



# DEFENSE LOGISTICS AGENCY

AMERICA'S COMBAT LOGISTICS SUPPORT AGENCY



## DLA Energy

### Quality and Technical Support Office

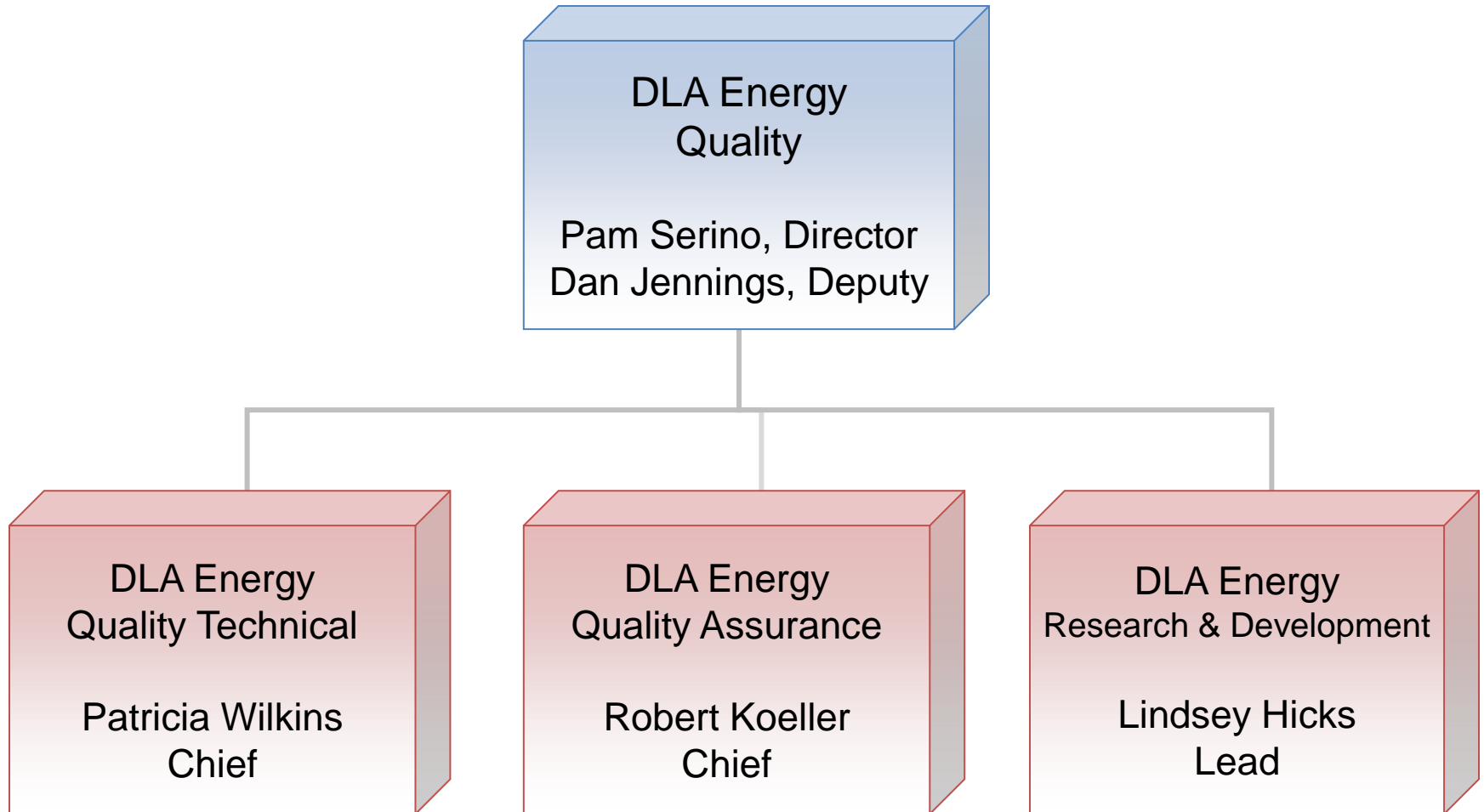
Pam Serino  
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# DLA Energy

## Quality and Technical Support Office

### Organizational Structure





# Quality and Technical Support Office Mission

Provides agency quality assurance, product technology, cataloging and standardization support to all business units for all products managed by DLA Energy, except natural gas. Represents DLA Energy on quality and technical related issues to the Service Control Points, customers, suppliers and international agencies. Responsible for DLA Energy quality and technical policy, procedures and guidance. Provides technical expertise for, alternative fuel and renewable energy and research and development projects.



# Quality Operations: Quality Assurance

## Functions

- Provides acquisition support related to quality assurance and quality surveillance
- Investigates and resolves customer and depot complaints and product quality deficiency reports for DLA Energy business units
- Provides disposition instructions for off-specification fuel
- Provides solid fuel (Coal) QA support to the field
- Customer Coal Sampler Certification Program
- Manages the Commercial Laboratory Test Program
- Quality policy for DLA Energy headquarters, regions & Services



# Product Technology and Standardization: Quality Technical

## Functions

- DLA Energy agency-wide support
- Measurement and Quantity Determination
- Standardization and cataloging
- Organizations and international forums
- Petroleum Quality Information System
- Energy legislation
- Alternative products support



# Quality Technical Projects and Studies

- Impact of Next Generation JP8+100 Additives on Filters and Filter/Coalescer Performance
- Fischer Tropsch Synthetic Paraffinic Kerosene (SPK) for 50 percent JP8 Blends
- JP8 to Jet-A Conversion
- FAME Cross-Contamination Study
- Cold Weather Additive for BioDiesel Project



# Research & Development

## Functions

- Subject matter expertise on alternative fuels and renewable energy projects
- Responsible for initial project review, proposal evaluation, project execution and funding obligation
- Consults and coordinates with the military Services to meet DLA Energy customer needs when evaluating R&D projects
- Participates in the source selection team for all energy related R&D proposals
- Promotes the agency's official position on highly complex, technical work and supports actions to be taken



# Research & Development Projects and Studies

- Alternative fuel from organic sources (Algae)
- Advanced biofuel blends from biomass feedstocks to replace JP8
- Modular off grid H2 fuel cells for intermittent power
- Onsite alternative fuel manufacturing system using biomass
- Carbon capture and sequestration technology
- Onsite waste to energy mobile unit
- Biofuel feedstock

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