Mission Statement

To provide the highest level of emergency response and community services, through fiscally responsible leadership, in order to meet the needs of both the customers we serve and the members of the Boynton Beach Fire Rescue Team.

Value Statement

The success of the Boynton Beach Fire Rescue Department is measured by the quality and professionalism of its employees.

Ray Carter, BA, EFO - Director of Fire and Emergency Medical Services
2080 High Ridge – Boynton Beach, Florida 33426 – Phone (561) 742-6329 – Fax (561) 742-6334
Once again it is my pleasure to present to you the Boynton Beach Fire Rescue Department’s Annual Report. I hope that this document provides you with the information you feel is important as you ponder the successes and the shortcomings we as a department experienced during the 2015 Calendar Year. The report will provide statistical data as well as some descriptive accounts of our activities and should clearly depict the functions and responsibilities of every division with the Boynton Beach Fire Rescue Department.

This report will highlight the many accomplishments of our department over the past 12 months as well as point out the many important services we provide to the community through our fire suppression, emergency medical services, fire prevention & arson investigation, public education, special operations, and emergency management programs. We deliver all of our services from 5 local fire stations that include our Administrative Headquarters, the city’s Emergency Operations Center, and our Emergency Communications Center.

The publishing of this Annual Report will be my last as I enter the next chapter in my life and the Fire Department moves forward under new leadership. It has truly been an honor to lead a department that is so well prepared to address the community’s emergency response needs and recognized for excellence in all areas of our service delivery model. The new leadership will certainly keep the department moving forward in a professional and fiscally responsible way while ensuring that our accomplishments of the past are not lost. There will be significant challenges for sure, but that’s what professional fire rescue departments do every day (deal with situations that others walk away from because they perceive them to be too difficult to handle).

As the City of Boynton Beach approaches the third decade of the 21st century, our firefighters and paramedics will continue to raise the bar and challenge the status quo with respect to our service delivery methods. It will continue to be our mission as a department to improve our response times, enhance your levels of care in the community, and always deliver the best possible service to every person who has a need for those services.
In closing, I want to personally thank our Mayor, Vice Mayor, Commissioners, and City Manager for their support and encouragement. It is imperative that they understand how much we appreciate their dedication and commitment to the overall public safety of our community. Without their guidance, vision, and willingness to serve, our quality of life here in Boynton Beach would not be what it is today. With excellence as our goal, we as professional firefighters, paramedics, and fire protection specialists continue to be committed to earning your trust each and every day.

Respectfully Submitted,

Kevin “Ray” Carter
**DC Operations & Professional Development**
Operations, Emergency Medical Services, Infectious Disease Officer, CERT Coordinator, Training, Professional Qualifications, Special Response Team, Support Services, Vehicles, Communications, Support Equipment & Emergency Management.

**Administration & Finance Officer**
Administrative Services, Finance, Policies & Procedures, Contract Compliance, Budget Compliance, Grant Coordinator & CBA Compliance.

**Fire Marshal**
Firefighter 2 Nick Gordon and FF3 Sam Tolbert battle a brush fire near Minor Road.
### Total Call Volume

<table>
<thead>
<tr>
<th></th>
<th>2015</th>
<th>2014</th>
<th>2013</th>
<th>2012</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Calls</td>
<td>13,341</td>
<td>12,791</td>
<td>12,175</td>
<td>11,933</td>
</tr>
<tr>
<td>Average Calls/Month*</td>
<td>1,112</td>
<td>1,066</td>
<td>1,015</td>
<td>994</td>
</tr>
<tr>
<td>Average Calls/Shift</td>
<td>36.55</td>
<td>35.04</td>
<td>33.36</td>
<td>32.69</td>
</tr>
</tbody>
</table>

*September 2004 still remains the busiest month in department history with 1376 incidents due to Hurricanes Frances and Jeanne.

### Responses by Fire Station

<table>
<thead>
<tr>
<th>Station</th>
<th>2015</th>
<th>2014</th>
<th>2013</th>
<th>2012</th>
</tr>
</thead>
<tbody>
<tr>
<td>No. 1</td>
<td>1,898</td>
<td>1,818</td>
<td>1,620</td>
<td>1,396</td>
</tr>
<tr>
<td>No. 2</td>
<td>2,893</td>
<td>2,964</td>
<td>2,802</td>
<td>2,689</td>
</tr>
<tr>
<td>No. 3</td>
<td>3,017</td>
<td>2,794</td>
<td>2,733</td>
<td>2,649</td>
</tr>
<tr>
<td>No. 4</td>
<td>2,826</td>
<td>2,701</td>
<td>2,702</td>
<td>2,695</td>
</tr>
<tr>
<td>No. 5</td>
<td>2,707</td>
<td>2,514</td>
<td>2,318</td>
<td>2,504</td>
</tr>
</tbody>
</table>
BBFRD responded to 435 incidents on Interstate 95 during 2015 representing 3.26% of the total call volume for 2015.

