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STATE OF ALABAMA  
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ART FAULKNER  
DIRECTOR

April 18, 2014

Public Safety and Homeland Security Bureau Federal  
Communications Commission  
445 12th Street, SW  
Washington, DC 20554

**RE: First Substantial Service Certification WPTZ783 State of Alabama**

To Whom It May Concern:

The State of Alabama files the attached showing to demonstrate compliance with the first substantial service coverage of 1/3 of the state population by June 13, 2014.

Rule section 90.529 (b)(1) requires the state to "certify on or before the applicable benchmark that it is providing or prepared to provide "substantial service" to one-third of their population or territory by June 13, 2014." Rule Section 90.529(c) states "The Commission will deem a state "prepared to provide substantial service" if the licensee certifies that a radio system has been approved and funded for implementation by the deadline date. "Substantial service" refers to the construction of 700 MHz facilities by public safety entities providing service which is sound, favorable and substantially above a level of mediocre service which just might minimally warrant renewal".

In certifying compliance with the initial benchmark, the State of Alabama intends to demonstrate coverage to more than 1/3 of the state's population. In determining the percentage of the state population covered by WPTZ783, we used the U.S Department of Commerce Census Bureau quick facts website located at <http://quickfacts.census.gov>

WPTZ783 is governed by the Alabama First Responder Wireless Commission (AFRWC) and is used throughout the state by local, state, and federal agencies. Various local agencies have utilized WPTZ783 in building their own network which is used for public safety and public service communications by local, state, and federal agencies. The AFRWC has created a "system of systems" approach by leveraging local agency investments and combining multiple networks to create interoperability throughout the state. The Alabama Emergency Management Agency and the Alabama Department of Public Safety are but two state agencies that utilize these various networks. Immediate future plans are for Jefferson, Tuscaloosa, and Etowah counties to join the network.

Attached is a spreadsheet showing the various networks that utilize WPTZ783 and the population covered on a county basis.

Sincerely,

George T Hargrove III  
Communications and Technology Director  
Alabama Emergency Management Agency

## WPTZ783 1st Buildout Requirement as of April 18,2014

System Name	County Served	Population
Madison-Huntville	Madison	343,080
	Morgan	120,395
	Limestone	87,654
	Marshall	94,776
	Cullman	80,440
Baldwin	Baldwin	190,790
Mobile	Mobile	413,936
Chilton	Chilton	43,819
Montgomery	Montgomery	230,149

Total Alabama Population, 2013 Estimate	4,833,722
Total State Population Served	1,605,039
% of Population Served	33%

Source

<http://quickfacts.census.gov>