

-43.4668°

170.1882°

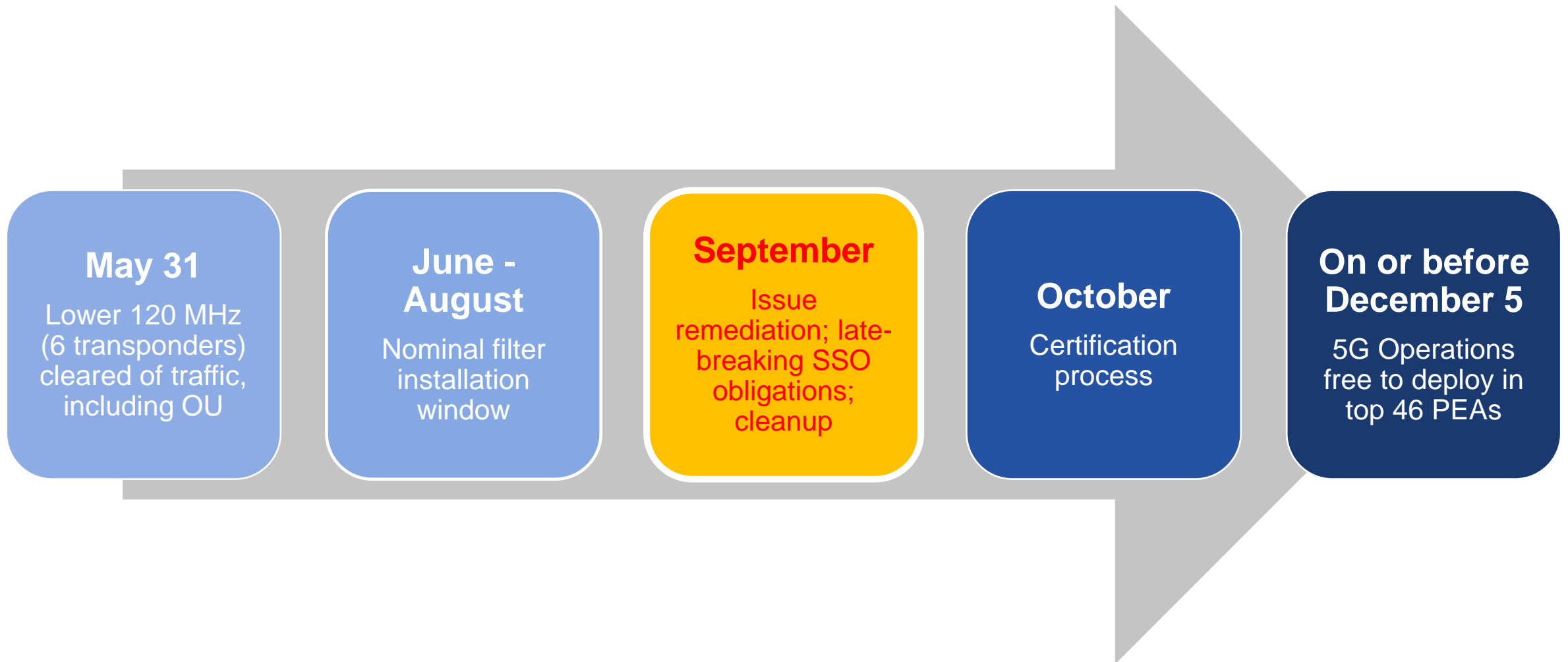
Monthly Intelsat ESO Update

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15 September 2021

Phase I Clearing Deadline

Clearing by December 5, 2021 deadline requires filtering completion this Summer



All Systems “Go” for October Certification



- Filtering: 98% complete – handful of revisits and installs remain
 - On target to Certify within 30 days
- Brewster Teleport:
 - Power Systems and Infrastructure commissioned and operational
 - IS21 and associated Media Gateway equipment for international content, online and operational
 - Spectrum monitoring antennas both online and operational
 - Transfer of TT&C Operations from Riverside to Brewster for IS-18, IS-23 and IS-34 on track for next week
- Terrestrial delivery of International content to designated CONUS earth stations on track to complete by end of September.

