

Attachment 5: National Telecommunications Information Administration (NTIA) Licensing and Experimental Station Status

Reference: FAA AIR-160 UAPO Guidance Document 07-01

The National Telecommunications Information Administration (NTIA), through the DOE, has granted the Idaho National Laboratory status as an “Experimental Station.” Experiments, experimental operations and experimental activities refer to the utilization of radio waves in experiments with a view to the development of the science or technique of radio communication. This Experimental Station status of INL, as defined NTIA Redbook section 7.11, gives the INL permission to test most all frequencies based on local interference analysis and control measures, except those specifically excluded in 7.11 page 9 which are:

The following frequency bands are specifically excluded from this authority:

kHz	MHz	GHz
495.0-510.0	73.0-74.8	10.68-10.70
2173.5-2190.5	121.4-121.6	15.35-15.40
8354.0-8374.0	156.7-156.9	23.60-24.00
21850.0-21870.0	242.8-243.2	31.20-31.50
	1215.0-1240.0	52.00-54.25
	1400.0-1427.0	58.20-59.00
	1559.0-1610.0	64.00-65.00
	2690.0-2700.0	86.00-92.00
	4990.0-5000.0	101.00-102.00
		130.00-140.00
		182.00-185.00
		230.00-240.00

As a NTIA certified experimental station, INL may test communications systems with a view towards science or technology. INL has almost 889 square miles of largely unpopulated areas with INL-controlled use of RF frequencies. A security force defends the site’s perimeter from unauthorized trespassers 24 hours day.

NTIA Manual of Regulations and Procedures for Federal Radio Frequency Management (January 2000 Edition with May/September 2000 Revisions) or “NTIA Redbook”
<http://www.ntia.doc.gov/osmhome/redbook/redbook.html>

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Idaho National Laboratory FAA UA Certificate of Authorization Application 08/01/07

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