

## TRANSMISSION TIMES







# Happy Holidays!

## To our valued customers and exceptional staff:

What a remarkable year 2021 has been for our company, our industry and our country. As we all tried to adjust (and readjust) to a “new normal,” we did our best to provide the same high level of service that all of our customers have come to expect from us. I would like to thank you all — our customers and employees alike — for going on this journey with us. Thank you for challenging us to expand the limits of our capabilities as we worked together to develop innovative transmission solutions in an ever-changing live broadcast landscape.

2022 will bring a whole new set of challenges, not least the nationwide rollout of 5G. As most of you know already, PSSI has invested a great deal of time and resources into ensuring the best possible outcome for the live transmission industry as we’ve known it for the last four decades. While there are plenty of uncertainties about how 5G interference will impact our ability to provide C-band transmission services, we are confident that we are doing everything we can to ensure our engineers and project managers have the tools and information they need to do their jobs with confidence.

We are eager to meet these challenges and continue to grow our business. Look for some big upgrades at PSSI International Teleport in the first quarter of 2022, and we will be welcoming a few new team members at PIT and in our field engineering staff. We are blessed and grateful to our customers for making it possible for all of us to do what we love every day.

In the live events business, we rarely have much time to look back on our accomplishments; as soon as one show ends, we’re getting ready for the next one. I’m proud to say that we experienced successes both great and small every single day of 2021. While we can’t acknowledge them all, I want to make sure to take a moment to congratulate our entire staff for a job well done in a very challenging year. Thank you all. ***You’re the best!***

From all of us at PSSI, we hope you have a happy, healthy holiday season. May the coming year bring you and your loved ones tremendous joy and success.

- Rob Lamb, CEO



# Fighting Back Against 5G Interference

In response to the FCC mandate that the lower six C-band transponders can no longer be used to land traffic in the U.S., PSSI Global Services is installing filters on all of our C-band transmission vehicles in order to mitigate interference from the incursion of 5G wireless transmitters. We're also conducting an extensive training program for our engineering and project management teams to prepare them to navigate the transmission challenges that will result from the FCC mandate.

We have invested heavily in a comprehensive program to assist in identifying and mitigating the effects of 5G interference. New frequency and interference testing equipment has been acquired, and our engineers have been trained in its use. Adding specialized filters to the C-band trucks is an expensive, complex process. The trucks must travel thousands of miles from their base locations to our engineering headquarters in Las Vegas and Orlando, where our expert staff will ensure the equipment is installed efficiently and correctly. Once installed, the filters will allow our engineers in the field to filter out

noise on the lower third of the C-band spectrum so that they receive their own signal (confidence return) as well as receive network return feeds so that we can continue to provide the exceptional transmission services our customers have come to expect.

During the three-plus year FCC C-band transition, we have been a consistent, leading advocate for managing the transition responsibly and mitigating potential 5G interference to incumbent C-band users. We have invested thousands of hours and significant resources partnering with satellite service providers, industry associations and third-party engineering firms to equitably manage the competing requirements of all C-band users.

Throughout this process, our top priority has been ensuring the best possible outcomes for our clients who rely on the C-band spectrum for their transmission projects. We are working tirelessly to mitigate 5G interference and provide our clients the same exceptional service they expect from PSSI.





# Business Is Streaming at PSSI International Teleport

**There's never a shortage of exciting projects to keep us busy at PSSI International Teleport. And to make things even busier, we've expanded our technological capabilities, now providing top-notch streaming services with our cutting-edge encoding hardware for all streaming protocols.**

**Some of our recent streaming successes include:**

- ▶ Eastbay Cross Country Championships
- ▶ Verzuz Rap Battles
- ▶ Triller Fight Club boxing and live music events
- ▶ 14 simultaneous streams for the Professional Fighters League, both domestic and international
- ▶ All Elite Wrestling on FITE TV
- ▶ South American World Cup Qualifiers on FITE TV
- ▶ Top Rank on FITE TV
- ▶ PBC on FITE TV
- ▶ ROH on FITE TV
- ▶ UFC via Tap Go
- ▶ Sporting events for Kiswe
- ▶ Sporting events for iNDEMAND
- ▶ American Music Awards
- ▶ WWE PPV

We are also streaming from various job sites as the primary and backup feeds for various media events for pay-per-view boxing. Leveraging Nextologies equipment and our on-site project management, we've livestreamed fighter press conferences, weigh-ins and much more.



# Engineer of the Quarter: DJ McClaine



DJ McClaine was hired in March 29, 1999, by Pittsburgh International Teleport as a NOC technician.

During his 21+ years at the teleport, he has been responsible for daily transmissions of corporate and major broadcast events, both domestically and internationally. His duties also include working closely with the project managers on special events, handling space segment and cross poles for the

PSSI Global Services team, Strategic TV and other corporate vendors. DJ's professionalism and positive attitude as a team player allows him to cultivate a strong work environment and gain the respect of his coworkers. Congratulations to DJ on his achievement and efforts; he is an asset to both PSSI International Teleport and PSSI as a whole. We look forward to many more successful years working together."

– **Bill Sciolla**, *Vice President and General Manager, PSSI International Teleport*