

# SES Transition Update

Multi-Stakeholder Working Group #2

05 February 2021

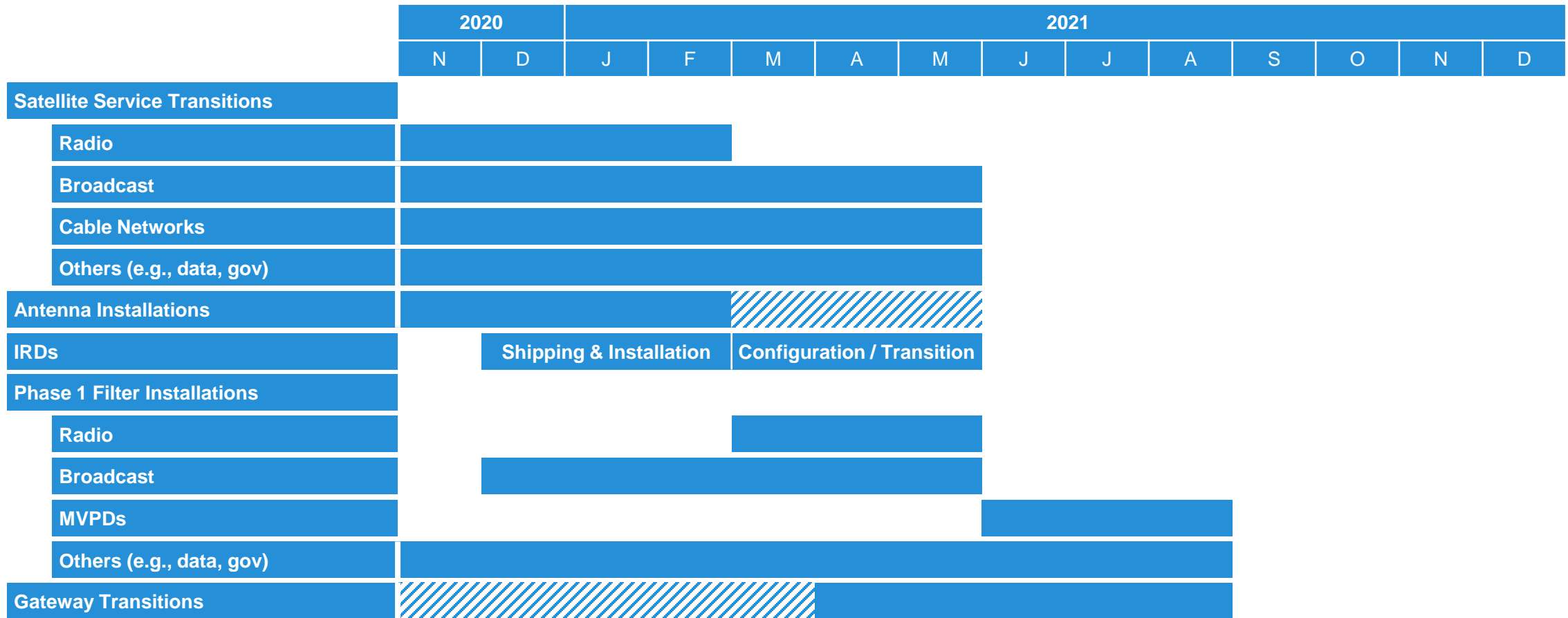
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Vice President / Technology

- ▲ Quarterly report filed on 31 December 2020
  - Available at: <https://www.fcc.gov/ecfs/filing/1231091650114>
  - Incorporates any changes/deletions/additions to satellite services and Incumbent Earth Stations
- ▲ Further transition plan updates will be provided in the SES 1Q2021 report to be filed with the FCC on or before 31 March 2021
- ▲ Interim updates will be available on the SES dedicated C-band transition webpage
- ▲ SES and Intelsat are coordinating on shared sites (e.g., MVPDs)
  - Using common installers (USSI, ATCi)
- ▲ SES and Intelsat are coordinating with the Relocation Coordinator (RSM) on Incumbent Earth Stations not claimed by any IES operator, unresponsive IES operators and IES no longer in use

# Transition Timing for Phase 1

C-band transition is well-underway; over 50% of Phase 1 satellite service transitions have been completed

