



Monthly IntelSat ESO Update

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08 September 2022





Galaxy 15 Anomaly

Interference largely mitigated; Continuing to work to regain control of the satellite

- Intelsat lost the ability to consistently command the satellite on August 10, 2022
 - Multiple attempts to command the satellite have been unsuccessful but we continue to try
- Galaxy 15 is particularly susceptible to space weather, which was the cause of the 2010 anomaly
 - Two on-board components tasked with receiving and executing commands failed at the same time (again)
 - However, following the 2010 incident, several safeguards were added to the spacecraft
- The safeguard that executed on August 31 “muted” the payload
- The replacement satellite, Galaxy 33, will be launched on or about October 5 and in service in early November at 133W



C-Band Program Update

Program continues to progress to schedule

- Phase 2 Customer transitions are ~80% complete to date
 - Minor shifts to a couple of transitions resulting from Galaxy 15 anomaly
- IRD shipments are ~99% complete
 - EDM has two transitions left; about 200 IRDs total
- Andover, ME teleport buildout remains on track
 - Services expected to begin migrating in November 2022 timeframe
- Phase 2 filtering begins in earnest this week
 - Because MVPDs often have several antennas and filtering them takes days, Intelsat is rolling trucks now to cover the cleared satellites
 - G-23, G-17 being held back until migrations are complete in February
 - This is good for everyone – less time-sensitivity, less work at the end, time to burn in before all licensees deploy at the end of Phase 2
 - Many sites already scheduled through year-end – Thank you for your cooperation!



Reminders

Discussion topics for MVPDs

1. Earth station licenses

- SSO are tasked with identifying and closing out all registered earth stations
- If you have an earth station that is no longer in use, we can only close it out by reporting it to the RC; This spawns a request from the IB to de-register your antenna and the earth station being added to a public notice

2. IRD returns

- Several requests for non-activated equipment are underway currently, please respond and return non-activated equipment

Remaining Transitions

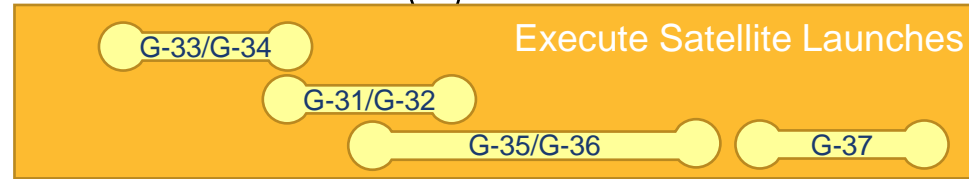
We're in the home stretch

Start	End	Change	Customer	Sat-Trx Star	Lower Freq. (MHz)	Upper Freq. (MHz)	Sat-Trx End	Lower Freq. (MHz)	Upper Freq. (MHz)	Technology
11-Jul-22	30-Sep-22	S, F	Disney	G-16 13C	3942	3978	G-19 21C	4102	4138	
05-Sep-22	05-Oct-22	F	C-SPAN	G-30 14C	3962	3998	G-30 16C	4002	4038	
01-Nov-22	01-Dec-22	F	INSP	G-15 17C	4022	4058	G-15 15C	3982	4018	
01-Sep-22	30-Nov-22	F,P	Comcast/NBCU	G-17 07C	3822	3858	G-17 18C	4042	4078	
01-Nov-22	30-Nov-22	F	AT&T Sports	G-17 11C	3902	3938	G-17 17C	4022	4058	
05-Sep-22	04-Dec-22	C, S	Encompass	G-23 15C	3982	4018	G-30 15C	3982	4018	HEVC
01-Nov-22	04-Jan-23	S, F	Sinclair	G-17 08C	3842	3878	G-15 16C	4002	4038	HEVC
01-Nov-22	04-Jan-23	S, P, F	Sinclair	G-17 08C	3842	3878	G-15 17C	4022	4058	HEVC
01-Nov-22	04-Jan-23	S, F	Sinclair	G-17 15C	3982	4018	G-15 17C	4022	4058	HEVC
05-Jan-23	04-Feb-23	F	Altitude Sports & Entertainment	G-17 09C	3862	3898	G-17 23C	4142	4178	
05-Jan-23	04-Feb-23	F	AMC	G-17 13C	3942	3978	G-17 15C	4000	4018	
05-Oct-22	05-Nov-22	F	BYU	G-17 12C	3922	3958	G-17 18C	4042	4078	
05-Jan-23	04-Feb-23	F	The SPACECONNECTION	G-17 12C	3922	3958	G-17 18C	4042	4078	
05-Jan-23	04-Feb-23	F	The SPACECONNECTION	G-17 12C	3922	3958	G-17 22C	4122	4158	
30-Jan-23	28-Feb-23	F	ViacomCBS (Paramount)	G-17 10C	3882	3918	G-17 24C	4162	4198	HEVC
30-Jan-23	28-Feb-23	F	ViacomCBS (Paramount)	G-17 14C	3962	3998	G-17 24C	4162	4198	HEVC
01-Mar-23	31-Mar-23	F	Dejero Labs	G-19 14C	3962	3998	G-19 16C	4002	4038	

