSDD 298
Frequencies	N168048	Receiver Longitude	Operations Security Information	NSDD 298
Frequencies	N168048	Transmitter Latitude	Operations Security Information	NSDD 298
Frequencies	N168048	Transmitter Longitude	Operations Security Information	NSDD 298
Frequencies	N168048	Upper Frequency	Operations Security Information	NSDD 298
Frequencies	N173333	Center Lower Frequency	Operations Security Information	NSDD 298
Frequencies	N173333	Emission Bandwidth	Operations Security Information	NSDD 298
Frequencies	N173333	Operation Area	Operations Security Information	NSDD 298
Frequencies	N173333	Receiver Bandwidth	Operations Security Information	NSDD 298
Frequencies	N173333	Receiver Latitude	Operations Security Information	NSDD 298

Releasable

DOD\N 3450-3550 (Rev. 1) (Sufficient) - Excluded Info

Table	Row	Column	Agency Marking	Reference
Frequencies	N173333	Receiver Longitude	Operations Security Information	NSDD 298
Frequencies	N173333	Transmitter Latitude	Operations Security Information	NSDD 298
Frequencies	N173333	Transmitter Longitude	Operations Security Information	NSDD 298
Frequencies	N173333	Upper Frequency	Operations Security Information	NSDD 298
Frequencies	N173936	Center Lower Frequency	Operations Security Information	NSDD 298
Frequencies	N173936	Emission Bandwidth	Operations Security Information	NSDD 298
Frequencies	N173936	Operation Area	Operations Security Information	NSDD 298
Frequencies	N173936	Receiver Bandwidth	Operations Security Information	NSDD 298
Frequencies	N173936	Receiver Latitude	Operations Security Information	NSDD 298
Frequencies	N173936	Receiver Longitude	Operations Security Information	NSDD 298

Releasable

DOD\N 3450-3550 (Rev. 1) (Sufficient) - Excluded Info

Table	Row	Column	Agency Marking	Reference
Frequencies	N173936	Transmitter Latitude	Operations Security Information	NSDD 298
Frequencies	N173936	Transmitter Longitude	Operations Security Information	NSDD 298
Frequencies	N173936	Upper Frequency	Operations Security Information	NSDD 298
Frequencies	N174604	Center Lower Frequency	Operations Security Information	NSDD 298
Frequencies	N174604	Emission Bandwidth	Operations Security Information	NSDD 298
Frequencies	N174604	Operation Area	Operations Security Information	NSDD 298
Frequencies	N174604	Receiver Bandwidth	Operations Security Information	NSDD 298
Frequencies	N174604	Receiver Latitude	Operations Security Information	NSDD 298
Frequencies	N174604	Receiver Longitude	Operations Security Information	NSDD 298
Frequencies	N174604	Transmitter Latitude	Operations Security Information	NSDD 298

Releasable

DOD\N 3450-3550 (Rev. 1) (Sufficient) - Excluded Info

Table	Row	Column	Agency Marking	Reference
Frequencies	N174604	Transmitter Longitude	Operations Security Information	NSDD 298
Frequencies	N174604	Upper Frequency	Operations Security Information	NSDD 298
Frequencies	N174605	Center Lower Frequency	Operations Security Information	NSDD 298
Frequencies	N174605	Emission Bandwidth	Operations Security Information	NSDD 298
Frequencies	N174605	Operation Area	Operations Security Information	NSDD 298
Frequencies	N174605	Receiver Bandwidth	Operations Security Information	NSDD 298
Frequencies	N174605	Receiver Latitude	Operations Security Information	NSDD 298
Frequencies	N174605	Receiver Longitude	Operations Security Information	NSDD 298
Frequencies	N174605	Transmitter Latitude	Operations Security Information	NSDD 298
Frequencies	N174605	Transmitter Longitude	Operations Security Information	NSDD 298

Releasable

DOD\N 3450-3550 (Rev. 1) (Sufficient) - Excluded Info

Table	Row	Column	Agency Marking	Reference
Frequencies	N174605	Upper Frequency	Operations Security Information	NSDD 298
Frequencies	N176742	Center Lower Frequency	Operations Security Information	NSDD 298
Frequencies	N176742	Emission Bandwidth	Operations Security Information	NSDD 298
Frequencies	N176742	Operation Area	Operations Security Information	NSDD 298
Frequencies	N176742	Receiver Bandwidth	Operations Security Information	NSDD 298
Frequencies	N176742	Receiver Latitude	Operations Security Information	NSDD 298
Frequencies	N176742	Receiver Longitude	Operations Security Information	NSDD 298
Frequencies	N176742	Transmitter Latitude	Operations Security Information	NSDD 298
Frequencies	N176742	Transmitter Longitude	Operations Security Information	NSDD 298
Frequencies	N176742	Upper Frequency	Operations Security Information	NSDD 298

Releasable

DOD\N 3450-3550 (Rev. 1) (Sufficient) - Excluded Info

Table	Row	Column	Agency Marking	Reference
Frequencies	N176743	Center Lower Frequency	Operations Security Information	NSDD 298
Frequencies	N176743	Emission Bandwidth	Operations Security Information	NSDD 298
Frequencies	N176743	Operation Area	Operations Security Information	NSDD 298
Frequencies	N176743	Receiver Bandwidth	Operations Security Information	NSDD 298
Frequencies	N176743	Receiver Latitude	Operations Security Information	NSDD 298
Frequencies	N176743	Receiver Longitude	Operations Security Information	NSDD 298
Frequencies	N176743	Transmitter Latitude	Operations Security Information	NSDD 298
Frequencies	N176743	Transmitter Longitude	Operations Security Information	NSDD 298
Frequencies	N176743	Upper Frequency	Operations Security Information	NSDD 298
Frequencies	N183381	Center Lower Frequency	Operations Security Information	NSDD 298

Releasable

DOD\N 3450-3550 (Rev. 1) (Sufficient) - Excluded Info

Table	Row	Column	Agency Marking	Reference
Frequencies	N183381	Emission Bandwidth	Operations Security Information	NSDD 298
Frequencies	N183381	Operation Area	Operations Security Information	NSDD 298
Frequencies	N183381	Receiver Bandwidth	Operations Security Information	NSDD 298
Frequencies	N183381	Receiver Latitude	Operations Security Information	NSDD 298
Frequencies	N183381	Receiver Longitude	Operations Security Information	NSDD 298
Frequencies	N183381	Transmitter Latitude	Operations Security Information	NSDD 298
Frequencies	N183381	Transmitter Longitude	Operations Security Information	NSDD 298
Frequencies	N183381	Upper Frequency	Operations Security Information	NSDD 298
Frequencies	N183382	Center Lower Frequency	Operations Security Information	NSDD 298
Frequencies	N183382	Emission Bandwidth	Operations Security Information	NSDD 298

Releasable

DOD\N 3450-3550 (Rev. 1) (Sufficient) - Excluded Info

Table	Row	Column	Agency Marking	Reference
Frequencies	N183382	Operation Area	Operations Security Information	NSDD 298
Frequencies	N183382	Receiver Bandwidth	Operations Security Information	NSDD 298
Frequencies	N183382	Receiver Latitude	Operations Security Information	NSDD 298
Frequencies	N183382	Receiver Longitude	Operations Security Information	NSDD 298
Frequencies	N183382	Transmitter Latitude	Operations Security Information	NSDD 298
Frequencies	N183382	Transmitter Longitude	Operations Security Information	NSDD 298
Frequencies	N183382	Upper Frequency	Operations Security Information	NSDD 298
Frequencies	N183550	Center Lower Frequency	Operations Security Information	NSDD 298
Frequencies	N183550	Emission Bandwidth	Operations Security Information	NSDD 298
Frequencies	N183550	Operation Area	Operations Security Information	NSDD 298

