

-43.4668°

170.1882°



C-band Customer Update

Intelsat

15 December 2021

Agenda

1. Situational summary
2. FCC update
3. Satellite plan review
4. Earth station planning and activities
5. Questions

Please ensure you are on mute

You can raise questions via the CHAT function

Situational summary



- All Operators filed Phase 1 certifications
- Quarterly updates due at end-of-year



- Phase one filtering complete
- Phase 2 transition and filtering plans completed



- Intelsat TT&C consolidation/construction activities are on-schedule
- Spacecraft manufacturing schedule on-track for delivery of replacement satellites

FCC Update

Ray Rutngamlug

FCC Updates

- The deadline for responding to the FCC's September 27, 2021 Public Notice on inactive or non-operational C-band earth stations will expire on December 27, 2021. In that Public Notice, the International Bureau provided notice to various operators of incumbent C-band earth stations that their antennas were designated by the Relocation Coordinator as inactive, over-registered, or not receiving C-band satellite service. Absent affirmation by earth station owners that such antennas are operational and receiving C-band service, the antennas will be removed from the incumbent list.
- Intelsat and the other satellite operators will be filing their Quarterly Reports to provide an update on C-band clearing activities for the fourth quarter of 2021. These filings, due at the end of December, will be the first status updates since the operators' Phase I certifications were filed and validated, and thus will focus on Phase II clearing activities.