Transitions beginning/ending in the next 6 months



Start	Duration (Days)	End	Change	Customer	Sat-Trx Start	Lower Freq. (MHz)	Upper Freq. (MHz)	Sat-Trx End	Lower Freq. (MHz)	Upper Freq. (MHz)	Technology
01-Apr-21	90	30-Jun-21	S, F	Disney	G-17 17C	4022	4058	G-30 11C	3902	3938	
01-Apr-21	90	30-Jun-21	C, S, P, F	Disney	G-30 14C	3962	3998	G-18 24C	4162	4198	HEVC
01-Apr-21	90	30-Jun-21	F	Overon	G-23 24C	4162	4198	G-23 22C	4122	4158	
10-Oct-21	90	31-Dec-21	C, S, F	Sinclair	G-13 13C	3942	3978	G-17 08C	3842	3878	HEVC
01-May-21	122	31-Aug-21	C	FoxCorp	G-16 19C	4062	4098	G-16 19C	4062	4098	HEVC
01-May-21	122	31-Aug-21	C	FoxCorp	G-3C 18C	4042	4078	G-3C 18C	4042	4078	HEVC
01-May-21	122	31-Aug-21	C	FoxCorp	G-3C 19C	4062	4098	G-3C 19C	4062	4098	HEVC
01-Jul-21	90	29-Sep-21	C	Disney	G-18 22C	4122	4158	G-18 22C	4122	4158	HEVC
01-Jul-21	90	29-Sep-21	C, S, P, F	Disney	G-30 09C	3862	3898	G-18 23C	4142	4178	HEVC
01-Jun-21	210	28-Dec-21	C, F	Discovery	G-13 22C	4122	4158	G-13 24C	4162	4198	AVC
01-Oct-21	90	30-Dec-21	C, S, F	Disney	G-30 07C	3822	3858	G-18 22C	4122	4158	HEVC
06-Dec-21	30	05-Jan-22	F	FoxCorp	G-15 10C	3882	3918	G-15 24C	4162	4198	HEVC
06-Dec-21	30	05-Jan-22	F	The SPACECONNECTION	G-19 07C	3822	3858	G-19 17C	4022	4058	
06-Dec-21	30	05-Jan-22	F	Tri-State Christian TV	G-17 14C	3962	3998	G-17 18C	4042	4078	
06-Dec-21	30	05-Jan-22	F	US Government	G-16 10C	3882	3918	G-16 24C	4162	4198	
06-Dec-21	60	04-Feb-22	P, F	Globecast	G-19 13C	3942	3978	G-19 18C	4042	4078	
05-Jan-22	30	04-Feb-22	F	PROLASA	G-19 15C	3982	4018	G-19 17C	4022	4058	
06-Dec-21	60	04-Feb-22	P, F	Shepherd's Chapel	G-16 16C	4002	4038	G-16 15C	3982	4018	
06-Dec-21	60	04-Feb-22	P, F	United Teleports Inc.	G-19 10C	3882	3918	G-19 17C	4022	4058	
06-Dec-21	90	06-Mar-22	S, F	Comcast/NBC-U	G-17 07C	3822	3858	G-18 20C	4082	4118	
06-Dec-21	90	06-Mar-22	S, F	LinkUp	G-3C 08C	3842	3878	G-19 17C	4022	4058	
06-Dec-21	90	06-Mar-22	S, F	The SPACECONNECTION	G-28 15C	3962	3998	G-19 17C	4022	4058	
06-Dec-21	90	06-Mar-22	S, F	Tribune	G-30 13C	3942	3978	G-18 18C	4042	4078	
29-Dec-21	90	29-Mar-22	C	Encompass	G-13 23C	4142	4178	G-13 23C	4142	4178	AVC
04-Jan-22	90	04-Apr-22	C, P, F	Encompass	G-13 13C	3942	3978	G-13 22C	4122	4158	AVC
04-Jan-22	90	04-Apr-22	C, S, P, F	Encompass	G-30 10C	3882	3918	G-13 22C	4122	4158	AVC
05-Apr-22	0	05-Apr-22	P, F	GCI Restoration	G-13 18C	4042	4078	G-13 13C	3942	3978	
05-Feb-22	60	06-Apr-22	P, F	Encompass	G-19 12C	3922	3958	G-19 15C	3982	4018	
05-Feb-22	90	06-May-22	S, F	The SPACECONNECTION	G-3C 10C	3882	3918	G-16 16C	4002	4038	
05-Feb-22	90	06-May-22	S, F	The SPACECONNECTION	G-3C 14C	3962	3998	G-16 18C	4042	4078	
01-Mar-22	90	30-May-22	C, F	Starz	G-13 09C	3862	3898	G-13 17C	4022	4058	HEVC
01-Mar-22	90	30-May-22	C, F	Starz	G-13 15C	3982	4018	G-13 17C	4022	4058	HEVC
01-Mar-22	90	30-May-22	C, F	Starz	G-15 08C	3842	3878	G-15 20C	4082	4118	HEVC
01-Mar-22	90	30-May-22	C, F	Starz	G-15 14C	3962	3998	G-15 20C	4082	4118	HEVC
07-Mar-22	90	05-Jun-22	C, F	A&E	G-30 21C	4102	4138	G-30 23C	4142	4178	AVC
07-Mar-22	90	05-Jun-22	C	A&E	G-30 23C	4142	4178	G-30 23C	4142	4178	AVC

- Disney on target for Transition 3 in Q3 and Q4 transition by year-end
- Discovery on target for end of November
- Sinclair Golf/Marquee channels migration to begin in October
- Not shown here: **Viacomm CBS HEVC** implementation underway currently

Filter Installations – Lump Sum Electors (redux)



Filters for Top 46 out of 50 PEAs should be installed by December 5th

- Do I need to filter now?
 - If your antenna(s) are in one of the Top 46 out of 50 PEAs, you need to filter by Dec 5th, 2021 or your signal could receive interference by 5g operations
 - If your antenna is located anywhere other than the top 46 PEAs and their surrounding areas*, you do not need filters until 2023
- Which filter do I need?
 - If you receive services in the 3820-4000 MHz range on any particular feed, you need an interim “Red” filter installed on the antenna
 - In cases where you take services only ABOVE the 4000 MHz range, you can install an end state “Blue” filter
- Where can I get the Alga Microwave filters?
 - Red filter supply is tightening temporarily, please order your filters so you aren't caught short.**
 - Satcom Resources
 - Wesco (formerly SEG)
 - Viking Satcom

To see if your earth station falls into the Phase 1 PEAs or surrounding areas visit: <https://intelsatbandtransition.com/faq/#ESF4>

Turning the page to Phase 2 of the Program

How will Phase 2 differ from Phase 1?

- Many of the constructs will remain:
 - Similar activities
 - Similar communication
 - Same vendors
- But the anatomy of the work will shift somewhat:
 - Nationwide filtering
 - Less compression, though still some
 - Satellite launches
- And we are looking for ways to learn from Phase 1 and improve:
 - Outreach
 - Scheduling
 - Sign-offs
 - Supply chain