Releasable

DOD\N 3450-3550 (Rev. 1) (Sufficient) - Excluded Info

Table	Row	Column	Agency Marking	Reference
Frequencies	N183550	Receiver Bandwidth	Operations Security Information	NSDD 298
Frequencies	N183550	Receiver Latitude	Operations Security Information	NSDD 298
Frequencies	N183550	Receiver Longitude	Operations Security Information	NSDD 298
Frequencies	N183550	Transmitter Latitude	Operations Security Information	NSDD 298
Frequencies	N183550	Transmitter Longitude	Operations Security Information	NSDD 298
Frequencies	N183550	Upper Frequency	Operations Security Information	NSDD 298
Frequencies	N183583	Center Lower Frequency	Operations Security Information	NSDD 298
Frequencies	N183583	Emission Bandwidth	Operations Security Information	NSDD 298
Frequencies	N183583	Operation Area	Operations Security Information	NSDD 298
Frequencies	N183583	Receiver Bandwidth	Operations Security Information	NSDD 298

Releasable

DOD\N 3450-3550 (Rev. 1) (Sufficient) - Excluded Info

Table	Row	Column	Agency Marking	Reference
Frequencies	N183583	Receiver Latitude	Operations Security Information	NSDD 298
Frequencies	N183583	Receiver Longitude	Operations Security Information	NSDD 298
Frequencies	N183583	Transmitter Latitude	Operations Security Information	NSDD 298
Frequencies	N183583	Transmitter Longitude	Operations Security Information	NSDD 298
Frequencies	N183583	Upper Frequency	Operations Security Information	NSDD 298
Frequencies	N184551	Center Lower Frequency	Operations Security Information	NSDD 298
Frequencies	N184551	Emission Bandwidth	Operations Security Information	NSDD 298
Frequencies	N184551	Operation Area	Operations Security Information	NSDD 298
Frequencies	N184551	Receiver Bandwidth	Operations Security Information	NSDD 298
Frequencies	N184551	Receiver Latitude	Operations Security Information	NSDD 298

Releasable

DOD\N 3450-3550 (Rev. 1) (Sufficient) - Excluded Info

Table	Row	Column	Agency Marking	Reference
Frequencies	N184551	Receiver Longitude	Operations Security Information	NSDD 298
Frequencies	N184551	Transmitter Latitude	Operations Security Information	NSDD 298
Frequencies	N184551	Transmitter Longitude	Operations Security Information	NSDD 298
Frequencies	N184551	Upper Frequency	Operations Security Information	NSDD 298
Frequencies	N184554	Center Lower Frequency	Operations Security Information	NSDD 298
Frequencies	N184554	Emission Bandwidth	Operations Security Information	NSDD 298
Frequencies	N184554	Operation Area	Operations Security Information	NSDD 298
Frequencies	N184554	Receiver Bandwidth	Operations Security Information	NSDD 298
Frequencies	N184554	Receiver Latitude	Operations Security Information	NSDD 298
Frequencies	N184554	Receiver Longitude	Operations Security Information	NSDD 298

Releasable

DOD\N 3450-3550 (Rev. 1) (Sufficient) - Excluded Info

Table	Row	Column	Agency Marking	Reference
Frequencies	N184554	Transmitter Latitude	Operations Security Information	NSDD 298
Frequencies	N184554	Transmitter Longitude	Operations Security Information	NSDD 298
Frequencies	N184554	Upper Frequency	Operations Security Information	NSDD 298
Frequencies	N184555	Center Lower Frequency	Operations Security Information	NSDD 298
Frequencies	N184555	Emission Bandwidth	Operations Security Information	NSDD 298
Frequencies	N184555	Operation Area	Operations Security Information	NSDD 298
Frequencies	N184555	Receiver Bandwidth	Operations Security Information	NSDD 298
Frequencies	N184555	Receiver Latitude	Operations Security Information	NSDD 298
Frequencies	N184555	Receiver Longitude	Operations Security Information	NSDD 298
Frequencies	N184555	Transmitter Latitude	Operations Security Information	NSDD 298

Releasable

DOD\N 3450-3550 (Rev. 1) (Sufficient) - Excluded Info

Table	Row	Column	Agency Marking	Reference
Frequencies	N184555	Transmitter Longitude	Operations Security Information	NSDD 298
Frequencies	N184555	Upper Frequency	Operations Security Information	NSDD 298
Frequencies	N193316	Center Lower Frequency	Operations Security Information	NSDD 298
Frequencies	N193316	Emission Bandwidth	Operations Security Information	NSDD 298
Frequencies	N193316	Operation Area	Operations Security Information	NSDD 298
Frequencies	N193316	Receiver Bandwidth	Operations Security Information	NSDD 298
Frequencies	N193316	Receiver Latitude	Operations Security Information	NSDD 298
Frequencies	N193316	Receiver Longitude	Operations Security Information	NSDD 298
Frequencies	N193316	Transmitter Latitude	Operations Security Information	NSDD 298
Frequencies	N193316	Transmitter Longitude	Operations Security Information	NSDD 298

Releasable

DOD\N 3450-3550 (Rev. 1) (Sufficient) - Excluded Info

Table	Row	Column	Agency Marking	Reference
Frequencies	N193316	Upper Frequency	Operations Security Information	NSDD 298
Frequencies	N193344	Center Lower Frequency	Operations Security Information	NSDD 298
Frequencies	N193344	Emission Bandwidth	Operations Security Information	NSDD 298
Frequencies	N193344	Operation Area	Operations Security Information	NSDD 298
Frequencies	N193344	Receiver Bandwidth	Operations Security Information	NSDD 298
Frequencies	N193344	Receiver Latitude	Operations Security Information	NSDD 298
Frequencies	N193344	Receiver Longitude	Operations Security Information	NSDD 298
Frequencies	N193344	Transmitter Latitude	Operations Security Information	NSDD 298
Frequencies	N193344	Transmitter Longitude	Operations Security Information	NSDD 298
Frequencies	N193344	Upper Frequency	Operations Security Information	NSDD 298

Releasable

DOD\N 3450-3550 (Rev. 1) (Sufficient) - Excluded Info

Table	Row	Column	Agency Marking	Reference
Frequencies	N193443	Center Lower Frequency	Operations Security Information	NSDD 298
Frequencies	N193443	Emission Bandwidth	Operations Security Information	NSDD 298
Frequencies	N193443	Operation Area	Operations Security Information	NSDD 298
Frequencies	N193443	Receiver Bandwidth	Operations Security Information	NSDD 298
Frequencies	N193443	Receiver Latitude	Operations Security Information	NSDD 298
Frequencies	N193443	Receiver Longitude	Operations Security Information	NSDD 298
Frequencies	N193443	Transmitter Latitude	Operations Security Information	NSDD 298
Frequencies	N193443	Transmitter Longitude	Operations Security Information	NSDD 298
Frequencies	N193443	Upper Frequency	Operations Security Information	NSDD 298
Frequencies	N193485	Center Lower Frequency	Operations Security Information	NSDD 298