Intelsat satellite program update

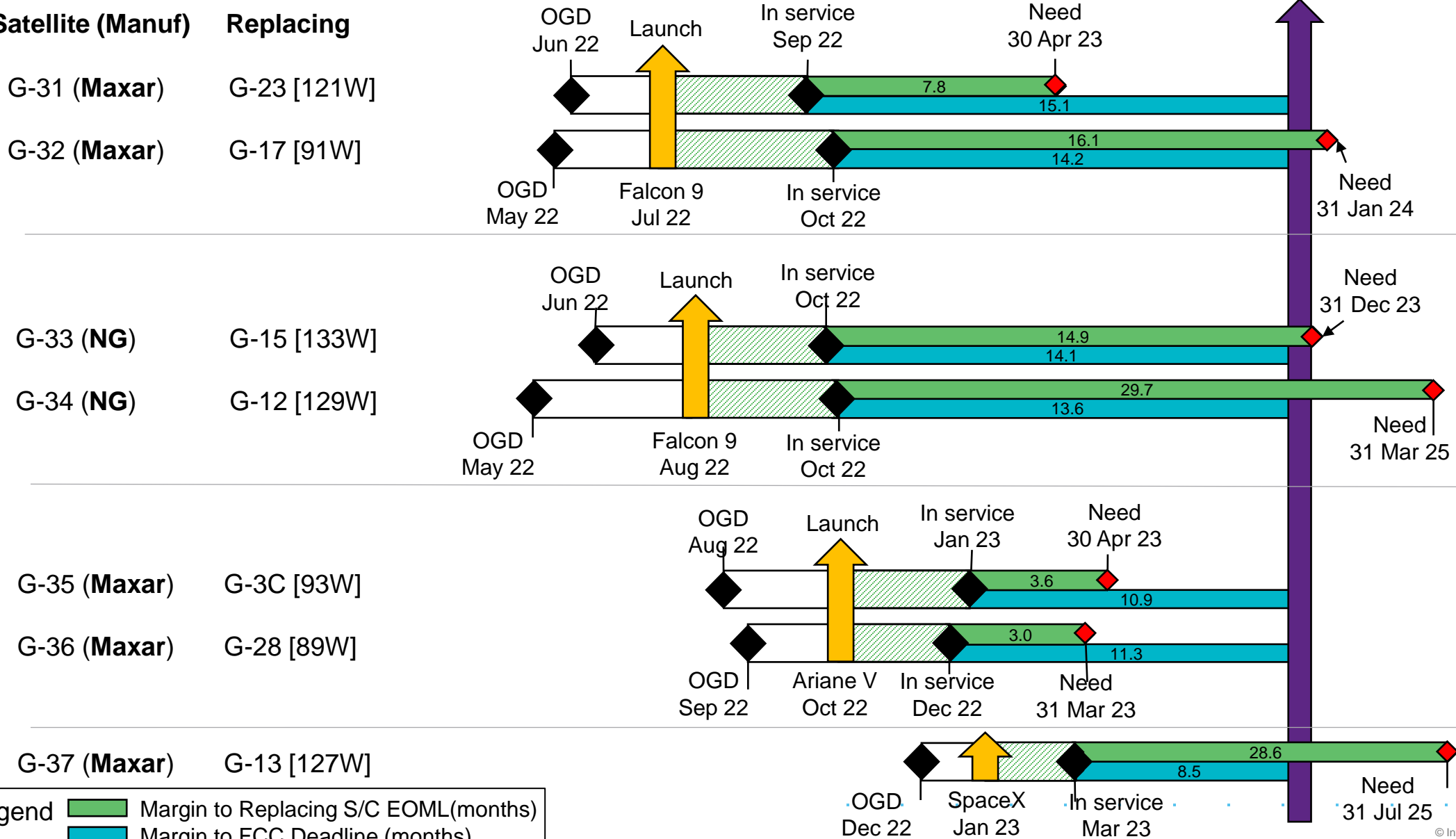
Loid Saillard

C-band Satellite Timeline [As of 15 Dec 2021]

FCC
Deadline
5 Dec 23



Satellite (Manuf) Replacing



Legend
 Margin to Replacing S/C EOML(months)
 Margin to FCC Deadline (months)

Ground segment update

Dave Miller

Comparing Phase 1 and Phase 2

Phase 1 Accomplishments

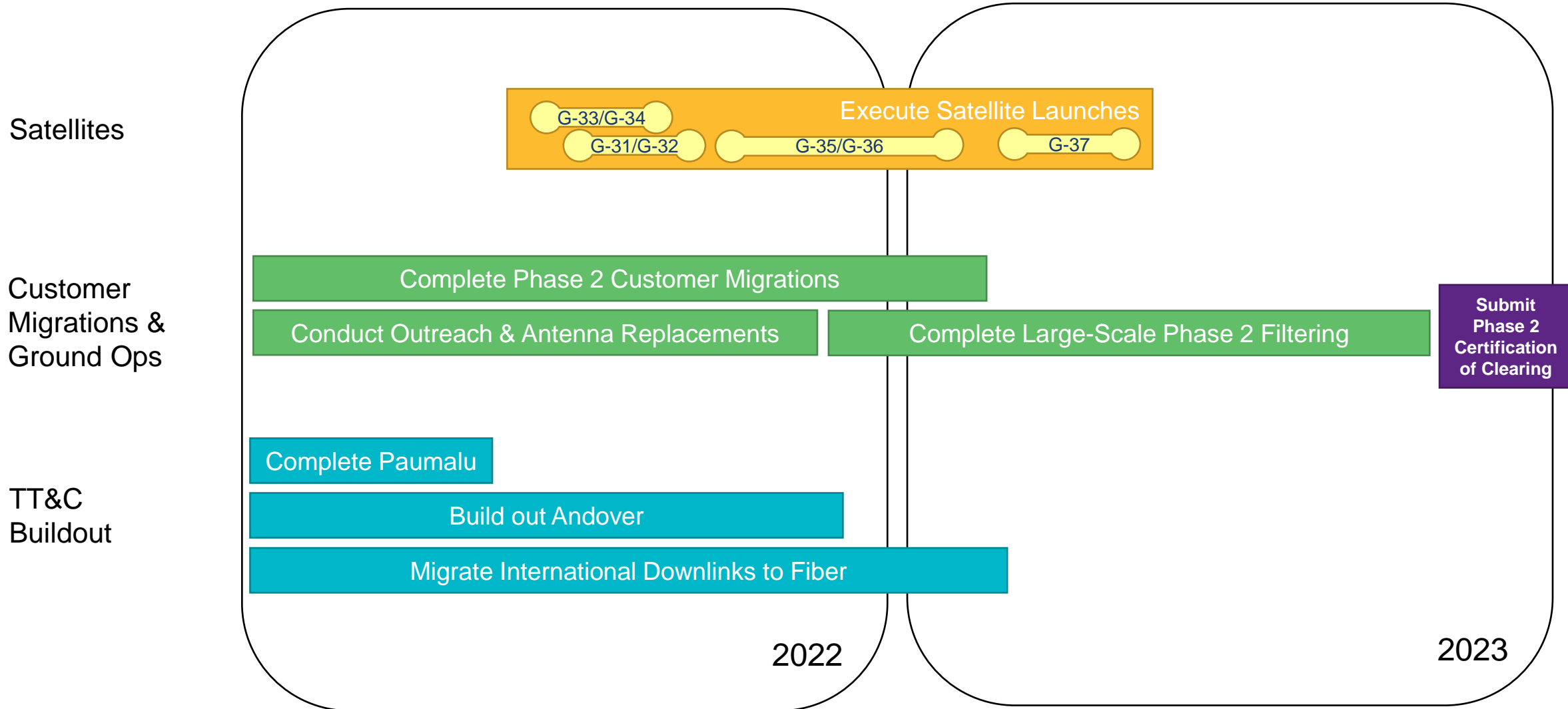
- ✓ **120 MHz cleared** across the Galaxy fleet
- ✓ **70+ services migrated** to upper 380 MHz
- ✓ **5 customers compressed** some (or all) of their services
- ✓ **7000 IRDs installed** at customer affiliates for Phase 1
- ✓ **275 Rx antennas** installed throughout the country
- ✓ **5000 filters** at 575 sites installed
- ✓ **Brewster teleport** and antennas up and operational

