20-YEAR HISTORY OF LIGADO

2003 FCC adopts **ATC Order**

MSV files FCC application for ATC authority for a 2G network

2006-2010

2001

MSV rebrands as **SkyTerra**, seeks ATC authority for 3G and 4G networks

2010-2011

SkyTerra acquired, rebrands as **LightSquared**, seeks ATC authority for a 4G network

IAN 2011

FCC issues Waiver Order, conditioning ATC operations on Ligado addressing interference concerns

DEC 2011

Congress asks NTIA to report on interference and prohibits FCC from permitting LightSquared to operate unless interference concerns are resolved

FEB 2012

NTIA letter to FCC: GPS interference concerns cannot be resolved; FCC proposes to withdraw approval

MAY 2012

LightSquared files for bankruptcv

2014

Congress again **prohibits** FCC from permitting LightSquared to operate unless interference concerns are resolved

2015

LightSquared emerges from bankruptcy as **Ligado**; seeks FCC authority for a 5G network

2019

DoD and NTIA separately oppose Ligado proposals in letters to the FCC

2018

Ligado amends applications with FCC

APR & MAY 2020

FCC adopts **Ligado Order**, opening door for harmful interference to satellite communications and GPS; 8 parties, including NTIA, file Petitions for Reconsideration

Congress passes FY2021 NDAA, requiring further analysis of harmful interference

DEC 2020

SEPT 2022

NOAA releases SPRES report and NAS releases report: both say Ligado's network would cause harmful interference

SEPT 2022

Ligado cancels 5G test network launch amid ongoing interference concerns

MAY 2023

Canadian regulator denies Ligado's ATC application due to unresolved interference concerns

THE BOTTOM LINE:

MSV, SkyTerra, LightSquared, Ligado — constantly changing names and constantly changing terrestrial wireless plans. For over two decades, the only constant is that the company's plan will seriously harm the many commercial and federal users of L-band satcom, aviation, GPS, and weather-related services.