TRIDENT RESCUE INTERNATIONAL

TRAINING & EQUIPMENT CONSULTING PROGRAM

Professional Consulting for Water Rescue Training, Equipment, Program Development & Operational Readiness

ASSESS • PLAN • TRAIN • EQUIP • IMPLEMENT • VALIDATE • SUSTAIN

RESCUE IS OUR BUSINESS ™

Knowledge • Experience • Judgement

1. Program Purpose

The Trident Rescue International Training & Equipment Consulting Program provides fire departments, EMS agencies, law enforcement agencies, emergency management organizations, military units, rescue teams, and other public-safety organizations with professional guidance in developing, evaluating, improving, and sustaining their water rescue capabilities.

Trident Rescue International provides consulting in two primary areas:

1. Training Program Development & Evaluation
2. Rescue Equipment Assessment, Selection & Operational Integration

For organizations seeking comprehensive long-term development, TRI also offers a premium Three-Year or Five-Year Water Rescue Program Development Plan.

The objective is not simply to recommend additional training or equipment. TRI evaluates what an organization currently has, the hazards it faces, the capabilities it requires, and how personnel, training, equipment, procedures, leadership, and budgets should work together.

2. Consulting Philosophy

Effective rescue capability requires more than equipment. A department can own excellent equipment and still lack operational capability if personnel are not properly trained to use it. Likewise, highly trained personnel cannot operate effectively without appropriate equipment, leadership, procedures, and continued skills maintenance.

PEOPLE

Do you have enough properly trained personnel to accomplish the mission?

TRAINING

Do personnel possess the knowledge and practical skills required for the expected response?

EQUIPMENT

Does the organization possess the appropriate equipment for its hazards and mission?

PROCEDURES

Are appropriate SOGs, SOPs, inspection programs, and operational procedures in place?

COMMAND

Does leadership understand how to manage water rescue and flood incidents effectively?

3. Training Consulting

Trident Rescue International can conduct a comprehensive evaluation of an organization's existing water rescue training program.

Training Needs Assessment

- Current personnel training
- Certification levels
- Department response responsibilities
- Local and regional water hazards
- Flood response responsibilities

- Mutual-aid capabilities
- Current training schedules
- Instructor qualifications
- Skills maintenance programs
- Continuing education
- Documentation
- Operational readiness
- Command and supervisory training

Following the assessment, TRI provides recommendations for developing or improving the organization's training program.

4. Training Program Development

TRI can assist organizations in establishing a structured training pathway:

Awareness → Operations → Technician → Advanced Operations → Instructor Development → Command & Control

- Swiftwater Rescue
- Surface Water Rescue
- Urban Flood Rescue
- Rescue Boat Operations
- Advanced Rescue Boat Operations
- Fire Boat Operations
- Ice Rescue
- Night Operations
- Command & Control for Swiftwater/Flood Operations
- Instructor Development
- Continuing Skills Maintenance

TRI can develop annual and multi-year training schedules so personnel maintain operational competency rather than relying solely on initial certification courses.

5. Training Program Audit

For organizations with established programs, TRI can conduct an independent training program review.

- Training curriculum
- Training frequency
- Student performance requirements
- Skills evaluations
- Instructor qualifications
- Training documentation
- Safety procedures
- Operational procedures
- Equipment integration
- Command structure
- Continuing education
- Annual skills verification

Strengths

Existing capabilities and practices that should be maintained.

Areas for Improvement

Training, documentation, equipment, procedures, or operational practices requiring improvement.

Capability Gaps

Areas where additional training, personnel, equipment, leadership, or procedures may be required.

6. Equipment Consulting

TRI provides independent professional guidance regarding rescue equipment selection and operational requirements. The goal is to help organizations purchase equipment based on Mission • Environment • Personnel • Training • Operational Requirements.