Phase 2 Requirements

- ❑ **Clear 180 MHz** across the Galaxy fleet
- ❑ **Migrate 63 customer services** to upper 200 MHz
- ❑ **Compress some or all of 8 customer's services**
- ❑ **Ship and have installed 22,000 IRDs** at MVPDs/affiliates
- ❑ Replace or build **150 – 200 antenna**
- ❑ **Install 13,000 filters** at 1,350 sites (350 sites already completed)
- ❑ Build out and operationalize **Andover teleport TT&C and customer services**
- ❑ **Build and launch 7 satellites via 4 launches**

Did I mention Phase 3?

Phase 2 Timeline

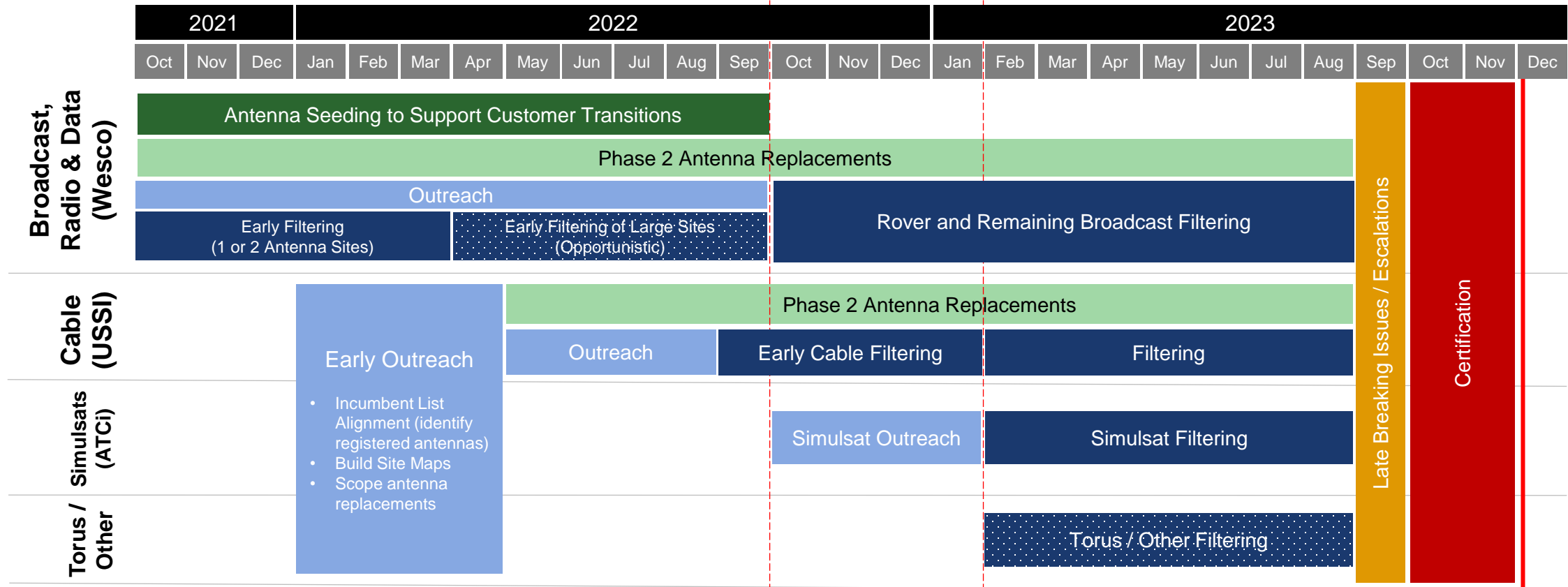


Phase 2 Ground Clearing Roadmap



No OU below 4000 MHz

Cable Satellite Transitions Complete (G-17)



Thank you for your partnership in 2021!