THE U.S. C-BAND TRANSITION IS COMPLEX AND WELL UNDERWAY



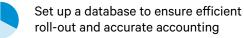
to transition approximately 200 services from 500 to 200 MHz of C-band spectrum.



File plan with FCC



File updated plan with FCC



Partner with industry groups to understand their questions and

share best practices

Outreach to earth station operators to schedule equipment installation by SES-hired teams



Outreach to ensure all Incumbent Earth Stations accessing SES satellites have been accounted for

SATELLITES



SES will launch four new satellites to guarantee sufficient capacity for current customers and ensure the continuity and quality of existing services.

Launch first set of satellites

Launch second set of satellites

Raise the satellites to their testing orbital locations

PREPARATION

SES will establish the platform necessary to transition services—including TV and radio distribution and data network ecosystems safely and seamlessly.



Hire U.S. companies to help install/retune ground equipment



Hire U.S. companies to build satellites necessary to transition customers

Hire U.S. companies to launch satellites



ON-THE-GROUND

Per the Report & Order and customer discussions, SES will ensure the relevant customers' ground stations are correctly pointed and tuned, have upgraded compression technology where required, and have filters installed to protect customers against interference from new 5G services.

Deploy teams to earth stations to install antenna equipment and filters



Establish a Help Desk for earth station concerns

Install antennas and satellite ground control equipment at telemetry, tracking and control ("TT&C") locations to ensure continued safe

Complete testing

Move the satellites to their final orbital locations and initiate service on the satellites

Migrate services from old satellites to new satellites

satellite operations

Consolidate gateway services to allow ongoing receipt of international video content and to support valuable data services



ROLLOUT OF 5G in 46

top U.S. markets as early as December 2021 and to all Americans in continental U.S. by December 2023 SEAMLESS CONTINUATION AND PROTECTION OF EXISTING TV AND RADIO SERVICES delivered via C-band to nearly 120 million homes