- Personal flotation devices
- Rescue helmets
- Drysuits
- Thermal protection
- Water rescue footwear
- Throwbags
- Rope rescue equipment
- Rescue boards
- Inflatable rescue boats
- Aluminum rescue boats
- Jet boats
- Outboard motors
- Boat trailers
- Communications
- Lighting
- PPE
- Medical equipment
- Water rescue hardware
- Technical rescue equipment

7. Equipment Needs Assessment

Before recommending equipment, TRI evaluates the organization's operational environment.

- Rivers
- Streams
- Lakes
- Flood-prone areas
- Urban flooding
- Low-head dams
- Ice conditions
- Moving water
- Remote access
- Night operations
- Boat access
- Launching locations
- Typical staffing
- Mutual-aid resources

- Response distances
- Transportation
- Storage

This allows equipment recommendations to be based on the organization's actual rescue mission.

8. Rescue Boat Consulting

Selecting a rescue boat can represent a significant investment for an organization. TRI can assist agencies in evaluating:

- Inflatable rescue boats
- Rigid inflatable boats
- Aluminum rescue boats
- Jet boats
- Propeller-driven boats
- Outboard motors
- Horsepower
- Boat size
- Passenger capacity
- Load requirements
- Trailers
- Storage
- Deployment
- Maintenance
- Operator training

TRI can also help determine whether an agency actually requires a particular boat before a major purchase is made. The objective is to ensure that the boat matches the Mission • Environment • Personnel • Training Level • Transportation Capability • Operating Conditions.

9. Equipment Standardization

TRI can assist organizations in developing standardized equipment packages. Standardization can improve training, equipment familiarity, maintenance, inspection, replacement planning, mutual-aid operations, deployment, purchasing, and inventory control.

- Individual Rescuer
- Swiftwater Team
- Urban Flood Team
- Rescue Boat Crew
- Rescue Boat
- Command Vehicle
- Rescue Trailer

10. Equipment Procurement Support

- Developing equipment specifications
- Reviewing vendor proposals
- Comparing equipment
- Evaluating capabilities
- Reviewing quotations

- Assisting with bid specifications
- Evaluating demonstration equipment
- Participating in equipment demonstrations
- Reviewing proposed equipment packages

Final purchasing authority remains with the client organization. Whenever practical, TRI recommendations should identify operational requirements and performance criteria rather than unnecessarily restricting the organization to a specific manufacturer.

11. SOG/SOP Development

- Water Rescue SOGs
- Swiftwater Rescue SOGs
- Flood Response SOGs
- Rescue Boat Operations SOGs
- Ice Rescue SOGs
- PPE requirements
- Equipment inspection procedures
- Boat inspection procedures
- Training requirements
- Instructor requirements
- Personnel qualification requirements
- Incident Command procedures
- Maintenance procedures
- Equipment retirement and replacement guidelines

12. On-Site Operational Assessment

Leadership Meeting

Meet with command staff and program managers to identify responsibilities, concerns, and organizational objectives.

Hazard Assessment

Review the jurisdiction's primary water and flood hazards.

Training Review

Evaluate current training programs and personnel qualifications.

Equipment Inspection

Review existing PPE, rescue equipment, boats, trailers, and supporting equipment.

Operational Review

Evaluate how personnel, equipment, training, procedures, and command systems are expected to function during an incident.

Gap Analysis

Identify differences between existing capability and desired operational capability.

Recommendations

Develop prioritized recommendations based on safety, operational importance, cost, and implementation difficulty.

13. Water Rescue Capability Assessment Report

Following a comprehensive assessment, TRI can provide a written Water Rescue Capability Assessment & Improvement Report.

