

Jennifer A. Manner

SUMMARY OF QUALIFICATIONS: Recognized and demonstrated leader running complex strategic policy and regulatory initiatives in the areas of telecommunications, spectrum management, space and technology including quantum and optical technologies. Successful at developing and implementing strategic domestic and international initiatives to meet corporate goals. Excels at managing and collaborating with diverse internal and external teams including technical, policy and economic members to achieve strategic initiatives on a timely and cost-effective basis.

RECENT PROFESSIONAL EXPERIENCE:

2025 **AST & Science, LLC**
To Present Senior Vice President, Regulatory Affairs and International Strategy

- Lead domestic and international regulatory, technical and policy team with responsibility for domestic and international market access, spectrum management and telecommunications policy.
- Represent the company before U.S. and foreign governments and a range of international organizations and associations including the ITU and other UN bodies, as well as standard bodies and trade associations.
- Identify spectrum opportunities and developed strategies to meet corporate requirements and goals.
- Develop and implement long-term company strategies for obtaining and retaining satellite orbital and spectrum rights.
- Work with partners to obtain telecommunications regulatory goals.

2024 **NATIONAL TELECOMMUNICATIONS AND INFORMATION
ADMINISTRATION, U.S. DEPT. OF COMMERCE**, Senior Advisor Space and
Satellite Policy
To 2025

- Developed and implemented strategies and initiatives to advance U.S. government agencies' goals, objectives and metrics to promote U.S. space leadership including in the areas of spectrum, national security, technology (including optical and quantum) sustainability and economics at the FCC, Executive Branch and in international organizations.
- Partnered with U.S. government agencies, the White House, U.S. Congress, international and national academia and commercial stakeholders (e.g., NASA, NOAA and DOD) to advance U.S. interests in space and satellite technology, including on spectrum and sustainability.
- Implemented the National Spectrum Strategy.
- Lead efforts to streamline spectrum coordination process with FCC and government agencies on commercial space and earth station applications.
- Represented NTIA in international and domestic forums, including the International Telecommunications Union, industry conferences and other global forums.
- Responsible for International Spectrum Policy Division and NTIA participation in the World Radiocommunication Conference study cycles including regional meetings.
- Served as U.S. Spokesperson domestically and internationally on space and satellite communications issues.

2012 **ECHOSTAR CORPORATION**
to 2024 Senior Vice President, Regulatory Affairs (promoted in 2016 from Vice President
 Regulatory Affairs)

- Led diverse domestic and international regulatory, technical and policy team with multi-million-dollar budget which successfully met the required metrics and performance goals for all projects.
- Developed and implemented global regulatory, policy and legislative strategies for use before the U.S. Congress, the White House, U.S. Government agencies and foreign governments on space policy and technology issues including regarding spectrum, orbits, sustainability, new technologies (e.g., quantum and optical) and cybersecurity.
- Developed and implemented regulatory and policy strategy for obtaining market access and spectrum rights domestically and internationally.
- Managed company-wide global regulatory licenses, spectrum and orbital assets, including engaging in spectrum coordination.
- Represented the company before a range of international organizations and associations including the World Trade Organization, the ITU and other UN bodies, as well as standard bodies and trade associations.
- Identified spectrum opportunities and developed strategy to meet corporate requirements and goals.
- Developed and implemented the long-term company strategies for obtaining and retaining satellite orbital and spectrum rights.
- Briefed Company Board Members and senior management on regulatory and legislative matters that could materially impact the company.
- Led the regulatory part of company bids and contracting for government and commercial technology programs.
- Found and chaired the Women's Impact Network.

2009 **FEDERAL COMMUNICATIONS COMMISSION**
to 2012 Deputy Chief, Public Safety and Homeland Security Bureau and Deputy Chief, Office of
 Engineering and Technology, *Senior Executive Service*

- Led the development and implementation of the public safety chapter of the National Broadband Plan within budget and with a diverse interdisciplinary technical, economic and legal team.
- Proposed and established a new FCC Division responsible for communications network interoperability with multi-million budget.
- Represented the FCC before key domestic and international bodies, as well as in bilateral and multilateral negotiations.
- Coordinated spectrum and public safety/homeland security matters between the federal, state governments and industry.
- Worked with the U.S. Congress on legislative initiatives.
- Led diverse team supporting space-related spectrum requirements for industry.
- Developed and implemented policies to enable the deployment of new technologies.
- Actively supported Executive Branch and Congress on creating FirstNet.
- Led strategic communications for the Public Safety and Homeland Security Bureau.
- Participated in Inspector General and GAO audits and reviews.

