

Memorandum



CITY OF DALLAS

DATE: November 6, 2015

TO: Honorable Members of the Public Safety Committee:
Adam Medrano (Chair), B. Adam McGough (Vice Chair), Sandy Greyson, Tiffinni A. Young,
Jennifer S. Gates, Philip T. Kingston

SUBJECT: **Water Rescue**

On Monday, November 9, 2015, the Public Safety Committee members will be briefed on the Water Rescue. The materials are attached for your review.

A handwritten signature in cursive script that reads "Eric D. Campbell".

Eric D. Campbell
Assistant City Manager

Attachment

c: Honorable Mayor and Members of the City Council
A.C. Gonzalez, City Manager
Warren M.S. Ernst, City Attorney
Craig D. Kinton, City Auditor
Rosa A. Rios, City Secretary
Daniel F. Solis, Administrative Judge
Ryan S. Evans, First Assistant City Manager

Jill A. Jordan, P.E., Assistant City Manager
Mark McDaniel, Assistant City Manager
Joey Zapata, Assistant City Manager
Jeanne Chipperfield, Chief Financial Officer
Sana Syed, Public Information Officer
Elsa Cantu, Assistant to the City Manager – Mayor & Council



Water Rescue

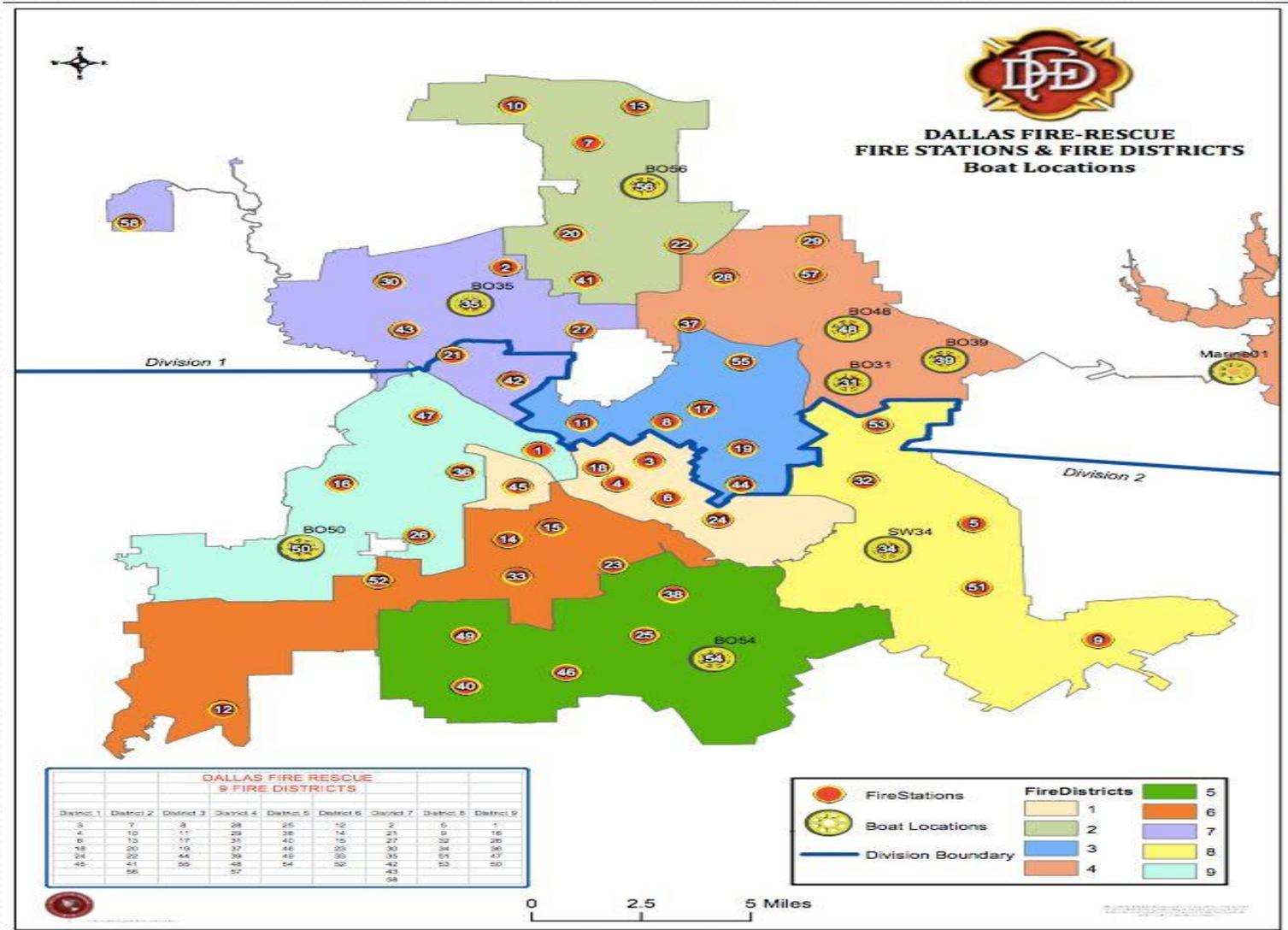


Public Safety Committee
November 9, 2015

History of Swiftwater Rescue in Dallas

- **May 5, 1995 super storms**
- **Technical Rescue Team 15 until 2007**
- **Swiftwater 34 July 7, 2007**
- **One Swiftwater Team**
- **Seven flat water boat stations**

Current Boat Locations



Organization

- **Deputy Chief of Special Operations (812)**
- **Section Chief of Special Operations (815)**
- **Water Rescue Coordinator (824)**
- **Officers at Station 34**
- **Swiftwater Technicians**
- **Staffing minimum of 6 Swiftwater Technicians per shift**

Training Requirements

- **National Fire Prevention Agency (NFPA) 1006 & 1670**
 - I. **Swiftwater rescue (50hr)**
 - II. **Technical rope rescue (80hr)**
- **All members certified as technicians in all areas of water rescue**
- **Continuing Education - 40 hours per year**

Responsibilities

- Respond to all Swiftwater incidents
- Respond to all boat calls as the rescue team (NFPA 1670)
- Respond when special called (searches, recoveries, investigations)
- Conduct at least 40 hours of continuing education per year
- Conduct 4 hours of continuing education for all boat crews

Apparatus

Swiftwater 34



Trailer with Inflatable Boat

Personal Equipment

- **Wet Suit / Dry Suit**
- **Personal Flotation Device**
- **Helmet**
- **Throw bag**
- **Whistle**
- **Knife**
- **Footwear**
- **Flashlight**



Effects of Moving Water

- **Swiftwater - moving water at a rate greater than 1 knot (1.15 mph)**
- **Force of water at varying speeds**

Current Velocity		Average Force of the Water in (lbs)	
MPH	On Legs	On Body	
3	16.80	33.60	
6	67.20	134.00	
9	151.00	302.00	
12	269.00	538.00	

Rescue Priorities

of the Water Rescue Team

- REACH
- THROW
- ROW
- GO



Priorities



Swiftwater Responses 2015

- **Swiftwater Rescue Team**
 - Responded to 51 water rescues
 - Rescued 35 victims

Questions?



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