

## **Dale D. Wyman**

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### **Profile**

Seasoned professional with extensive experience within the satellite communications industry and all aspects of product development from inception to commercial release. Project Manager with expertise in small and large project planning, implementation management and actual hands-on system installation experience. Ability to manage cross-functional teams of engineers and network maintenance technicians for numerous customer network rollouts and satellite transfers.

### **Experience**

2017 to 2018, Global Reefer Test Bed Designer/ Mass Charger Project Lead (Contract)  
Skywave/Orbcomm, Kanata, Ont.

- Defined the requirements and the design for a test bed to support the development of a new reefer tracking, monitor and control product.
- Worked with mechanical and hardware engineers to design and construct a mass battery charger to satisfy customer requirements.

2008 to 2017, Engineer II-Hardware/Lab Manager  
Ximaera Technologies/VT iDirect Canada, Ottawa, Ont.

- Hardware Lead/Project Manager for the development of a new DVB-S2 satellite modem product.
- Ottawa Lab Manager responsible for the design and construction of a lab facility to support the software, firmware and hardware engineering teams.
- Upgraded the software and hardware in the DVB-S2 VSAT modem development test networks.
- Performed the duties of Agile Scrum Master during the development of software for a DVS-S2X product.

2006 to 2008, Senior Engineering Associate  
Telesat Canada, Gloucester, Ont.

- Tracking, Telemetry and Command earth station design and implementation.
- Satellite launch Transfer Orbit Services (TOS) and In-orbit Testing (IOT) facility implementation and operation.
- Relocation of the Harrietsfield, NS Telemetry and Command Facility to Calgary, AB and Allan Park, ON.

2005 to 2006, Site Supervisor (Contract)  
Oba Lake Group, Orleans, Ont.

- On-site supervision of outside contractors relocating the southern satellite earth station facilities of the NORAD North Warning System.
- Witnessed contractor fault investigation and generated a findings report with recommended resolutions to the customer.

## Dale D. Wyman

2004 to 2005, Self employed contractor

2003 to 2004, Technician

Time Mobile Communications, Ottawa, Ont.

- Project Management, documentation and maintenance of two-way radio systems.

2002 to 2003, Self employed contractor

2000 to 2002, Project Manager and Contract Manufacturer Interface

SpaceBridge Semiconductor, Hull. PQ

- Project Manager during the development of a DVB-RCS modem product.
- Managed the activities of Contract Manufacturers (CM) building prototypes and commercial products for sale to customers.
- Worked closely with the customer to resolve product performance concerns and address schedule issues.

1997 to 2000, System Developer – Type Approval

TMI Communications and Company LP, Gloucester, Ont.

- Reviewed test data and witnessed testing of manufacturer's MSAT Mobile Terminal products to ensure they met the design/performance requirements of the MSAT System Requirements Specifications.
- Constructed and maintained the Engineering Test lab facility.
- Designed and constructed the Differential GPS L-band transmit facility.

1996 to 1997, System Demonstration Technician – RADARSAT I

Calian Group, Kanata, Ont.

- Created a series of increasing complex System Demonstration Scripts that quantified the real time performance of the RADARSAT I Ground System prior to the system being accepted by the Canadian Space Agency.

1994 to 1996, Self employed contractor

1993 to 1994, Tracking, Telemetry and Command Engineering Associate

Telesat Canada, Gloucester, Ont.

- Design and Implementation of the Anik E1 and Anik E2 Recovery Earth Station Ku-Band RF facilities.

1992 to 1993, Broadcast Engineering Associate

Telesat Canada, Gloucester, Ont.

- Design and implement Digital Audio Broadcast earth stations for new customers.

## **Dale D. Wyman**

1990 to 1992, VSAT Implementation Engineer

Telesat Canada, Gloucester, Ont.

- Project Manager and Implementation Engineer for the rollout of Toy's-R-Us Canada and CP/DoubleTree Hotels VSAT network.
- Project Manager and Implementation Engineer for AT&T Tridom (USA) Canadian VSAT networks for John Deere, Schwann Frozen Foods and Browning-Ferris Industries.

1988 to 1990, Network Services Maintenance Engineering Associate

Telesat Canada, Gloucester, Ont.

- Technical support for the Regional Network Services Maintenance Groups.
- Technical Lead/Project Manager responsible for relocation of customer services from Anik B1 to Anik D2 and Anik C2 to Anik E2 satellites.
- Traffic Planning Committee restoration and satellite replacement plan technical feasibility analysis and implementation costing.

1987 to 1988, Broadcast Implementation Senior Engineering Associate

Telesat Canada, Gloucester, Ont.

- Project Lead and Implementation Engineer for the CTV television satellite distribution network.
- On-site supervision and hands-on implementation of satellite broadcast facility for The Shopping Channel.

1985 to 1987, Maintenance Engineering Associate – Network Services Engineering

Telesat Canada, Gloucester, Ont.

- Design and write procedures to implement changes to existing point-to-point data and voice services.
- Designed and implemented modifications to existing CBC, TSN, Cancom broadcast networks.

1983 to 1985, Communications Maintenance Supervisor

Telesat Canada, Allan Park, Ont.

- Supervised a staff of eleven (11) maintenance technicians responsible for maintaining and repairing CBC video, SCPC voice and TDMA equipment to ensure contractual availability targets were met or exceeded.

1978 to 1983, Technician – Tracking Telemetry and Command

Telesat Canada, Allan Park, Ont.

- Operated and maintained the Tracking, Telemetry and Command facilities (C-Band, Ku-Band and DBS)
- Mission Crew member during satellite launches, post-launch In-Orbit-Testing, on-station testing and anomaly investigation.

## **Dale D. Wyman**

1977 to 1978, Technician – CTS/Hermes Ground Station  
ADGA Group, Ottawa, Ont.

- Installed and maintained the remote station telephone, radio program and TVRO equipment.
- Operated and maintained the 11m Ku-Band Satellite Earth Station Facility.

1976 to 1977, Technician – Polar Shelf Project  
Energy Mines and Resources Canada, Ottawa, Ont.

- Operated and maintained the Satellite Doppler Tracking Station.
- Collected and processed positional data for input into the project database.

## **Education**

1972 to 1975,        Electronics Technologist  
Algonquin College of Applied Arts and Technology

May to July 2010,    Basics of Supply Chain Management  
Algonquin College of Applied Arts and Technology

## **Certifications**

May 2005,        IT Infrastructure Libraries (ITIL) – Foundations