

# Block Sizes for LTE

- Carrier considerations for block sizes for spectrum allocation
- Early access to spectrum versus larger blocks after more clearing
- Alignment with existing spectrum allocation
- What role does technology play in block sizes
- Alignment with the global ecosystem

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- **Extend Existing Blocks of Spectrum:**
  - Large new clean blocks are optimal but unlikely anytime soon
  - The next preferred option is to grow block sizes adjacent to today's allocation if feasible
  - Heavier reliance on technology to bridge the gap in the next few years (*i.e.*, carrier aggregation)
- **Harmonization with Global Bands:**
  - Effort should be made to harmonize the spectrum bands created in the US with bands created in other parts of the world.
  - Harmonization creates larger eco-system which would drive increased innovation, more competition and lower prices

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- **Implementation Flexibility:**
  - Promote flexibility in new or existing bands to allow best use of spectrum to support changes in technology and or customer behavior.
  - Every effort should be made to harmonize the rules with global allocation (e.g., OOBE)
- **Phased Approach:**
  - Consider allocating the new spectrum bands in smaller sizes first to allow for more rapid deployment
  - Consider pushing for more aggressive spectrum clearing in phases
  - Create coordinated long-term allocation plans and rules to encourage carriers to pursue and extend bands