Releasable

DOD\N 3450-3550 (Rev. 1) (Sufficient) - Excluded Info

Table	Row	Column	Agency Marking	Reference
Frequencies	N193485	Emission Bandwidth	Operations Security Information	NSDD 298
Frequencies	N193485	Operation Area	Operations Security Information	NSDD 298
Frequencies	N193485	Receiver Bandwidth	Operations Security Information	NSDD 298
Frequencies	N193485	Receiver Latitude	Operations Security Information	NSDD 298
Frequencies	N193485	Receiver Longitude	Operations Security Information	NSDD 298
Frequencies	N193485	Transmitter Latitude	Operations Security Information	NSDD 298
Frequencies	N193485	Transmitter Longitude	Operations Security Information	NSDD 298
Frequencies	N193485	Upper Frequency	Operations Security Information	NSDD 298
Frequencies	N193490	Center Lower Frequency	Operations Security Information	NSDD 298
Frequencies	N193490	Emission Bandwidth	Operations Security Information	NSDD 298

Releasable

DOD\N 3450-3550 (Rev. 1) (Sufficient) - Excluded Info

Table	Row	Column	Agency Marking	Reference
Frequencies	N193490	Operation Area	Operations Security Information	NSDD 298
Frequencies	N193490	Receiver Bandwidth	Operations Security Information	NSDD 298
Frequencies	N193490	Receiver Latitude	Operations Security Information	NSDD 298
Frequencies	N193490	Receiver Longitude	Operations Security Information	NSDD 298
Frequencies	N193490	Transmitter Latitude	Operations Security Information	NSDD 298
Frequencies	N193490	Transmitter Longitude	Operations Security Information	NSDD 298
Frequencies	N193490	Upper Frequency	Operations Security Information	NSDD 298
Frequencies	N193492	Center Lower Frequency	Operations Security Information	NSDD 298
Frequencies	N193492	Emission Bandwidth	Operations Security Information	NSDD 298
Frequencies	N193492	Operation Area	Operations Security Information	NSDD 298

Releasable

DOD\N 3450-3550 (Rev. 1) (Sufficient) - Excluded Info

Table	Row	Column	Agency Marking	Reference
Frequencies	N193492	Receiver Bandwidth	Operations Security Information	NSDD 298
Frequencies	N193492	Receiver Latitude	Operations Security Information	NSDD 298
Frequencies	N193492	Receiver Longitude	Operations Security Information	NSDD 298
Frequencies	N193492	Transmitter Latitude	Operations Security Information	NSDD 298
Frequencies	N193492	Transmitter Longitude	Operations Security Information	NSDD 298
Frequencies	N193492	Upper Frequency	Operations Security Information	NSDD 298
Frequencies	N193493	Center Lower Frequency	Operations Security Information	NSDD 298
Frequencies	N193493	Emission Bandwidth	Operations Security Information	NSDD 298
Frequencies	N193493	Operation Area	Operations Security Information	NSDD 298
Frequencies	N193493	Receiver Bandwidth	Operations Security Information	NSDD 298

Releasable

DOD\N 3450-3550 (Rev. 1) (Sufficient) - Excluded Info

Table	Row	Column	Agency Marking	Reference
Frequencies	N193493	Receiver Latitude	Operations Security Information	NSDD 298
Frequencies	N193493	Receiver Longitude	Operations Security Information	NSDD 298
Frequencies	N193493	Transmitter Latitude	Operations Security Information	NSDD 298
Frequencies	N193493	Transmitter Longitude	Operations Security Information	NSDD 298
Frequencies	N193493	Upper Frequency	Operations Security Information	NSDD 298
Frequencies	N193498	Center Lower Frequency	Operations Security Information	NSDD 298
Frequencies	N193498	Emission Bandwidth	Operations Security Information	NSDD 298
Frequencies	N193498	Operation Area	Operations Security Information	NSDD 298
Frequencies	N193498	Receiver Bandwidth	Operations Security Information	NSDD 298
Frequencies	N193498	Receiver Latitude	Operations Security Information	NSDD 298

Releasable

DOD\N 3450-3550 (Rev. 1) (Sufficient) - Excluded Info

Table	Row	Column	Agency Marking	Reference
Frequencies	N193498	Receiver Longitude	Operations Security Information	NSDD 298
Frequencies	N193498	Transmitter Latitude	Operations Security Information	NSDD 298
Frequencies	N193498	Transmitter Longitude	Operations Security Information	NSDD 298
Frequencies	N193498	Upper Frequency	Operations Security Information	NSDD 298
Frequencies	N193499	Center Lower Frequency	Operations Security Information	NSDD 298
Frequencies	N193499	Emission Bandwidth	Operations Security Information	NSDD 298
Frequencies	N193499	Operation Area	Operations Security Information	NSDD 298
Frequencies	N193499	Receiver Bandwidth	Operations Security Information	NSDD 298
Frequencies	N193499	Receiver Latitude	Operations Security Information	NSDD 298
Frequencies	N193499	Receiver Longitude	Operations Security Information	NSDD 298

Releasable

DOD\N 3450-3550 (Rev. 1) (Sufficient) - Excluded Info

Table	Row	Column	Agency Marking	Reference
Frequencies	N193499	Transmitter Latitude	Operations Security Information	NSDD 298
Frequencies	N193499	Transmitter Longitude	Operations Security Information	NSDD 298
Frequencies	N193499	Upper Frequency	Operations Security Information	NSDD 298
Frequencies	N193500	Center Lower Frequency	Operations Security Information	NSDD 298
Frequencies	N193500	Emission Bandwidth	Operations Security Information	NSDD 298
Frequencies	N193500	Operation Area	Operations Security Information	NSDD 298
Frequencies	N193500	Receiver Bandwidth	Operations Security Information	NSDD 298
Frequencies	N193500	Receiver Latitude	Operations Security Information	NSDD 298
Frequencies	N193500	Receiver Longitude	Operations Security Information	NSDD 298
Frequencies	N193500	Transmitter Latitude	Operations Security Information	NSDD 298

Releasable

DOD\N 3450-3550 (Rev. 1) (Sufficient) - Excluded Info

Table	Row	Column	Agency Marking	Reference
Frequencies	N193500	Transmitter Longitude	Operations Security Information	NSDD 298
Frequencies	N193500	Upper Frequency	Operations Security Information	NSDD 298
Frequencies	N193502	Center Lower Frequency	Operations Security Information	NSDD 298
Frequencies	N193502	Emission Bandwidth	Operations Security Information	NSDD 298
Frequencies	N193502	Operation Area	Operations Security Information	NSDD 298
Frequencies	N193502	Receiver Bandwidth	Operations Security Information	NSDD 298
Frequencies	N193502	Receiver Latitude	Operations Security Information	NSDD 298
Frequencies	N193502	Receiver Longitude	Operations Security Information	NSDD 298
Frequencies	N193502	Transmitter Latitude	Operations Security Information	NSDD 298
Frequencies	N193502	Transmitter Longitude	Operations Security Information	NSDD 298