All Phase 1 transitions on satellites will be complete on 31 May



# Status and Plan for Phase 1 Clearing

## MVPDs and Cable Programming

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- ▲ Remaining Phase 1 cable programming services will be transitioned by 31 May (see next slide)
- ▲ Comcast HITS technology upgrades are on track
  - IRDs
    - 97% of IRDs shipped; 85% of HITS affiliates have received equipment
    - All IRDs and associated equipment will be shipped to affiliates by mid-February
    - HITS affiliates should have equipment installed by 28 Feb; installation support provided by Harmonic as needed (info in your shipment documentation)
  - AMC-11 antennas
    - Pacific Cable will be performing installs at HITS affiliates; if you need a new or upgraded antenna in Phase 1, you have been or will be contacted by Pacific Cable soon. Please answer their calls / emails. Two categories of installations:
      - HITS affiliates without antenna pointed at AMC-11
      - HITS affiliates in 46 Phase 1 PEAs with undersized antennas\*
    - All AMC-11 HITS affiliate antennas for Phase 1 will be installed by 31 May
  - HITS service transitions begin in March and will be completed by 31 May
- ▲ Other MVPD antennas
  - USSI will be installing antennas at Phase 1 MVPDs that have undersized antennas\*; this will be completed by 31 May
- ▲ MVPD filter installations by USSI will begin 1 June and will be completed by 31 August

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\*Undersized antennas are those antennas that will not provide adequate link margin with filter installed

# Remaining Phase 1 Cable Programing Transitions



Service ID	Service Name	Pre-Transition Satellite	Pre-Transition Transp	Pre-Transition CF (MHz)	Pre-Transition BW (MHz)	Post-Transition Satellite	Post-Transition Transp	Post-Transition CF (MHz)	Post-Transition BW (MHz)	Transition Start	Transition End	Transition Status
SES-1_01C_3706_8	Weigel Broadcasting Company	SES-1	01C	3706.000	8.000	SES-1	12C	3930.000	8.000	2021-03-01	2021-05-31	P
SES-1_01C_3725_12	Weigel Broadcasting Company	SES-1	01C	3725.000	12.000	SES-1	12C	3952.000	12.000	2021-03-01	2021-05-31	P
SES-1_01C_3733_4	Weigel Broadcasting Company	SES-1	01C	3733.000	4.000	SES-1	12C	3924.000	4.000	2021-03-01	2021-05-31	P
SES-1_03C_3744_4	Weigel Broadcasting Company	SES-1	03C	3744.000	4.000	SES-1	12C	3936.000	4.000	2021-03-01	2021-05-31	P
SES-1_03C_3748_4	Weigel Broadcasting Company	SES-1	03C	3748.000	4.000	SES-1	12C	3940.000	4.000	2021-03-01	2021-05-31	P
SES-1_03C_3764.7_4	Weigel Broadcasting Company	SES-1	03C	3764.700	4.000	SES-1	12C	3944.000	4.000	2021-03-01	2021-05-31	P
SES-1_24C_4180_36-1	United Teleports	SES-1	24C	4180.000	36.000	SES-1	08C	3860.000	36.000	2021-01-01	2021-05-31	I
SES-3/3R_01C_3720_36	QVC	SES-3/3R	01C	3720.000	36.000	SES-3/3R	19C	4080.000	36.000	2020-12-01	2021-05-31	I
SES-3/3R_04C_3780_36	MSGN	SES-3/3R	04C	3780.000	36.000	SES-3/3R	09C	3880.000	36.000	2021-05-01	2021-05-31	P

## Notes

1. Comcast HITS not shown as all HITS affiliates are currently being coordinated for transition
2. Non-cable networks (e.g., radio networks, broadcast TV, data and government) not shown

- ▲ USSI (virtual site surveys, filter and antenna installations)
- ▲ Pacific Cable (HITS antenna installations)
- ▲ ATCi (Simulsat antenna and filter installation)
- ▲ Superior Satellite (Simulsat technical assessment, outreach assistance)
- ▲ Harmonic (Comcast HITS IRDs and associated equipment)
- ▲ Viking Satcom (antenna and filter logistics management)

# Key Points

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- ▲ Review SES' Appendix C (SES Incumbent Earth Station Claims) to ensure information is correct; contact SES with discrepancies (customers and customer affiliates)
  - ▲ Respond to emails and answer calls from SES partners; be able to correctly assess your antenna(s) when contacted
  - ▲ Contact RSM (Relocation Coordinator) regarding FCC filing concerns
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**Dedicated webpage: [www.ses.com/north-america/c-band-transition](http://www.ses.com/north-america/c-band-transition)**

**Email: [cbandhelp@ses.com](mailto:cbandhelp@ses.com)**

**C-Band Help Desk Line: 609-987-4400**

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