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Spectrum Policy for Innovation

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■ The Message on One Slide

- U. S. Spectrum Policy is out-of-date:
 - ~ 300 MHz is assigned to broadcast TV
 - Even more if we count satellite and microwave
 - ~ 292 MHz is assigned to Big Four mobile networks
 - Yet ten times more Americans use mobile than watch TV OTA
- We got here by a process of static, administrative assignment.
- We need a dynamic process that allocates spectrum by demand.
- Multiple-use networks are *better* than single-use applications.
- Marketplace allocation is better than administrative allocation.
- Leave the door open to new technologies such as Dynamic Spectrum Access that may change the game in a few years.

- **Recommendation One**

Congress should grant permissive incentive auction authority to the FCC.

■ Recommendation Two

Broadcasters who don't participate in the incentive auction should be reassigned to digital TV channels shared with other non-participating broadcasters.

■ Recommendation Three

The FCC should phase out existing application-specific licenses and work toward the goal of creating a single network with multiple components.

■ Recommendation Four

The FCC should plan for a second DTV transition that redefines DTV as an application provided by multi-purpose networks.

■ Recommendation Five

The FCC should regard unauthorized spectrum use as the violation of the law that it is.

■ Recommendation Six

Spectrum licenses issued in the future should be subject to review and revocation on a five to ten year basis to allow for the ultimate deployment of Dynamic Spectrum Allocation systems when practical and beneficial.

■ Recommendation Seven

Congress should clarify the rights of spectrum license holders relative to their neighbors and authorize the FCC to adjudicate such disputes in a rule-driven, case-by-case procedure.

■ Recommendation Eight

The NTIA should develop a plan to privatize most of the spectrum currently assigned to government agencies at the federal, state, and local levels.

■ Recommendation Nine

The national public safety network proposed by S. 911 should not be built as currently conceived. Instead, it should be a Mobile Virtual Network (MVN) running over commercial spectrum funded in part by auction proceeds and serving first responders.

■ Recommendation Ten

The FCC should develop an empirical means for determining the relative value of exclusive spectrum licensing versus non-exclusive use.

Thank You

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