Releasable

DOD\N 3450-3550 (Rev. 1) (Sufficient) - Excluded Info

Table	Row	Column	Agency Marking	Reference
Frequencies	N193502	Upper Frequency	Operations Security Information	NSDD 298
Frequencies	N193503	Center Lower Frequency	Operations Security Information	NSDD 298
Frequencies	N193503	Emission Bandwidth	Operations Security Information	NSDD 298
Frequencies	N193503	Operation Area	Operations Security Information	NSDD 298
Frequencies	N193503	Receiver Bandwidth	Operations Security Information	NSDD 298
Frequencies	N193503	Receiver Latitude	Operations Security Information	NSDD 298
Frequencies	N193503	Receiver Longitude	Operations Security Information	NSDD 298
Frequencies	N193503	Transmitter Latitude	Operations Security Information	NSDD 298
Frequencies	N193503	Transmitter Longitude	Operations Security Information	NSDD 298
Frequencies	N193503	Upper Frequency	Operations Security Information	NSDD 298

Releasable

DOD\N 3450-3550 (Rev. 1) (Sufficient) - Excluded Info

Table	Row	Column	Agency Marking	Reference
Frequencies	N193504	Center Lower Frequency	Operations Security Information	NSDD 298
Frequencies	N193504	Emission Bandwidth	Operations Security Information	NSDD 298
Frequencies	N193504	Operation Area	Operations Security Information	NSDD 298
Frequencies	N193504	Receiver Bandwidth	Operations Security Information	NSDD 298
Frequencies	N193504	Receiver Latitude	Operations Security Information	NSDD 298
Frequencies	N193504	Receiver Longitude	Operations Security Information	NSDD 298
Frequencies	N193504	Transmitter Latitude	Operations Security Information	NSDD 298
Frequencies	N193504	Transmitter Longitude	Operations Security Information	NSDD 298
Frequencies	N193504	Upper Frequency	Operations Security Information	NSDD 298
Frequencies	N193505	Center Lower Frequency	Operations Security Information	NSDD 298

Releasable

DOD\N 3450-3550 (Rev. 1) (Sufficient) - Excluded Info

Table	Row	Column	Agency Marking	Reference
Frequencies	N193505	Emission Bandwidth	Operations Security Information	NSDD 298
Frequencies	N193505	Operation Area	Operations Security Information	NSDD 298
Frequencies	N193505	Receiver Bandwidth	Operations Security Information	NSDD 298
Frequencies	N193505	Receiver Latitude	Operations Security Information	NSDD 298
Frequencies	N193505	Receiver Longitude	Operations Security Information	NSDD 298
Frequencies	N193505	Transmitter Latitude	Operations Security Information	NSDD 298
Frequencies	N193505	Transmitter Longitude	Operations Security Information	NSDD 298
Frequencies	N193505	Upper Frequency	Operations Security Information	NSDD 298
Frequencies	N193506	Center Lower Frequency	Operations Security Information	NSDD 298
Frequencies	N193506	Emission Bandwidth	Operations Security Information	NSDD 298

Releasable

DOD\N 3450-3550 (Rev. 1) (Sufficient) - Excluded Info

Table	Row	Column	Agency Marking	Reference
Frequencies	N193506	Operation Area	Operations Security Information	NSDD 298
Frequencies	N193506	Receiver Bandwidth	Operations Security Information	NSDD 298
Frequencies	N193506	Receiver Latitude	Operations Security Information	NSDD 298
Frequencies	N193506	Receiver Longitude	Operations Security Information	NSDD 298
Frequencies	N193506	Transmitter Latitude	Operations Security Information	NSDD 298
Frequencies	N193506	Transmitter Longitude	Operations Security Information	NSDD 298
Frequencies	N193506	Upper Frequency	Operations Security Information	NSDD 298
Frequencies	N193507	Center Lower Frequency	Operations Security Information	NSDD 298
Frequencies	N193507	Emission Bandwidth	Operations Security Information	NSDD 298
Frequencies	N193507	Operation Area	Operations Security Information	NSDD 298

Releasable

DOD\N 3450-3550 (Rev. 1) (Sufficient) - Excluded Info

Table	Row	Column	Agency Marking	Reference
Frequencies	N193507	Receiver Bandwidth	Operations Security Information	NSDD 298
Frequencies	N193507	Receiver Latitude	Operations Security Information	NSDD 298
Frequencies	N193507	Receiver Longitude	Operations Security Information	NSDD 298
Frequencies	N193507	Transmitter Latitude	Operations Security Information	NSDD 298
Frequencies	N193507	Transmitter Longitude	Operations Security Information	NSDD 298
Frequencies	N193507	Upper Frequency	Operations Security Information	NSDD 298
Frequencies	N193538	Center Lower Frequency	Operations Security Information	NSDD 298
Frequencies	N193538	Emission Bandwidth	Operations Security Information	NSDD 298
Frequencies	N193538	Operation Area	Operations Security Information	NSDD 298
Frequencies	N193538	Receiver Bandwidth	Operations Security Information	NSDD 298

Releasable

DOD\N 3450-3550 (Rev. 1) (Sufficient) - Excluded Info

Table	Row	Column	Agency Marking	Reference
Frequencies	N193538	Receiver Latitude	Operations Security Information	NSDD 298
Frequencies	N193538	Receiver Longitude	Operations Security Information	NSDD 298
Frequencies	N193538	Transmitter Latitude	Operations Security Information	NSDD 298
Frequencies	N193538	Transmitter Longitude	Operations Security Information	NSDD 298
Frequencies	N193538	Upper Frequency	Operations Security Information	NSDD 298
Frequencies	N193631	Center Lower Frequency	Operations Security Information	NSDD 298
Frequencies	N193631	Emission Bandwidth	Operations Security Information	NSDD 298
Frequencies	N193631	Operation Area	Operations Security Information	NSDD 298
Frequencies	N193631	Receiver Bandwidth	Operations Security Information	NSDD 298
Frequencies	N193631	Receiver Latitude	Operations Security Information	NSDD 298

Releasable

DOD\N 3450-3550 (Rev. 1) (Sufficient) - Excluded Info

Table	Row	Column	Agency Marking	Reference
Frequencies	N193631	Receiver Longitude	Operations Security Information	NSDD 298
Frequencies	N193631	Transmitter Latitude	Operations Security Information	NSDD 298
Frequencies	N193631	Transmitter Longitude	Operations Security Information	NSDD 298
Frequencies	N193631	Upper Frequency	Operations Security Information	NSDD 298
Frequencies	N193632	Center Lower Frequency	Operations Security Information	NSDD 298
Frequencies	N193632	Emission Bandwidth	Operations Security Information	NSDD 298
Frequencies	N193632	Operation Area	Operations Security Information	NSDD 298
Frequencies	N193632	Receiver Bandwidth	Operations Security Information	NSDD 298
Frequencies	N193632	Receiver Latitude	Operations Security Information	NSDD 298
Frequencies	N193632	Receiver Longitude	Operations Security Information	NSDD 298