OTHER PAST PROFESSIONAL EXPERIENCE:

Vice President, Regulatory Affairs, Skyterra Communications (now Ligado); Senior Counsel, Federal Communications Commission Commissioner Kathleen Q. Abernathy; Director, Corporate Strategy and Senior Manager, Regulatory Affairs, MCI/WorldCom; and Attorney-Advisor, Federal Communications Commission.

EDUCATION:

GEORGETOWN UNIVERSITY LAW CENTER, Washington, D.C.

LL.M. in International and Comparative Law, **with distinction**

NEW YORK LAW SCHOOL, New York, N.Y., J.D., **cum laude**

STATE UNIVERSITY OF NEW YORK AT ALBANY, Albany, N.Y.

B.A. in Political Science and Theater Arts, Talented Student Alumni Scholarship and Honor's Convocation Award for Academic Excellence

CONGRESSIONAL TESTIMONY

Witness, Launching Into the State of the Satellite Industry, House Commerce Committee, Telecom Subcommittee (February 2, 2023) available at [Manner Testimony 2.2.23.pdf \(house.gov\)](#); Witness, House Science, Space and Technology Committee on Spectrum Needs for Observations in Earth and Space Sciences (July 19, 2021), available at <https://science.house.gov/hearings/spectrum-needs-for-observations-in-earth-and-space-sciences>.

SELECT RECENT OFFICES, APPOINTMENTS AND EXTRACURRICULAR

Editor, ITU Satellite Communications and Technology Handbook, Chair, ITU-Ron Additional Mobile Satellite Services; CITEL PCCII, Study Group 1 Alternate Rapporteur (FSS and BSS); DHS CISA Space Systems Critical Infrastructure Working Group and Co-Chair, NIST Cyber Security Framework Working Group; Advisory Board Member, British Standards Institute; Chair, U.S. Commerce Department Spectrum Management Advisory Committee; member, FCC Technological Advisory Committee; Co-Chair from CITEL (Americas Region) to the ITU World Radiocommunications Conference 2023 Network of Women; Chair, ITU-R Working Party 4C, Sub-Working Group 2 (Narrowband MSS); Co-Chair, Space Sustainability and Safety Working Group and Cyber Security Working Present Group, Satellite Industry Association

PROFESSORSHIPS

Instructor, Space and Satellite Policy, and Diversity and Leadership, Carnegie Mellon University Center for Technology Executive Education; Guest Lecturer, Satellite and Spectrum Courses, Silicon Flatirons, University of Colorado at Boulder; Adjunct Professor of Law, Georgetown University Law Center, Global Telecommunications Regulation

RECENT HONORS AND AWARDS

Most Powerful Women in Broadband and Media (CableFax); CEO Award (EchoStar Corporation); Most Valuable Player Award (EchoStar Corporation); FCC Public Safety and Homeland Security Chief's Award (FCC); and Distinguished Alumni Award (Rockefeller College, State University of New York at Albany); multiple awards for films, including Finalist at 2018 Cannes Film Festival.

RECENT BOOKS, PUBLICATIONS AND FILMS

- Spectrum Wars: The New Hope for Connectivity (Artech House, 2025)
- Spectrum Wars: The Rise of 5G and Beyond (Artech House, 2022)
- *When Wire Was King: The Transformation of Telecommunications* (Executive Producer and Director), released Feb. 16, 2023 (available on streaming platforms)
- *Zebrafish: Practically People* (Executive Producer and Director) released 2018 (available on streaming platforms)
- Spectrum Wars (Artech House, 2005)
- Telecommunications Market Access (Artech House, 2003)