

# EchoStar Satellite Overview

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# Overview

- o Echo III
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- o Tweeners
- o Additional Spectrum Opportunities

# Echo III Update

- o Expanded use of channels 23/24 at 61.5° WL has distinct pro-consumer results
- o Echo III has not lost any additional transponders since October
- o Re-evaluation of corrective long-term options in light of January Sea Launch failure
- o Final licensing of channels 23/24 should be open to all potential DBS applicants. Action on these issues in Tweener proceeding: our recon petition will be moot

# AMC-16 Update

- o AMC-16 is set to return to 85° WL from 118.75° upon launch of ANIK F3 satellite
- o We appreciate FCC efforts to provide SES operational flexibility in light of launch delays
- o AMC-16 operated temporarily at 97° WL and 113° WL two years ago.

# Reverse Band

- o ITU Allocation is effective April 1. Unique opportunity to expand DBS capacity: general consensus on technical rules.
- o Compromise band plan proposed by SES and EchoStar: objective should be to allow flexible system design

# Tweeners

- No consensus on how to proceed, or proper interference criterion
- Real world conditions raise concerns
  - Dish mispointing
  - Prospects of interference from other licensed services

# Additional Spectrum Opportunities

- o **CARS Band:** FCC agreed 5 years ago to examine expanded uses for underutilized CARS Band
- o **NGSO FSS Band:** Four year old petition to permit GSO FSS use of underutilized spectrum on co-primary basis