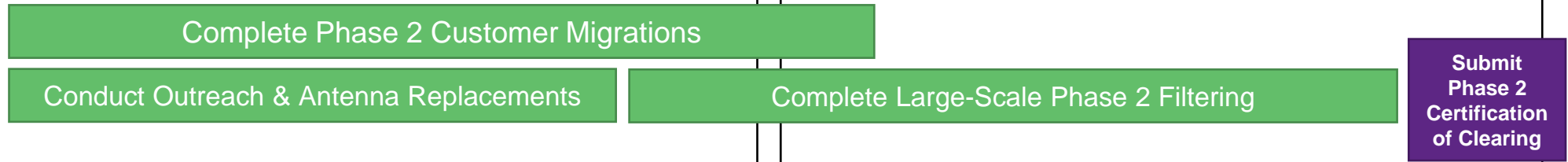
Dates in yellow are dependent on Galaxy 33 (Galaxy 15's replacement) being launched and in service by November 1; target start dates are still being discussed with programmers

Phase 2 Timeline

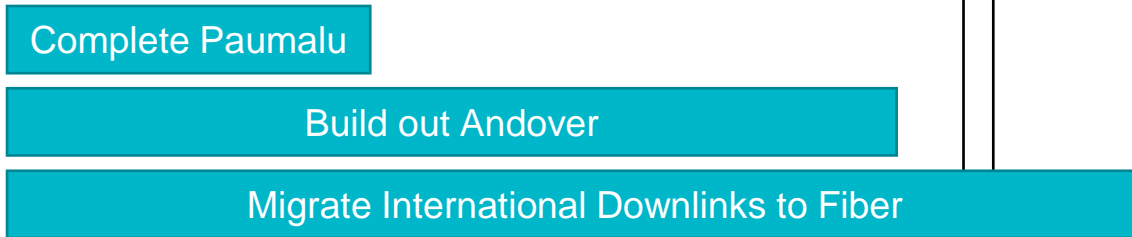
Satellites



Customer Migrations & Ground Ops

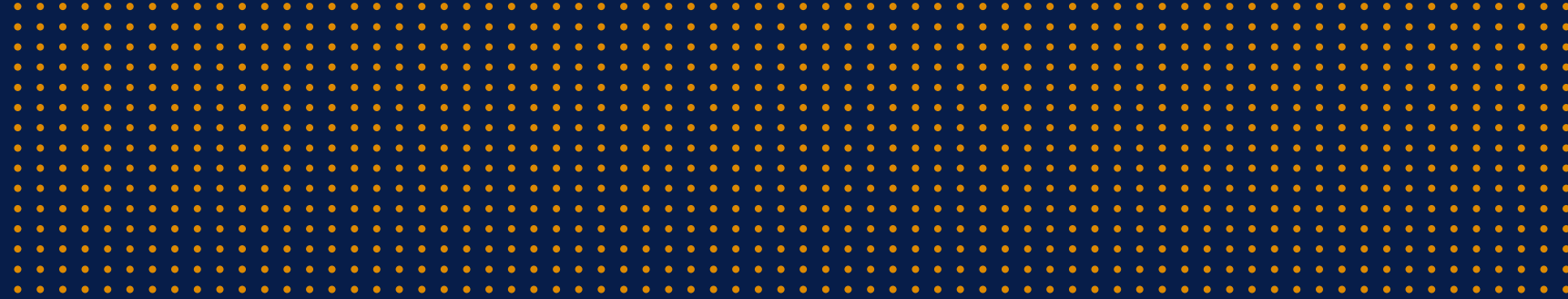


TT&C Buildout



2022

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