Releasable

DOD\N 3450-3550 (Rev. 1) (Sufficient) - Excluded Info

Table	Row	Column	Agency Marking	Reference
Frequencies	N193632	Transmitter Latitude	Operations Security Information	NSDD 298
Frequencies	N193632	Transmitter Longitude	Operations Security Information	NSDD 298
Frequencies	N193632	Upper Frequency	Operations Security Information	NSDD 298
Frequencies	N193644	Center Lower Frequency	Operations Security Information	NSDD 298
Frequencies	N193644	Emission Bandwidth	Operations Security Information	NSDD 298
Frequencies	N193644	Operation Area	Operations Security Information	NSDD 298
Frequencies	N193644	Receiver Bandwidth	Operations Security Information	NSDD 298
Frequencies	N193644	Receiver Latitude	Operations Security Information	NSDD 298
Frequencies	N193644	Receiver Longitude	Operations Security Information	NSDD 298
Frequencies	N193644	Transmitter Latitude	Operations Security Information	NSDD 298

Releasable

DOD\N 3450-3550 (Rev. 1) (Sufficient) - Excluded Info

Table	Row	Column	Agency Marking	Reference
Frequencies	N193644	Transmitter Longitude	Operations Security Information	NSDD 298
Frequencies	N193644	Upper Frequency	Operations Security Information	NSDD 298
Frequencies	N193645	Center Lower Frequency	Operations Security Information	NSDD 298
Frequencies	N193645	Emission Bandwidth	Operations Security Information	NSDD 298
Frequencies	N193645	Operation Area	Operations Security Information	NSDD 298
Frequencies	N193645	Receiver Bandwidth	Operations Security Information	NSDD 298
Frequencies	N193645	Receiver Latitude	Operations Security Information	NSDD 298
Frequencies	N193645	Receiver Longitude	Operations Security Information	NSDD 298
Frequencies	N193645	Transmitter Latitude	Operations Security Information	NSDD 298
Frequencies	N193645	Transmitter Longitude	Operations Security Information	NSDD 298

Releasable

DOD\N 3450-3550 (Rev. 1) (Sufficient) - Excluded Info

Table	Row	Column	Agency Marking	Reference
Frequencies	N193645	Upper Frequency	Operations Security Information	NSDD 298
Frequencies	N194127	Center Lower Frequency	Operations Security Information	NSDD 298
Frequencies	N194127	Emission Bandwidth	Operations Security Information	NSDD 298
Frequencies	N194127	Operation Area	Operations Security Information	NSDD 298
Frequencies	N194127	Receiver Bandwidth	Operations Security Information	NSDD 298
Frequencies	N194127	Receiver Latitude	Operations Security Information	NSDD 298
Frequencies	N194127	Receiver Longitude	Operations Security Information	NSDD 298
Frequencies	N194127	Transmitter Latitude	Operations Security Information	NSDD 298
Frequencies	N194127	Transmitter Longitude	Operations Security Information	NSDD 298
Frequencies	N194127	Upper Frequency	Operations Security Information	NSDD 298

Releasable

DOD\N 3450-3550 (Rev. 1) (Sufficient) - Excluded Info

Table	Row	Column	Agency Marking	Reference
Frequencies	N194617	Center Lower Frequency	Operations Security Information	NSDD 298
Frequencies	N194617	Emission Bandwidth	Operations Security Information	NSDD 298
Frequencies	N194617	Operation Area	Operations Security Information	NSDD 298
Frequencies	N194617	Receiver Bandwidth	Operations Security Information	NSDD 298
Frequencies	N194617	Receiver Latitude	Operations Security Information	NSDD 298
Frequencies	N194617	Receiver Longitude	Operations Security Information	NSDD 298
Frequencies	N194617	Transmitter Latitude	Operations Security Information	NSDD 298
Frequencies	N194617	Transmitter Longitude	Operations Security Information	NSDD 298
Frequencies	N194617	Upper Frequency	Operations Security Information	NSDD 298
Frequencies	N194622	Center Lower Frequency	Operations Security Information	NSDD 298

Releasable

DOD\N 3450-3550 (Rev. 1) (Sufficient) - Excluded Info

Table	Row	Column	Agency Marking	Reference
Frequencies	N194622	Emission Bandwidth	Operations Security Information	NSDD 298
Frequencies	N194622	Operation Area	Operations Security Information	NSDD 298
Frequencies	N194622	Receiver Bandwidth	Operations Security Information	NSDD 298
Frequencies	N194622	Receiver Latitude	Operations Security Information	NSDD 298
Frequencies	N194622	Receiver Longitude	Operations Security Information	NSDD 298
Frequencies	N194622	Transmitter Latitude	Operations Security Information	NSDD 298
Frequencies	N194622	Transmitter Longitude	Operations Security Information	NSDD 298
Frequencies	N194622	Upper Frequency	Operations Security Information	NSDD 298
Frequencies	N197022	Center Lower Frequency	Operations Security Information	NSDD 298
Frequencies	N197022	Emission Bandwidth	Operations Security Information	NSDD 298

Releasable

DOD\N 3450-3550 (Rev. 1) (Sufficient) - Excluded Info

Table	Row	Column	Agency Marking	Reference
Frequencies	N197022	Operation Area	Operations Security Information	NSDD 298
Frequencies	N197022	Receiver Bandwidth	Operations Security Information	NSDD 298
Frequencies	N197022	Receiver Latitude	Operations Security Information	NSDD 298
Frequencies	N197022	Receiver Longitude	Operations Security Information	NSDD 298
Frequencies	N197022	Transmitter Latitude	Operations Security Information	NSDD 298
Frequencies	N197022	Transmitter Longitude	Operations Security Information	NSDD 298
Frequencies	N197022	Upper Frequency	Operations Security Information	NSDD 298
Frequencies	N198081	Center Lower Frequency	Operations Security Information	NSDD 298
Frequencies	N198081	Emission Bandwidth	Operations Security Information	NSDD 298
Frequencies	N198081	Operation Area	Operations Security Information	NSDD 298

Releasable

DOD\N 3450-3550 (Rev. 1) (Sufficient) - Excluded Info

Table	Row	Column	Agency Marking	Reference
Frequencies	N198081	Receiver Bandwidth	Operations Security Information	NSDD 298
Frequencies	N198081	Receiver Latitude	Operations Security Information	NSDD 298
Frequencies	N198081	Receiver Longitude	Operations Security Information	NSDD 298
Frequencies	N198081	Transmitter Latitude	Operations Security Information	NSDD 298
Frequencies	N198081	Transmitter Longitude	Operations Security Information	NSDD 298
Frequencies	N198081	Upper Frequency	Operations Security Information	NSDD 298
Frequencies	N198099	Center Lower Frequency	Operations Security Information	NSDD 298
Frequencies	N198099	Emission Bandwidth	Operations Security Information	NSDD 298
Frequencies	N198099	Operation Area	Operations Security Information	NSDD 298
Frequencies	N198099	Receiver Bandwidth	Operations Security Information	NSDD 298

Releasable

DOD\N 3450-3550 (Rev. 1) (Sufficient) - Excluded Info

Table	Row	Column	Agency Marking	Reference
Frequencies	N198099	Receiver Latitude	Operations Security Information	NSDD 298
Frequencies	N198099	Receiver Longitude	Operations Security Information	NSDD 298
Frequencies	N198099	Transmitter Latitude	Operations Security Information	NSDD 298
Frequencies	N198099	Transmitter Longitude	Operations Security Information	NSDD 298
Frequencies	N198099	Upper Frequency	Operations Security Information	NSDD 298
Frequencies	N198123	Center Lower Frequency	Operations Security Information	NSDD 298
Frequencies	N198123	Emission Bandwidth	Operations Security Information	NSDD 298
Frequencies	N198123	Operation Area	Operations Security Information	NSDD 298
Frequencies	N198123	Receiver Bandwidth	Operations Security Information	NSDD 298
Frequencies	N198123	Receiver Latitude	Operations Security Information	NSDD 298

