

# C-Band Alliance

## ITIF Forum On Mid-Band Spectrum

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# The U.S. Cannot Fall Behind In The Race To 5G

- Every part of the U.S. Government is urging maximum speed in the race to 5G - FCC Chair & Commissioners, Congressional Leaders, The Administration, Larry Kudlow “Let it rip!”
- C-Band is the “Goldilocks” spectrum - not too high, not too low
- Mid-band spectrum is critical to extend 5G across America
  - Trying to cover all of America with mmWave spectrum would be like trying to cut your lawn with a pair of scissors
- Carriers in other countries already have mid-band spectrum

# Secondary Transactions Are The Only Way To Promptly and Efficiently Repurpose C-Band Spectrum For 5G

- The FCC auction calendar is very full with hopes for a CBRS PAL auction by 2020 - any government C-band auction would be later
- Unlike private transactions, FCC auctions require lengthy proceedings in advance to set rules, etc.
- The satellite carriers are under no legal obligation to clear even 1 MHz of spectrum
- Any effort to seize spectrum involuntarily would produce more than a decade of litigation
- By the time any government process got underway, 5G in the U.S. would be a small blip in China's rear view mirror

# CBA 200 MHz Plan Is A Fact Based, Good-Faith Effort To Make Spectrum Available Quickly For U.S. 5G

- CBA members surveyed customers' current and near term needs
- And CBA members analyzed how many more satellites could be launched into their licensed orbital arcs and how much capacity that creates
- Based on these **facts**, CBA determined that it could free up 200 MHz **voluntarily** within 18 to 36 months of final FCC Order while maintaining service continuity for current satellite customers
- The opportunity to engage in secondary market transactions, and receive the proceeds, creates the financial incentive for the CBA members to undertake the costly, disruptive and difficult **voluntary** clearing process



# CBA Wants To Help U.S. Move Forward Quickly On 5G

- In keeping with government urging, CBA will move forward quickly
- CBA plans an open process and is sending hundreds of certified letter invitations to prospective bidders
- CBA will make special accommodations for smaller rural telcos and wireless carriers who are interested in C-band
- CBA will work cooperatively with FCC, carriers and others on technical Rules regarding power levels, OOB, etc.
- The FCC will set the rules and make the key decisions

# There Is Wide And Broad Support For The CBA Plan

- Widespread support in FCC Comments for CBA plan
- Supporters include commercial aviation industry, C-band satellite operators, Internet service providers, broadcasters, nonpartisan think tanks, content distributors, video programmers and programming networks, data and telecommunications equipment providers, satellite transmission companies, industry associations, wireless carriers, and non-profit associations.
- No other proposal enjoys anywhere near this level of support

# Opponents Of CBA Plan Have Other Agendas

- T-MO wants to slow our process until their merger is resolved. Great company, great people but can't hold 5G for America hostage to T-MO's second attempt to merge with Sprint
- Cable companies should be commended for making the investments to bring all of us high speed broadband. But, understandably, they are not eager to have competition from 5G wireless so they want to pour regulatory sand into the gears of the CBA process





## Mobile World Congress Americas, Los Angeles, Sept '18

Cable hopes to delay competition from 5G wireless!



# FCC Should Reject The BAC & “No Customers/No Revenues” Satellite Carriers’ Proposals

- The BAC proposal to introduce P2MP in the reduced FSS band and eliminate full arc/band was widely panned by most commenting parties
- The FSS operators need full arc/band even more to clear 200 MHz and operate in a reduced band
- An opportunistic group of FSS carriers, who admit to having no U.S. customers and no U.S. revenues, nonetheless are attempting to use the regulatory process to get paid off
- CBA will reimburse them for any costs they incur but they do not deserve to be compensated for non-existent lost revenues

# C-Band Customers Are A Government And CBA Priority

- While the race to 5G is important, continuing great service to existing C-band customers is a priority for government and CBA
- Almost every bit of television you see comes over C-band satellites with 99.999% reliability
- The government does not want programmers, broadcast and cable beating on their doors with complaints
- CBA will assure continuation of C-band service (not some inferior substitute) to existing customers and will cover the costs of the transition for those customers