



Navigation Expertise

Air, marine, space, and land technologies



Advanced
Research
corporation

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Advanced Research Corporation provides expertise in air, marine, space, and land technologies. We specialize in Global Navigation Satellite Systems (GNSS) and positioning, navigation and timing technologies. We also have expertise in the areas of marine studies and applications, including renewable energy technology and ocean observation.



Positioning, Navigation, and Timing (PNT)

- GNSS performance analysis and monitoring
- Definition of civil operational requirements and levels of performance for GPS operational users
- GNSS integrity failure modes and effects analysis



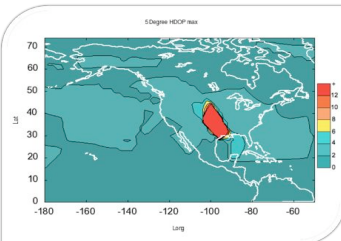
Legal Expert Testimony

- Legal expertise in GPS technologies
- Expert testimony on GPS technology and operation
- Expert witness services in GPS for both criminal and intellectual property cases



Research & Development

- Research into state of the art techniques and methodologies
- Prototyping of production
- Adaptation of products to various environments



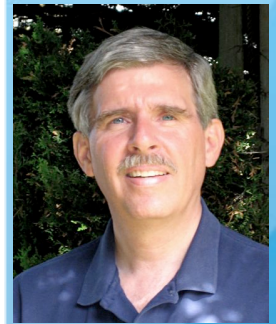
Testing & Evaluation

- Test planning and procedure development
- Conduct tests, data collection, trending analysis, and preparation of test reports
- Development of data analysis tools



Consulting

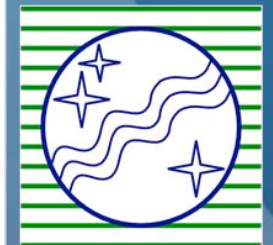
- Coastal infrastructure assessment
- Marine science and desktop studies
- Renewable energy consulting services
- Public presentation systems



John Lavrakas
President



Jed Smith
Engineer/Analyst



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