Releasable

DOD\N 3450-3550 (Rev. 1) (Sufficient) - Excluded Info

Table	Row	Column	Agency Marking	Reference
Frequencies	N198123	Receiver Longitude	Operations Security Information	NSDD 298
Frequencies	N198123	Transmitter Latitude	Operations Security Information	NSDD 298
Frequencies	N198123	Transmitter Longitude	Operations Security Information	NSDD 298
Frequencies	N198123	Upper Frequency	Operations Security Information	NSDD 298
Frequencies	N204586	Center Lower Frequency	Operations Security Information	NSDD 298
Frequencies	N204586	Emission Bandwidth	Operations Security Information	NSDD 298
Frequencies	N204586	Operation Area	Operations Security Information	NSDD 298
Frequencies	N204586	Receiver Bandwidth	Operations Security Information	NSDD 298
Frequencies	N204586	Receiver Latitude	Operations Security Information	NSDD 298
Frequencies	N204586	Receiver Longitude	Operations Security Information	NSDD 298

Releasable

DOD\N 3450-3550 (Rev. 1) (Sufficient) - Excluded Info

Table	Row	Column	Agency Marking	Reference
Frequencies	N204586	Transmitter Latitude	Operations Security Information	NSDD 298
Frequencies	N204586	Transmitter Longitude	Operations Security Information	NSDD 298
Frequencies	N204586	Upper Frequency	Operations Security Information	NSDD 298
Frequencies	N204587	Center Lower Frequency	Operations Security Information	NSDD 298
Frequencies	N204587	Emission Bandwidth	Operations Security Information	NSDD 298
Frequencies	N204587	Operation Area	Operations Security Information	NSDD 298
Frequencies	N204587	Receiver Bandwidth	Operations Security Information	NSDD 298
Frequencies	N204587	Receiver Latitude	Operations Security Information	NSDD 298
Frequencies	N204587	Receiver Longitude	Operations Security Information	NSDD 298
Frequencies	N204587	Transmitter Latitude	Operations Security Information	NSDD 298

Releasable

DOD\N 3450-3550 (Rev. 1) (Sufficient) - Excluded Info

Table	Row	Column	Agency Marking	Reference
Frequencies	N204587	Transmitter Longitude	Operations Security Information	NSDD 298
Frequencies	N204587	Upper Frequency	Operations Security Information	NSDD 298
Frequencies	N204588	Center Lower Frequency	Operations Security Information	NSDD 298
Frequencies	N204588	Emission Bandwidth	Operations Security Information	NSDD 298
Frequencies	N204588	Operation Area	Operations Security Information	NSDD 298
Frequencies	N204588	Receiver Bandwidth	Operations Security Information	NSDD 298
Frequencies	N204588	Receiver Latitude	Operations Security Information	NSDD 298
Frequencies	N204588	Receiver Longitude	Operations Security Information	NSDD 298
Frequencies	N204588	Transmitter Latitude	Operations Security Information	NSDD 298
Frequencies	N204588	Transmitter Longitude	Operations Security Information	NSDD 298

Releasable

DOD\N 3450-3550 (Rev. 1) (Sufficient) - Excluded Info

Table	Row	Column	Agency Marking	Reference
Frequencies	N204588	Upper Frequency	Operations Security Information	NSDD 298
Frequencies	N204589	Center Lower Frequency	Operations Security Information	NSDD 298
Frequencies	N204589	Emission Bandwidth	Operations Security Information	NSDD 298
Frequencies	N204589	Operation Area	Operations Security Information	NSDD 298
Frequencies	N204589	Receiver Bandwidth	Operations Security Information	NSDD 298
Frequencies	N204589	Receiver Latitude	Operations Security Information	NSDD 298
Frequencies	N204589	Receiver Longitude	Operations Security Information	NSDD 298
Frequencies	N204589	Transmitter Latitude	Operations Security Information	NSDD 298
Frequencies	N204589	Transmitter Longitude	Operations Security Information	NSDD 298
Frequencies	N204589	Upper Frequency	Operations Security Information	NSDD 298

Releasable

DOD\N 3450-3550 (Rev. 1) (Sufficient) - Excluded Info

Table	Row	Column	Agency Marking	Reference
Frequencies	N204590	Center Lower Frequency	Operations Security Information	NSDD 298
Frequencies	N204590	Emission Bandwidth	Operations Security Information	NSDD 298
Frequencies	N204590	Operation Area	Operations Security Information	NSDD 298
Frequencies	N204590	Receiver Bandwidth	Operations Security Information	NSDD 298
Frequencies	N204590	Receiver Latitude	Operations Security Information	NSDD 298
Frequencies	N204590	Receiver Longitude	Operations Security Information	NSDD 298
Frequencies	N204590	Transmitter Latitude	Operations Security Information	NSDD 298
Frequencies	N204590	Transmitter Longitude	Operations Security Information	NSDD 298
Frequencies	N204590	Upper Frequency	Operations Security Information	NSDD 298
Frequencies	N204591	Center Lower Frequency	Operations Security Information	NSDD 298

Releasable

DOD\N 3450-3550 (Rev. 1) (Sufficient) - Excluded Info

Table	Row	Column	Agency Marking	Reference
Frequencies	N204591	Emission Bandwidth	Operations Security Information	NSDD 298
Frequencies	N204591	Operation Area	Operations Security Information	NSDD 298
Frequencies	N204591	Receiver Bandwidth	Operations Security Information	NSDD 298
Frequencies	N204591	Receiver Latitude	Operations Security Information	NSDD 298
Frequencies	N204591	Receiver Longitude	Operations Security Information	NSDD 298
Frequencies	N204591	Transmitter Latitude	Operations Security Information	NSDD 298
Frequencies	N204591	Transmitter Longitude	Operations Security Information	NSDD 298
Frequencies	N204591	Upper Frequency	Operations Security Information	NSDD 298
Frequencies	N204592	Center Lower Frequency	Operations Security Information	NSDD 298
Frequencies	N204592	Emission Bandwidth	Operations Security Information	NSDD 298

Releasable

DOD\N 3450-3550 (Rev. 1) (Sufficient) - Excluded Info

Table	Row	Column	Agency Marking	Reference
Frequencies	N204592	Operation Area	Operations Security Information	NSDD 298
Frequencies	N204592	Receiver Bandwidth	Operations Security Information	NSDD 298
Frequencies	N204592	Receiver Latitude	Operations Security Information	NSDD 298
Frequencies	N204592	Receiver Longitude	Operations Security Information	NSDD 298
Frequencies	N204592	Transmitter Latitude	Operations Security Information	NSDD 298
Frequencies	N204592	Transmitter Longitude	Operations Security Information	NSDD 298
Frequencies	N204592	Upper Frequency	Operations Security Information	NSDD 298
Frequencies	N204593	Center Lower Frequency	Operations Security Information	NSDD 298
Frequencies	N204593	Emission Bandwidth	Operations Security Information	NSDD 298
Frequencies	N204593	Operation Area	Operations Security Information	NSDD 298