3. Executive Summary
4. Organization Overview
5. Hazard Assessment
6. Current Response Capability
7. Personnel Assessment
8. Training Assessment
9. Equipment Assessment
10. Rescue Boat Assessment
11. PPE Assessment
12. SOG/SOP Review
13. Command & Control Assessment
14. Capability Gaps
15. Equipment Recommendations
16. Training Recommendations
17. Priority Recommendations
18. Implementation Timeline
19. Budget Planning Recommendations
20. Long-Term Program Recommendations

- Immediate — 0–90 Days
- Short Term — 3–12 Months
- Long Term — 1–5 Years

14. Consulting Service Levels

Level I — Remote Consultation

Designed for organizations needing professional guidance on a specific issue.

- Telephone/video consultation
- Training questions
- Equipment questions
- Program review
- Equipment comparison
- Follow-up recommendations

Recommended Rate: $175–$250 per hour. Two-hour minimum recommended.

15. Level II — Program Assessment

- Training review
- Equipment review
- SOG/SOP review

- Personnel capability review
- Leadership consultation
- Written recommendations

Starting at $1,500.

16. Level III — On-Site Capability Assessment

- Leadership interviews
- Facility review
- Equipment inspection
- Boat assessment
- PPE assessment
- Training assessment
- Hazard assessment
- Operational capability evaluation
- Written report
- Implementation recommendations

One-Day Assessment: Starting at $2,500 plus travel expenses.

Two-Day Comprehensive Assessment: Starting at $4,500 plus travel expenses.

17. Level IV — Complete Program Development

- Program design
- Training pathways
- Equipment specifications
- Boat selection
- PPE selection
- SOG/SOP development
- Instructor development
- Annual training plans
- Equipment replacement plans
- Budget development
- Multi-year implementation strategy

Starting at $7,500.

18. Level V — Premium Water Rescue Program Development

Three-Year or Five-Year Water Rescue Program Development Plan

This is the premier Trident Rescue International consulting service. The program is designed for organizations seeking to build, expand, modernize, or completely restructure their water rescue capability.

- Personnel
- Training
- Equipment
- Rescue boats
- PPE
- Policies and procedures
- Instructor development
- Command & Control

- Continuing education
- Equipment replacement
- Capital planning
- Budget planning
- Mutual aid
- Operational readiness

19. Initial Capability Assessment

Personnel

- Available responders
- Current certifications
- Technician-level personnel
- Boat operators
- Instructors
- Supervisors
- Command personnel
- Staffing requirements
- Mutual-aid resources

Training

- Current training
- Certification levels
- Annual training hours
- Skills maintenance
- Continuing education
- Instructor qualifications
- Training documentation
- Practical evaluations

Equipment

- PPE
- PFDs
- Helmets
- Drysuits
- Throwbags
- Rescue boards
- Rope systems
- Communications
- Lighting
- Medical equipment
- Specialized rescue equipment

Rescue Boats

- Current boats
- Motors
- Trailers
- Condition

- Maintenance
- Operator qualifications
- Deployment
- Storage
- Replacement needs

Operational Procedures

- SOGs/SOPs
- Dispatch procedures
- Incident Command
- Response assignments
- Mutual-aid agreements
- Equipment inspections
- Training requirements
- Documentation

20. Hazard & Response Analysis

- Rivers
- Streams
- Lakes
- Flood zones
- Urban flooding
- Low-head dams
- Ice conditions
- Recreational waterways
- Commercial waterways
- Bridges
- Remote access
- Boat launch locations
- High-water events
- Historical incidents
- Night operations
- Severe weather
- Mutual-aid responsibilities

21. Capability Gap Analysis

- Personnel
- Training
- PPE
- Equipment
- Rescue boats
- Boat operators
- Instructors
- Command
- Communications
- Night operations
- Flood response

- Maintenance
- Documentation
- Mutual aid
- SOGs/SOPs

Priority 1 — Immediate

Issues affecting operational readiness or personnel safety.

Priority 2 — Short Term

Issues that should be addressed during the next budget or training cycle.

Priority 3 — Program Development

Long-term improvements that strengthen organizational capability.

22. Three-Year Development Plan

Year One — Foundation

Objective: Establish safe and standardized operational capability.

