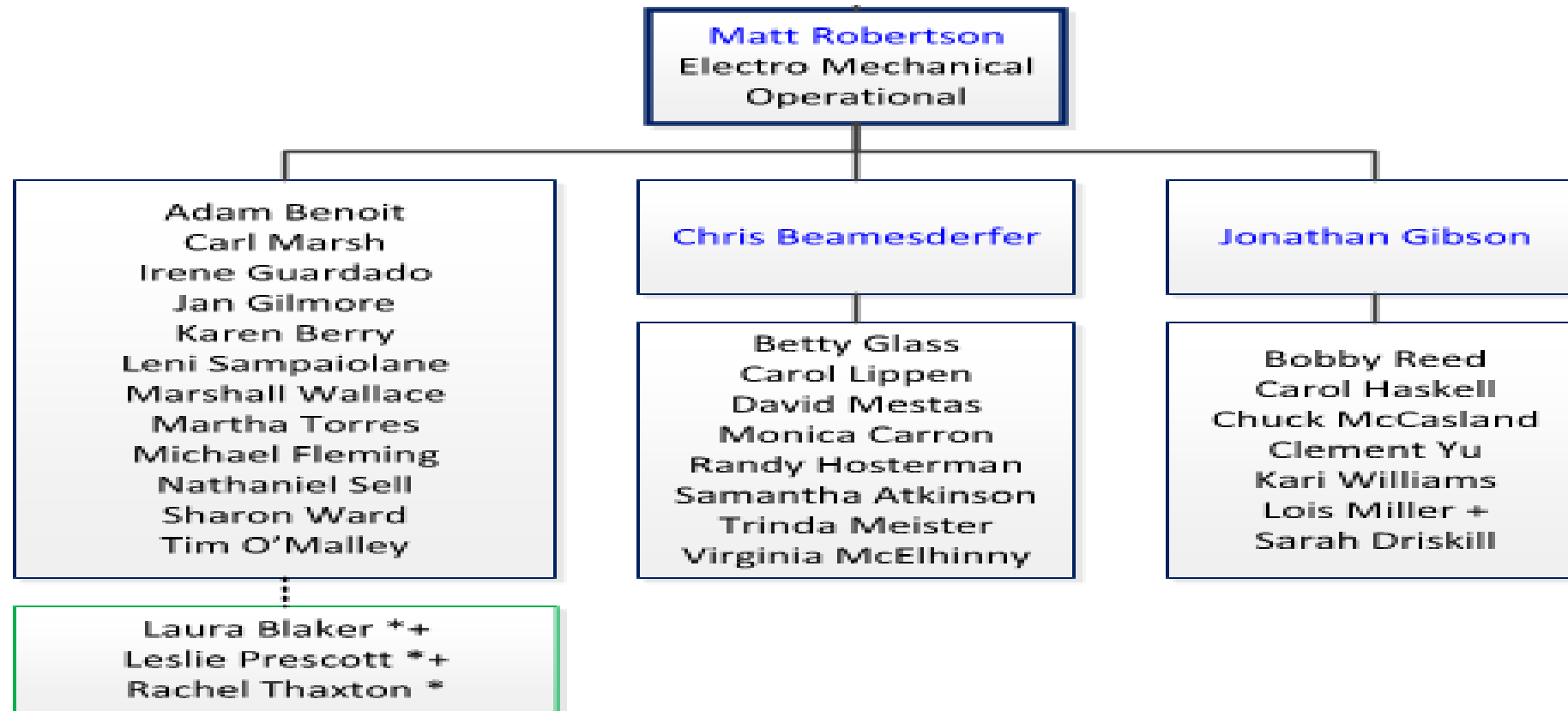


# Operational and Electro Mechanical Commodities

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# » Organization Chart



# Operational Commodities



Active Attenuators	Explosive Devices	Manufacturing Equipment & Machines	Radio & Communication Eq.	Standard Package Supplies
Adhesives	Fan & Fan Assemblies	Material Handling Equipment	Refrigeration - Cooling & Heating	Tape
Air Circulators & Blower Eq.	Furniture - Lab	Motors	RF Assemblies	TCXO
Asset Tools	Generating parts	MRO	RF Circulators	Tents
Bandpass filters	Generators	Optical Instruments	RF Filters	Test Equipment and Calibration
Chemicals, Lubricants & Grease	Inspection Gages	Oscillators (Crystal)	RF Mixers	TLNB
Chillers	Inverters	Packaging & Packaging Supplies	RF Switches	Trailers
Compressors and Vacuum Pumps	Isolators - RF	Paint	Sensors	TWTA
Controls	Jacks	Pallets, Crates & lumber	Shelters	VCO's
Converters (RF) - Up and Down	Limiter - RF	Power Amplifiers RF (Not component level)	Shop Floor Supplies & Consumables	Vehicles
Electron tubes	Manufacturing & Machine Tools	Radar Eq.	Sonars	Waveguide

# Electro Mechanical Commodities



ELECTRO MECHANICAL

Antennas	Display Optics	Microphones	Surge Suppressors
Audio Equipment	Earphones	Populated Racks (enclosures)	Switches
Batteries & chargers	Handsets	Power Distribution	Transformers
Bells and Buzzers	Headsets	Relays	UPS
Circuit Breakers	Indicating Parts	Speakers	

# » 2019 YTD Spend

## » Operational - \$315m

» Top spend products: Radio's, Filter's, RF Amplifiers

## » E/M - \$30m

» Top spend products: Power Distribution, Switches and Antennas

## » Satcom - \$80m

» Top spend products : HPA, CCA and Mechanical Parts

# » Commodity Needs

## » Competition

- » Products: RF Space Products, Filters, HPA's, Power Distribution

## » Reliability & Quality

- » Products must work first time and every time

## » On time Deliveries

- » Per supplier commitment

## » Timely Quotes

- » Per buyer request, list any exceptions

## » Shorter Lead time

- » Products: Space Products, HPA's and Radios

## » Correct Invoices and Packing lists

- » Include purchase order number and line item(s)

# Focused Areas

- › Technology Roadmaps
- › Cyber Security
- › ESI
- › Allocation/Product lead times
- › Counterfeit Material
- › Partnerships
- › Emerging Technologies
- › Tariffs
- › Labor Market
- › Knowledge Transfer

# Questions

For questions please contact:

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