

Akira Cohen

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SUMMARY

Senior logistics and reliability analyst with nine years supporting maritime electronics, Navy maintenance planning, and integrated logistics environments. Applies **reliability centered maintenance** methods, FMEA, FMECA, failure data analysis, and maintenance history review to improve equipment sustainment and mission readiness. Translates engineering findings into practical MRCs, MIPs, **technical manuals**, and ILS documentation that technicians can execute safely. Coordinates technical reviews with engineers, OEM representatives, **fleet maintenance personnel**, provisioning specialists, and supply teams. Experience includes PMS scheduling, SKED records, RAM modeling support, casualty report analysis, spares planning, support equipment, labor estimates, and configuration controlled documentation. RCM Level I and II credentials, CompTIA Security+, and **IAT Level II** certification support work in controlled defense settings. Brings steady judgment, clear documentation, and collaborative problem solving to sustainment programs focused on fleet readiness.

EXPERIENCE

Senior Logistics Analyst, Maritime Communications Sustainment

July 2023 - Present

HarborPoint Defense Systems

Norfolk, VA

Leads **reliability centered maintenance** analysis for shore based maritime communications, power support equipment, and sustainment documentation. Guides cross functional reviews, converts findings into executable maintenance content, and aligns parts, tools, labor, safety, and technical references with readiness needs.

- Led RCM analysis for maritime communications equipment using failure history and technician feedback to guide sustainment decisions.
- Facilitated **FMEA** and **FMECA** reviews documenting component causes, effects, criticality, and risk for engineering stakeholders.
- Authored MRCs and MIPs with periodicity, labor estimates, tools, **safety precautions**, and NAVSEA **technical references**.
- Reviewed PMS schedules and SKED records, identifying low value tasks for interval changes, substitution, or removal.
- Supplied casualty data and maintenance inputs for RAM models forecasting labor, spares, tools, and sustainment demand.
- Coordinated provisioning reviews so parts, consumables, tools, and **support equipment** matched released maintenance strategies.

Logistics and Reliability Analyst, Maritime Infrastructure

March 2020 - June 2023

Tidewater Mission Engineering

Chesapeake, VA

Performed component level reliability analysis for communications electronics, antenna subsystems, and power conditioning assemblies.

Maintained scheduled maintenance data, prepared **technical documentation**, and presented evidence based recommendations during reviews with government engineers and equipment vendors.

- Performed FMEA and FMECA on communications electronics, **antenna systems**, and power conditioning assemblies.
- Analyzed casualty reports and **maintenance histories**, separating isolated events from actionable reliability trends.
- Converted **reliability** findings into technician procedures and technical manual updates with traceable engineering references.
- Maintained **PMS** task data in SKED and reconciled requirements with approved **MRCs** and MIPs before execution.
- Presented failure evidence and task change proposals during reviews with government engineers and equipment vendors.
- Mapped maintenance actions to repair parts and test equipment, closing support gaps with provisioning personnel.

Integrated Logistics Support Analyst, Information Technology Systems

June 2017 - February 2020

BlueRidge Naval Technologies

Virginia Beach, VA

Supported ILS documentation for communications and information technology systems through configuration controlled maintenance content, reliability studies, technical change packages, and readiness reviews. Connected engineering decisions with field feedback, spares planning, and released technician documentation.

- Maintained configuration aware ILS content for communications and **information technology systems** used by technicians.
- Reviewed MRCs and **MIPs** against **technical manuals**, resolving unclear steps, obsolete references, and tool requirements.
- Compiled failure and maintenance records for reliability studies and structured **FMEA** sessions.
- Assessed PMS frequency, maintenance burden, and observed failure behavior across supported equipment.
- Prepared configuration controlled change packages preserving traceability from engineering decisions to released documentation.
- Resolved documentation, **spares**, and **support equipment** issues during maintenance and readiness reviews.

Logistics Support Specialist, Maritime Information Technology

June 2015 - May 2017

Seaboard Technical Services

Hampton, VA

Maintained technical records and logistics data for maritime information technology equipment within controlled support processes. Built practical knowledge of Navy maintenance concepts by validating procedures, reviewing recurring faults, and preparing planning information for senior sustainment analysts.

- Maintained technical records and logistics data for maritime information technology equipment.
- Reviewed completed maintenance records for recurring faults and documentation gaps requiring reliability review.

- Validated parts, **tools**, safety notes, references, and task sequences for procedure updates.
- Tracked repair parts and **support equipment** associated with scheduled maintenance activities.
- Prepared equipment history, task status, labor observations, and unresolved issues for planning meetings.
- Built Navy maintenance knowledge through supervised documentation and sustainment support assignments.

PROJECTS

VLF Shore Communications Sustainment Review 📅 2024

Applied FMEA, FMECA, PMS review, and RAM support methods across transmitter, antenna, power conditioning, and support equipment records. Produced decision ready findings for maintenance task changes and resource planning.

Maintenance Documentation Traceability Initiative 📅 2022

Connected MRCs, MIPs, technical manuals, provisioning data, tools, safety notes, and engineering decisions through configuration controlled review packages.

LEADERSHIP & AWARDS

- Recognized by senior engineering leadership for clear FMECA evidence and practical sustainment recommendations.
- Selected by peers as a trusted reviewer for MRC, MIP, technical manual, and ILS updates.
- Received program recognition for resolving provisioning gaps before scheduled maintenance release.

EDUCATION

Bachelor's Degree in Logistics and Supply Chain Management

2015

Old Dominion University GPA: 3.5

Norfolk, VA

Coursework: Supply Chain Planning, Logistics Analysis, Maintenance Management, Technical Documentation

CERTIFICATIONS

- CompTIA Security+, IAT Level II 📅 2024
- Reliability Centered Maintenance Level II 📅 2023
- Reliability Centered Maintenance Level I 📅 2021

TECHNICAL SKILLS

- **Reliability Methods:** RCM, FMEA, FMECA
- **Navy Maintenance:** PMS, SKED, Navy 3M
- **Maintenance Documents:** MRCs, MIPs, Technical Manuals
- **Failure Records:** Failure data, Maintenance history, Casualty reports
- **RAM Analysis:** Reliability, Availability, Maintainability
- **ILS Documentation:** ILS, Provisioning, Configuration control
- **Maritime Systems:** VLF communications, Antenna systems, Transmitters
- **Power Equipment:** Power conditioning, Support systems, Test equipment
- **Technical Standards:** NAVSEA instructions, Technical references, Safety precautions
- **Supply Coordination:** Spares, Repair parts, Consumables
- **Scheduling Systems:** PMS schedules, SKED records, Maintenance periodicity
- **Review Practices:** Technical reviews, Risk analysis, Criticality analysis

SKILLS

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|------------------------------------|--------|-------------------------|-----------------------|
| • Reliability centered maintenance | • PMS | • RAM modeling | • Maintenance history |
| • FMEA | • SKED | • Technical manuals | • Casualty reports |
| • FMECA | • MRCs | • ILS documentation | • Provisioning |
| • Failure analysis | • MIPs | • Failure data analysis | |

PROFESSIONAL AFFILIATIONS

- Reliability centered maintenance working group contributor, sharing review practices with logistics and engineering peers.
- Navy maintenance planning community participant, supporting practical exchange on PMS, SKED, MRCs, and MIPs.

LANGUAGES

- English (Native)
- Spanish (Intermediate)

ADDITIONAL INFORMATION

Work Status : Authorized to work in United States. No sponsorship required.

REFERENCES

AVAILABLE ON REQUEST