



Survival issues

- Injuries
- Emergency Response
 - Vessel
 - Shore side



Injuries

- No crewmembers injured
- Passenger injuries varied in severity

Staten Island end – New Jersey side



Staten Island end- New Jersey side



Damage and Debris



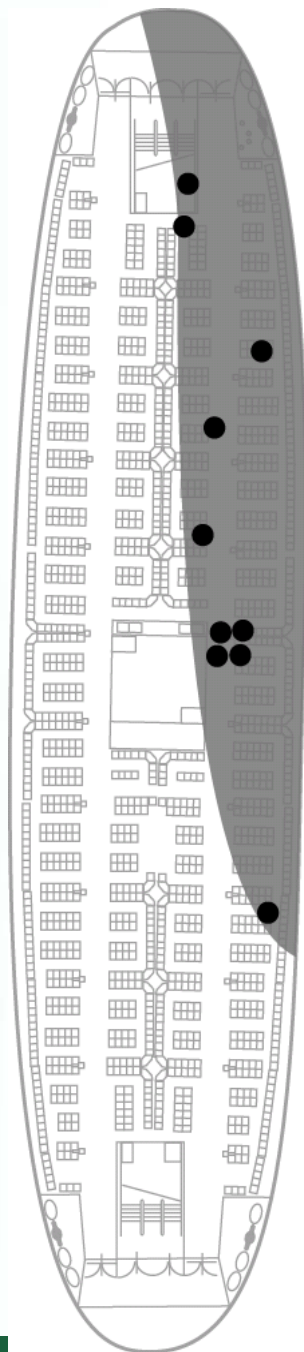




Staten Island end – Brooklyn side



Location of fatalities



Staten Island end

New York end

Emergency response - vessel

- Pre-Allision
 - No warning from pilothouse of impending allision
 - One crewmember warned passengers
- Post-Allision
 - No alarms, whistles, bells, or announcements

Emergency drills

- Weekly drills
- Held during off hours with no passengers aboard
- Limited drill scenarios at scheduled times
- Drill initiated by general alarm and whistle signal



Crew response

- No overall command of crew response
- Lack of co-ordination and communication
- Initial reactions by individual crewmembers

Additional help (on board)

- NYPD Officers
- FDNY
- USCG
- Off duty SI Ferry Mate
- Passengers

Initial emergency response- shoreside

- FDNY / EMS
- NYPD
- USCG

Total shoreside response

- FDNY / EMS
- NYPD
- USCG
- Harbor Response
 - USCG
 - NYPD
 - FDNY
 - Army Corps Of Engineers



Area hospitals

- Staten Island
- Brooklyn



Conclusions

- Crew response was deficient
- Shoreside response was effective