Releasable

DOD\N 3450-3550 (Rev. 1) (Sufficient) - Excluded Info

Table	Row	Column	Agency Marking	Reference
Frequencies	N204593	Receiver Bandwidth	Operations Security Information	NSDD 298
Frequencies	N204593	Receiver Latitude	Operations Security Information	NSDD 298
Frequencies	N204593	Receiver Longitude	Operations Security Information	NSDD 298
Frequencies	N204593	Transmitter Latitude	Operations Security Information	NSDD 298
Frequencies	N204593	Transmitter Longitude	Operations Security Information	NSDD 298
Frequencies	N204593	Upper Frequency	Operations Security Information	NSDD 298
Frequencies	N204594	Center Lower Frequency	Operations Security Information	NSDD 298
Frequencies	N204594	Emission Bandwidth	Operations Security Information	NSDD 298
Frequencies	N204594	Operation Area	Operations Security Information	NSDD 298
Frequencies	N204594	Receiver Bandwidth	Operations Security Information	NSDD 298

Releasable

DOD\N 3450-3550 (Rev. 1) (Sufficient) - Excluded Info

Table	Row	Column	Agency Marking	Reference
Frequencies	N204594	Receiver Latitude	Operations Security Information	NSDD 298
Frequencies	N204594	Receiver Longitude	Operations Security Information	NSDD 298
Frequencies	N204594	Transmitter Latitude	Operations Security Information	NSDD 298
Frequencies	N204594	Transmitter Longitude	Operations Security Information	NSDD 298
Frequencies	N204594	Upper Frequency	Operations Security Information	NSDD 298
Frequencies	N204595	Center Lower Frequency	Operations Security Information	NSDD 298
Frequencies	N204595	Emission Bandwidth	Operations Security Information	NSDD 298
Frequencies	N204595	Operation Area	Operations Security Information	NSDD 298
Frequencies	N204595	Receiver Bandwidth	Operations Security Information	NSDD 298
Frequencies	N204595	Receiver Latitude	Operations Security Information	NSDD 298

Releasable

DOD\N 3450-3550 (Rev. 1) (Sufficient) - Excluded Info

Table	Row	Column	Agency Marking	Reference
Frequencies	N204595	Receiver Longitude	Operations Security Information	NSDD 298
Frequencies	N204595	Transmitter Latitude	Operations Security Information	NSDD 298
Frequencies	N204595	Transmitter Longitude	Operations Security Information	NSDD 298
Frequencies	N204595	Upper Frequency	Operations Security Information	NSDD 298
Frequencies	N204596	Center Lower Frequency	Operations Security Information	NSDD 298
Frequencies	N204596	Emission Bandwidth	Operations Security Information	NSDD 298
Frequencies	N204596	Operation Area	Operations Security Information	NSDD 298
Frequencies	N204596	Receiver Bandwidth	Operations Security Information	NSDD 298
Frequencies	N204596	Receiver Latitude	Operations Security Information	NSDD 298
Frequencies	N204596	Receiver Longitude	Operations Security Information	NSDD 298

Releasable

DOD\N 3450-3550 (Rev. 1) (Sufficient) - Excluded Info

Table	Row	Column	Agency Marking	Reference
Frequencies	N204596	Transmitter Latitude	Operations Security Information	NSDD 298
Frequencies	N204596	Transmitter Longitude	Operations Security Information	NSDD 298
Frequencies	N204596	Upper Frequency	Operations Security Information	NSDD 298
Frequencies	N204597	Center Lower Frequency	Operations Security Information	NSDD 298
Frequencies	N204597	Emission Bandwidth	Operations Security Information	NSDD 298
Frequencies	N204597	Operation Area	Operations Security Information	NSDD 298
Frequencies	N204597	Receiver Bandwidth	Operations Security Information	NSDD 298
Frequencies	N204597	Receiver Latitude	Operations Security Information	NSDD 298
Frequencies	N204597	Receiver Longitude	Operations Security Information	NSDD 298
Frequencies	N204597	Transmitter Latitude	Operations Security Information	NSDD 298

Releasable

DOD\N 3450-3550 (Rev. 1) (Sufficient) - Excluded Info

Table	Row	Column	Agency Marking	Reference
Frequencies	N204597	Transmitter Longitude	Operations Security Information	NSDD 298
Frequencies	N204597	Upper Frequency	Operations Security Information	NSDD 298
Frequencies	N204598	Center Lower Frequency	Operations Security Information	NSDD 298
Frequencies	N204598	Emission Bandwidth	Operations Security Information	NSDD 298
Frequencies	N204598	Operation Area	Operations Security Information	NSDD 298
Frequencies	N204598	Receiver Bandwidth	Operations Security Information	NSDD 298
Frequencies	N204598	Receiver Latitude	Operations Security Information	NSDD 298
Frequencies	N204598	Receiver Longitude	Operations Security Information	NSDD 298
Frequencies	N204598	Transmitter Latitude	Operations Security Information	NSDD 298
Frequencies	N204598	Transmitter Longitude	Operations Security Information	NSDD 298

Releasable

DOD\N 3450-3550 (Rev. 1) (Sufficient) - Excluded Info

Table	Row	Column	Agency Marking	Reference
Frequencies	N204598	Upper Frequency	Operations Security Information	NSDD 298
Frequencies	N204599	Center Lower Frequency	Operations Security Information	NSDD 298
Frequencies	N204599	Emission Bandwidth	Operations Security Information	NSDD 298
Frequencies	N204599	Operation Area	Operations Security Information	NSDD 298
Frequencies	N204599	Receiver Bandwidth	Operations Security Information	NSDD 298
Frequencies	N204599	Receiver Latitude	Operations Security Information	NSDD 298
Frequencies	N204599	Receiver Longitude	Operations Security Information	NSDD 298
Frequencies	N204599	Transmitter Latitude	Operations Security Information	NSDD 298
Frequencies	N204599	Transmitter Longitude	Operations Security Information	NSDD 298
Frequencies	N204599	Upper Frequency	Operations Security Information	NSDD 298

Releasable

DOD\N 3450-3550 (Rev. 1) (Sufficient) - Excluded Info

Table	Row	Column	Agency Marking	Reference
Frequencies	N204600	Center Lower Frequency	Operations Security Information	NSDD 298
Frequencies	N204600	Emission Bandwidth	Operations Security Information	NSDD 298
Frequencies	N204600	Operation Area	Operations Security Information	NSDD 298
Frequencies	N204600	Receiver Bandwidth	Operations Security Information	NSDD 298
Frequencies	N204600	Receiver Latitude	Operations Security Information	NSDD 298
Frequencies	N204600	Receiver Longitude	Operations Security Information	NSDD 298
Frequencies	N204600	Transmitter Latitude	Operations Security Information	NSDD 298
Frequencies	N204600	Transmitter Longitude	Operations Security Information	NSDD 298
Frequencies	N204600	Upper Frequency	Operations Security Information	NSDD 298
Frequencies	N204601	Center Lower Frequency	Operations Security Information	NSDD 298

