



VESSEL SECURITY

The Department of Homeland Security has issued Interim Rules for Vessel and Facility Security Requirements. Both vessels and facilities must undergo a comprehensive Security Assessment, develop and implement a Security Plan, and provide personnel training and exercises.

Overview – Vessel Security Requirements

The Department of Homeland Security and U.S. Coast Guard have issued interim rules requiring that each vessel owner or operator perform an assessment of security in accordance with the guidelines set forth in the interim rule. Upon completion of this Risk Assessment, the vessel must develop a Vessel Security Plan that addresses the findings of the Risk Assessment. These activities must be completed no later than December 29, 2003. Implementation of the plan must be completed no later than June 30, 2004.

Given the approaching deadline and the number of potentially affected vessels, NRC has prepared a three-tiered approach to assist facility owners in satisfying these new requirements by the compliance dates.

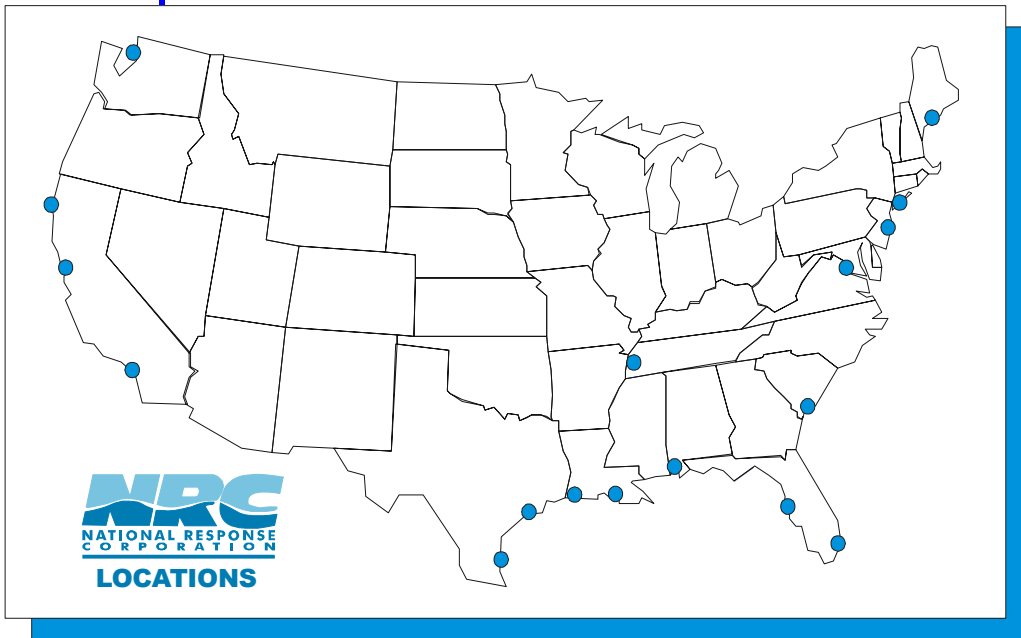
NRC can provide the technical expertise, resources, and personnel required for this project more expeditiously and more cost effectively than other firms through our experience, geographic coverage, and knowledgeable staff resources. Because we are a full service emergency response and consulting firm with approximately 70 qualified professionals throughout the US, we are positioned to provide your security project with nationwide support. Fully engaging current communications technologies we are able to support this project with the full compliment of company resources.

In addition to our local presence, NRC is experienced in managing large projects from our corporate offices while utilizing staffing provided by offices close to the client. This allows for a high quality, consistent product across the country while minimizing costs. We can ensure that the resources to satisfy your facility's security compliance project are available where they are needed, when they are needed.

NRC also brings additional value to the table in the form of our national and worldwide experience working within the petroleum and regulatory communities. From single facilities to national programs, NRC has performed detailed evaluations, and program management services for virtually every

NRC's extensive geographic coverage facilitates provision of cost-effective services, consistent product quality and effective project management.

kind of facility and organization. NRC will bring this knowledge and experience to you during and after the vessel security assessment and plan.



Select NRC Experience

The following chart represents current and past work histories related to assessments, audits, and professional services.

NRC's significant experience with the marine transportation industry allows us to provide the assessment services in a timely fashion while minimizing disruption to your operations.

Client	Location	Description
TOSCO	East Coast US	Risk Assessment, Preparedness Audit, Equipment Audit
PREPA	San Juan, Puerto Rico	Risk Identification for seven Generating Stations and preparedness audit
Port of Luanda	Angola, Africa	Port Security Assessment
CITGO Pipeline	Southern US	Risk Identification and Assessments
New Brunswick Power	New Brunswick, Canada	Feasibility Studies for spill response
Mirant Corporation	New York, US	Facility Spill Response Plans
Sonils	Luanda, Angola, Africa	Support Complex Emergency Response Planning

Table 1.1 – Selected Experience

NRC has the experience, the organization and the project management expertise to ensure timely and cost effective development of your vessel security program needs. NRC will be there in support of your program long after the regulatory deadlines have come and gone.

TECHNICAL APPROACH

NRC has developed the three-phase approach to providing a complete vessel security program.

Phase 1 of the Vessel Security Program is the Vessel Security Assessment.

Phase 1 – Vessel Security Assessment (VSA)

This phase is the performance of the Vessel Security Assessment (VSA). This assessment determines the security risks for the vessel and serves as the basis on which the Vessel Security Plan (VSP) is developed. The VSA is required by regulations and must be performed prior to the development of the VSP in which it is included.

Phase 2 of the Vessel Security Program is the Vessel Security Plan.

Phase 2 – Vessel Security Plan (VSP)

This phase is the development of the Vessel Security Plan (VSP). This plan is required by regulations and is due for submission to the USCG no later than December 29, 2003. After receipt of this plan, the USCG will review the plans with respect to the Vessel Security Assessment and regulations. The Plans require USCG approval and will undergo a review process per USCG procedures.

Phase 3 of the Vessel Security Program is the implementation of the Vessel Security Plan.

Phase 3 – Implementation

This phase of the program must be completed no later than June 30, 2004. This entails the provision of training for employees, development and performance of vessel security exercises and drills, and installation of physical equipment and operational procedures identified within the VSP. This phase of the program is a continual process that must be incorporated into the day-to-day operations of the vessel. NRC is highly qualified in conducting ongoing training and exercises and is available to assist in your vessel's program.

SUMMARY

NRC is uniquely structured to deliver quick, efficient coordination and assignment of resources. This will be especially beneficial to clients because of the magnitude of this project and level of effort involved in ensuring that all affected vessels receive thorough and comprehensive audits within the specified and very tight timeframe.

To manage multiple projects, NRC uses a simple, effective organization and management style that promotes the successful completion of even the most complex scope of work. NRC is not encumbered by the profit-center mentality that prevents many organizations from allocating their best resources to each project. We are accustomed to working across offices, across the country and supporting user-friendly management systems to ensure quick and efficient communication and work execution.

In addition to proven response and compliance services, NRC provides a wide array of value added services to our Clients, who include Shipowners, Barge Operators, Refiners, Terminals, Utilities, Pipelines and Offshore Production Platforms.

NRC is a worldwide environmental response and professional services organization that emphasizes operational readiness, true capability, and customer satisfaction. For additional information regarding the services NRC offers, please Jim Godfrey, Vice President - Operations or Rita Leite by phone at (631) 224 - 9141 or Facsimile at (631) 224 – 9082 and they will be happy to assist you in meeting your security or other needs.