

Memorandum



Date: May 14, 2010

To: Mayor Pro Tem Dwaine Caraway, Chair
and Members of the Public Safety Committee

Subject: Water Rescue

The Public Safety Committee will be briefed on the Water Rescue on Monday, May 17, 2010.



Ryan S. Evans
First Assistant City Manager

Attachment

- c: Honorable Mayor and Members of the Dallas City Council
 - Mary K. Suhm, City Manager
 - Deborah Watkins, City Secretary
 - Tom Perkins, City Attorney
 - Craig Kinton, City Auditor
 - Victor Lander, Administrative Municipal Judge
 - Jill A. Jordan, P.E., Assistant City Manager
 - A.C. Gonzalez, Assistant City Manager
 - Forest E. Turner, Assistant City Manager
 - Jeanne Chipperfield, Chief Financial Officer
 - Helena Stevens-Thompson, Assistant to the City Manager Mayor/City Council Office



Water Rescue

Captain Chad Smith

Water Rescue Coordinator

Homeland Security Bureau

Dallas Fire Rescue Special Operations

May 17, 2010

Key Focus Area

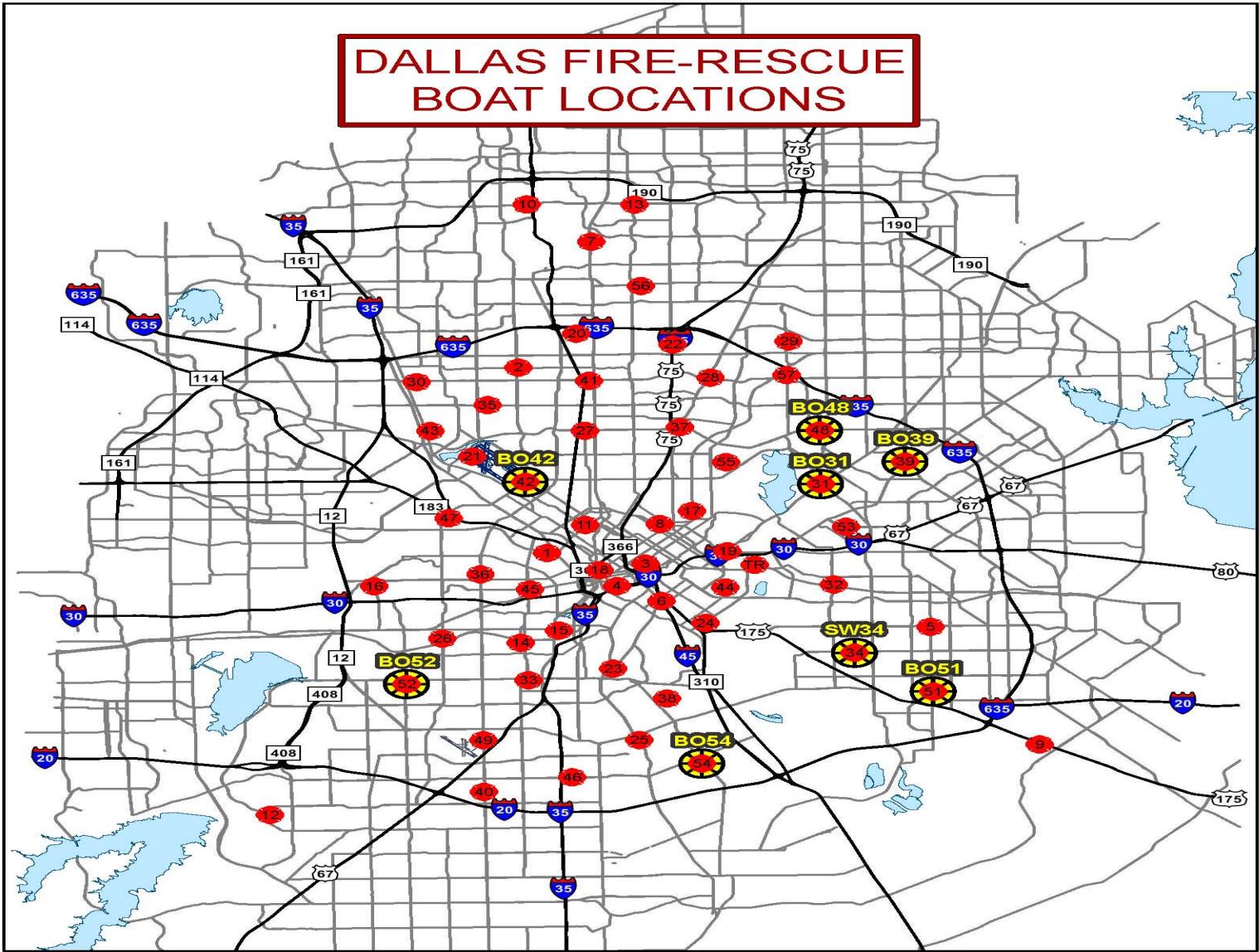


Public Safety

History of Swiftwater Rescue in Dallas

- May 5, 1995 super storms
- Technical Rescue Team 15 until 2007
- Swiftwater 34 July 7, 2007
- Only one Swiftwater Team
- Vision for a second team to ensure protection for the northern area of the city

DALLAS FIRE-RESCUE BOAT LOCATIONS



MAY 2010



0 6,250 12,500 25,000 Feet

	FIRE STATIONS		AIRPORTS
	BOAT LOCATIONS		LAKES

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

- NFPA 1006 & 1670
 - I. Swift water rescue (50hr)
 - II. Technical rope rescue (40hr)
- All members certified as technicians in all areas of water rescue
- Continued Education 16 hrs per year

Apparatus

- Swiftwater 34



Zodiac and Trailer



Personal Equipment

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



Definitions

- **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
- HELO



Priorities



Swiftwater Responses

- January 2010 to present Swiftwater 34 has responded to 5 water rescues and the rainy season is just beginning
- In 2009 Swiftwater 34 responded to 51 water rescues
- 13 victims were rescued

Questions?