Releasable

DOD\N 3450-3550 (Rev. 1) (Sufficient) - Excluded Info

Table	Row	Column	Agency Marking	Reference
Frequencies	N204601	Emission Bandwidth	Operations Security Information	NSDD 298
Frequencies	N204601	Operation Area	Operations Security Information	NSDD 298
Frequencies	N204601	Receiver Bandwidth	Operations Security Information	NSDD 298
Frequencies	N204601	Receiver Latitude	Operations Security Information	NSDD 298
Frequencies	N204601	Receiver Longitude	Operations Security Information	NSDD 298
Frequencies	N204601	Transmitter Latitude	Operations Security Information	NSDD 298
Frequencies	N204601	Transmitter Longitude	Operations Security Information	NSDD 298
Frequencies	N204601	Upper Frequency	Operations Security Information	NSDD 298
Frequencies	N204602	Center Lower Frequency	Operations Security Information	NSDD 298
Frequencies	N204602	Emission Bandwidth	Operations Security Information	NSDD 298

Releasable

DOD\N 3450-3550 (Rev. 1) (Sufficient) - Excluded Info

Table	Row	Column	Agency Marking	Reference
Frequencies	N204602	Operation Area	Operations Security Information	NSDD 298
Frequencies	N204602	Receiver Bandwidth	Operations Security Information	NSDD 298
Frequencies	N204602	Receiver Latitude	Operations Security Information	NSDD 298
Frequencies	N204602	Receiver Longitude	Operations Security Information	NSDD 298
Frequencies	N204602	Transmitter Latitude	Operations Security Information	NSDD 298
Frequencies	N204602	Transmitter Longitude	Operations Security Information	NSDD 298
Frequencies	N204602	Upper Frequency	Operations Security Information	NSDD 298
Frequencies	N204603	Center Lower Frequency	Operations Security Information	NSDD 298
Frequencies	N204603	Emission Bandwidth	Operations Security Information	NSDD 298
Frequencies	N204603	Operation Area	Operations Security Information	NSDD 298

Releasable

DOD\N 3450-3550 (Rev. 1) (Sufficient) - Excluded Info

Table	Row	Column	Agency Marking	Reference
Frequencies	N204603	Receiver Bandwidth	Operations Security Information	NSDD 298
Frequencies	N204603	Receiver Latitude	Operations Security Information	NSDD 298
Frequencies	N204603	Receiver Longitude	Operations Security Information	NSDD 298
Frequencies	N204603	Transmitter Latitude	Operations Security Information	NSDD 298
Frequencies	N204603	Transmitter Longitude	Operations Security Information	NSDD 298
Frequencies	N204603	Upper Frequency	Operations Security Information	NSDD 298
Frequencies	N204604	Center Lower Frequency	Operations Security Information	NSDD 298
Frequencies	N204604	Emission Bandwidth	Operations Security Information	NSDD 298
Frequencies	N204604	Operation Area	Operations Security Information	NSDD 298
Frequencies	N204604	Receiver Bandwidth	Operations Security Information	NSDD 298

Releasable

DOD\N 3450-3550 (Rev. 1) (Sufficient) - Excluded Info

Table	Row	Column	Agency Marking	Reference
Frequencies	N204604	Receiver Latitude	Operations Security Information	NSDD 298
Frequencies	N204604	Receiver Longitude	Operations Security Information	NSDD 298
Frequencies	N204604	Transmitter Latitude	Operations Security Information	NSDD 298
Frequencies	N204604	Transmitter Longitude	Operations Security Information	NSDD 298
Frequencies	N204604	Upper Frequency	Operations Security Information	NSDD 298
Frequencies	N204605	Center Lower Frequency	Operations Security Information	NSDD 298
Frequencies	N204605	Emission Bandwidth	Operations Security Information	NSDD 298
Frequencies	N204605	Operation Area	Operations Security Information	NSDD 298
Frequencies	N204605	Receiver Bandwidth	Operations Security Information	NSDD 298
Frequencies	N204605	Receiver Latitude	Operations Security Information	NSDD 298

Releasable

DOD\N 3450-3550 (Rev. 1) (Sufficient) - Excluded Info

Table	Row	Column	Agency Marking	Reference
Frequencies	N204605	Receiver Longitude	Operations Security Information	NSDD 298
Frequencies	N204605	Transmitter Latitude	Operations Security Information	NSDD 298
Frequencies	N204605	Transmitter Longitude	Operations Security Information	NSDD 298
Frequencies	N204605	Upper Frequency	Operations Security Information	NSDD 298
Frequencies	N208002	Center Lower Frequency	Operations Security Information	NSDD 298
Frequencies	N208002	Emission Bandwidth	Operations Security Information	NSDD 298
Frequencies	N208002	Operation Area	Operations Security Information	NSDD 298
Frequencies	N208002	Receiver Bandwidth	Operations Security Information	NSDD 298
Frequencies	N208002	Receiver Latitude	Operations Security Information	NSDD 298
Frequencies	N208002	Receiver Longitude	Operations Security Information	NSDD 298

Releasable

DOD\N 3450-3550 (Rev. 1) (Sufficient) - Excluded Info

Table	Row	Column	Agency Marking	Reference
Frequencies	N208002	Transmitter Latitude	Operations Security Information	NSDD 298
Frequencies	N208002	Transmitter Longitude	Operations Security Information	NSDD 298
Frequencies	N208002	Upper Frequency	Operations Security Information	NSDD 298
Frequencies	N208270	Center Lower Frequency	Operations Security Information	NSDD 298
Frequencies	N208270	Emission Bandwidth	Operations Security Information	NSDD 298
Frequencies	N208270	Operation Area	Operations Security Information	NSDD 298
Frequencies	N208270	Receiver Bandwidth	Operations Security Information	NSDD 298
Frequencies	N208270	Receiver Latitude	Operations Security Information	NSDD 298
Frequencies	N208270	Receiver Longitude	Operations Security Information	NSDD 298
Frequencies	N208270	Transmitter Latitude	Operations Security Information	NSDD 298

Releasable

DOD\N 3450-3550 (Rev. 1) (Sufficient) - Excluded Info

Table	Row	Column	Agency Marking	Reference
Frequencies	N208270	Transmitter Longitude	Operations Security Information	NSDD 298
Frequencies	N208270	Upper Frequency	Operations Security Information	NSDD 298
Notes	DON-3450-1	Note Text	Operations Security Information	NSDD 298
Notes	DON-3450-10	Note Text	Operations Security Information	NSDD 298
Notes	DON-3450-11	Note Text	Operations Security Information	NSDD 298
Notes	DON-3450-12	Note Text	Operations Security Information	NSDD 298
Notes	DON-3450-13	Note Text	Operations Security Information	NSDD 298
Notes	DON-3450-14	Note Text	Operations Security Information	NSDD 298
Notes	DON-3450-15	Note Text	Operations Security Information	NSDD 298
Notes	DON-3450-2	Note Text	Operations Security Information	NSDD 298

Releasable

DOD\N 3450-3550 (Rev. 1) (Sufficient) - Excluded Info

Table	Row	Column	Agency Marking	Reference
Notes	DON-3450-3	Note Text	Operations Security Information	NSDD 298
Notes	DON-3450-4	Note Text	Operations Security Information	NSDD 298
Notes	DON-3450-5	Note Text	Operations Security Information	NSDD 298
Notes	DON-3450-7	Note Text	Operations Security Information	NSDD 298
Notes	DON-3450-8	Note Text	Operations Security Information	NSDD 298
Notes	DON-3450-9	Note Text	Operations Security Information	NSDD 298