- Complete capability assessment
- Establish personnel qualifications
- Develop/update SOGs
- Establish PPE standards
- Inspect equipment
- Replace critical equipment
- Establish inspection procedures
- Conduct foundational training
- Develop Swiftwater Rescue Technician capability
- Establish Rescue Boat Operator capability
- Identify future instructors
- Establish annual skills requirements
- Develop training documentation
- Establish Command & Control procedures

Year-One Goal: Establish the personnel, policies, training, and basic equipment necessary for safe operations.

23. Year Two — Expansion

Objective: Increase operational capability and depth.

- Advanced Swiftwater Rescue
- Urban Flood Rescue
- Rescue Boat Operations
- Advanced Rescue Boat Operations
- Night Operations
- Additional boat operators
- Instructor development
- Additional PPE
- Rescue boat upgrades
- Communications improvements

- Equipment standardization
- Mutual-aid training
- Scenario-based training
- Leadership development

Year-Two Goal: Develop greater operational depth, redundancy, and flexibility.

24. Year Three — Sustainment & Validation

Objective: Establish a sustainable long-term program.

- Instructor certification
- Internal training capability
- Annual competency evaluations
- Command & Control training
- Large-scale exercises
- Mutual-aid exercises
- Equipment replacement schedules
- Boat maintenance programs
- Advanced scenarios
- Annual program review
- Documentation audits
- Operational readiness evaluation

Year-Three Goal: Transition from developing the program to maintaining a sustainable operational capability.

25. Five-Year Development Plan

Year One — Assessment & Foundation

- Capability assessment
- Hazard analysis
- Personnel evaluation
- Training evaluation
- Equipment inventory
- SOG/SOP development
- Critical PPE replacement
- Initial training

Year Two — Core Operational Capability

- Swiftwater Rescue Technician development
- Rescue Boat Operator development
- Equipment standardization
- Boat evaluation
- Annual skills program
- Mutual-aid coordination

Year Three — Advanced Capability

- Advanced Swiftwater Rescue
- Urban Flood Rescue
- Advanced Rescue Boat Operations
- Night Operations

- Specialized equipment
- Scenario-based exercises

Year Four — Instructor & Leadership Development

- Instructor development
- Internal training capability
- Command & Control
- Team leadership
- Train-the-trainer programs
- Regional exercises
- Mutual-aid integration

Year Five — Validation & Sustainability

- Complete program reassessment
- Operational readiness exercise
- Equipment lifecycle review
- Boat replacement planning
- Instructor succession planning
- Training program audit
- SOG/SOP review
- Five-year accomplishments review
- Development of the next strategic plan

26. Training Matrix

- Required training by position
- Certification levels
- Annual continuing education
- Skills maintenance
- Boat operator requirements
- Instructor requirements
- Command-level training
- Refresher requirements

This provides leadership with a clear picture of who needs training, what training they need, and when they need it.

27. Equipment & PPE Replacement Plan

- Existing equipment
- Condition
- Quantity
- Additional quantity required
- Replacement priority
- Recommended replacement year
- Estimated replacement cost
- Standardization opportunities

This allows equipment purchases to be forecast rather than becoming unexpected expenses.

28. Rescue Boat Capital Plan

- Existing boat condition
- Expected service life
- Boat type
- Motor requirements
- Trailer requirements
- Maintenance
- Replacement timelines
- Future boat purchases
- Operator training
- Storage
- Deployment requirements

Major purchases can then be planned several years in advance.

29. Annual Budget Forecast

Training

- Initial certification
- Continuing education
- Instructor development
- Advanced courses
- Exercises

PPE

- Drysuits
- PFDs
- Helmets
- Footwear
- Personal rescue equipment

Team Equipment

- Throwbags
- Rope equipment
- Rescue boards
- Communications
- Lighting
- Medical equipment

Rescue Boats

- Boats
- Motors
- Trailers
- Maintenance
- Replacement

Program Expenses

- Training facilities

- Travel
- Equipment inspections
- Documentation
- Exercises
- Program administration

Expenses can be distributed across the three-year or five-year development period.

30. Capital Improvement Priority Matrix

Critical

Required for personnel safety or essential operational capability.

High Priority

Significantly improves response capability.

Moderate Priority

Recommended program improvement.

Future Enhancement

Desirable capability that can be considered as funding becomes available.

31. Premium Consulting Deliverable

At the conclusion of the assessment, the organization receives a professional Water Rescue Program Development Plan — Three-Year or Five-Year Strategic Roadmap.

21. Executive Summary
22. Organizational Profile
23. Hazard Assessment
24. Current Capability Assessment
25. Personnel Assessment
26. Training Assessment
27. Equipment Assessment
28. Rescue Boat Assessment
29. SOG/SOP Assessment
30. Capability Gap Analysis
31. Training Matrix
32. Equipment Requirements
33. Equipment Replacement Schedule
34. Rescue Boat Capital Plan
35. Instructor Development Plan
36. Command & Control Development
37. Mutual-Aid Recommendations
38. Annual Training Schedule
39. Annual Budget Forecast
40. Capital Improvement Priorities
41. Three-Year/Five-Year Implementation Timeline
42. Performance Milestones
43. Annual Review Process

44. Final Recommendations

32. Premium Consulting Pricing

Three-Year Water Rescue Development Plan

Starting at $10,000 plus travel expenses. Designed for organizations seeking accelerated development and implementation.

Five-Year Water Rescue Development Plan

Starting at $15,000 plus travel expenses. Designed for organizations seeking comprehensive long-term program development, training planning, capital planning, and sustainability.

Final pricing is based on organization size, number of stations, number of personnel, geographic area, number of rescue teams, number of boats, scope of assessment, travel requirements, number of on-site days, and documentation requirements. Large regional, state, federal, military, and international projects will be individually quoted.

33. Annual Consulting Retainer

Following completion of the initial assessment or Three-Year/Five-Year Development Plan, organizations may retain TRI as an ongoing technical consultant.

- Quarterly consultation
- Annual program review
- Training planning
- Equipment review
- Procurement assistance
- SOG/SOP review
- Budget planning
- Instructor development
- Priority technical consultation
- Program modifications
- Annual progress report

Recommended Annual Retainer: Starting at $6,000–$12,000 per year depending upon scope.

34. Consulting + Training Implementation

A major advantage of working with Trident Rescue International is the ability to move directly from assessment into implementation.

ASSESS

Determine current capability.

IDENTIFY

Identify personnel, training, equipment, policy, and command gaps.

PLAN

Develop a prioritized improvement strategy.

TRAIN

Provide the required training.

EQUIP

Help the organization identify appropriate equipment.

IMPLEMENT

Integrate training, equipment, procedures, and leadership.

VALIDATE

Evaluate operational capability through exercises and assessments.

SUSTAIN

Establish continuing education, equipment replacement, instructor development, and annual program reviews.

35. Independence & Professional Integrity

Trident Rescue International consulting recommendations are based upon operational requirements, recognized industry practices, training experience, field experience, environmental conditions, personnel capabilities, client needs, and budget considerations.

TRI will clearly disclose any manufacturer, dealer, referral, commission, or other financial relationship that could reasonably influence an equipment recommendation. The client's operational requirements remain the primary consideration.

36. The Trident Rescue International Difference

The objective of TRI Consulting is not simply to produce another report. It is to help agency leadership answer five critical questions:

- Where are we today?
- Where do we need to be?
- What training do we need?
- What equipment do we need?
- How do we get there within our budget?

The result is a practical roadmap for building and sustaining a professional water rescue capability.

TRIDENT RESCUE INTERNATIONAL

Training • Consulting • Program Development

Knowledge • Experience • Judgement

Building capability—not simply checking boxes.