### Unit Responses/Vehicles

<table>
<thead>
<tr>
<th>Unit</th>
<th>2015</th>
<th>2014</th>
<th>2013</th>
<th>2012</th>
</tr>
</thead>
<tbody>
<tr>
<td>Task Force 101</td>
<td>2,108</td>
<td>1,971</td>
<td>1,166</td>
<td>934</td>
</tr>
<tr>
<td>Ladder 101</td>
<td>52</td>
<td>65</td>
<td>630</td>
<td>736</td>
</tr>
<tr>
<td>Rescue 101</td>
<td>37</td>
<td>43</td>
<td>233</td>
<td>59</td>
</tr>
<tr>
<td>Ladder 102</td>
<td>1,609</td>
<td>1,575</td>
<td>1,450</td>
<td>1,408</td>
</tr>
<tr>
<td>Rescue 102</td>
<td>2,203</td>
<td>2,219</td>
<td>2,145</td>
<td>2,067</td>
</tr>
<tr>
<td>Ladder 103</td>
<td>1,729</td>
<td>1,547</td>
<td>1,437</td>
<td>1,386</td>
</tr>
<tr>
<td>Rescue 103</td>
<td>2,276</td>
<td>2,023</td>
<td>1,983</td>
<td>1,969</td>
</tr>
<tr>
<td>Ladder 104</td>
<td>1,697</td>
<td>1,498</td>
<td>1,478</td>
<td>1,447</td>
</tr>
<tr>
<td>Rescue 104</td>
<td>2,353</td>
<td>2,195</td>
<td>2,325</td>
<td>2,261</td>
</tr>
<tr>
<td>TRT 105/T105</td>
<td>510</td>
<td>584</td>
<td>552</td>
<td>787</td>
</tr>
<tr>
<td>Engine 105</td>
<td>1,524</td>
<td>1,373</td>
<td>1,221</td>
<td>1,234</td>
</tr>
<tr>
<td>Rescue 105</td>
<td>2,143</td>
<td>1,859</td>
<td>1,784</td>
<td>1,883</td>
</tr>
<tr>
<td>Battalion 105</td>
<td>399</td>
<td>321</td>
<td>316</td>
<td>371</td>
</tr>
</tbody>
</table>


### Inside The Numbers

<table>
<thead>
<tr>
<th>Unit</th>
<th>*2015 % of Response Time &lt; 8 Minutes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Task Force 101</td>
<td>95.0%</td>
</tr>
<tr>
<td>Ladder 101</td>
<td>96.0%</td>
</tr>
<tr>
<td>Rescue 101</td>
<td>91.4%</td>
</tr>
<tr>
<td>Ladder 102</td>
<td>95.6%</td>
</tr>
<tr>
<td>Rescue 102</td>
<td>94.9%</td>
</tr>
<tr>
<td>Ladder 103</td>
<td>93.9%</td>
</tr>
<tr>
<td>Rescue 103</td>
<td>94.7%</td>
</tr>
<tr>
<td>Ladder 104</td>
<td>94.7%</td>
</tr>
<tr>
<td>Rescue 104</td>
<td>93.9%</td>
</tr>
<tr>
<td>Engine 5</td>
<td>96.1%</td>
</tr>
<tr>
<td>Rescue 105</td>
<td>94.9%</td>
</tr>
<tr>
<td>TRT 105/T105 (City Wide Response)</td>
<td>86.9%</td>
</tr>
</tbody>
</table>

*Fractile Response Times represents percentages of calls under 8-minutes*

*The average total response time for all emergency response units in 2015 was 5 minutes, 17 seconds – (5:17).*
### Types of Responses

<table>
<thead>
<tr>
<th></th>
<th>2015 (160)</th>
<th>2014 (120)</th>
<th>2013 (143)</th>
<th>2012 (162)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fires</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Structure Fires</td>
<td>36</td>
<td>26</td>
<td>31</td>
<td>63</td>
</tr>
<tr>
<td>Vehicle Fires</td>
<td>40</td>
<td>31</td>
<td>44</td>
<td>33</td>
</tr>
<tr>
<td>Other Fires</td>
<td>84</td>
<td>63</td>
<td>68</td>
<td>66</td>
</tr>
<tr>
<td>Hazardous Condition</td>
<td>156</td>
<td>190</td>
<td>180</td>
<td>227</td>
</tr>
<tr>
<td>False Alarms</td>
<td>1,416</td>
<td>1,272</td>
<td>917</td>
<td>841</td>
</tr>
<tr>
<td>Service Calls</td>
<td>886</td>
<td>854</td>
<td>785</td>
<td>799</td>
</tr>
<tr>
<td>EMS</td>
<td>10,137</td>
<td>9,655</td>
<td>9,394</td>
<td>9,079</td>
</tr>
<tr>
<td>Other</td>
<td>586</td>
<td>700</td>
<td>756</td>
<td>825</td>
</tr>
</tbody>
</table>

### Property Loss

<table>
<thead>
<tr>
<th>Type</th>
<th>2015</th>
<th>2014</th>
<th>2013</th>
<th>2012</th>
</tr>
</thead>
<tbody>
<tr>
<td>Structure Fire</td>
<td>$44,795</td>
<td>$131,000</td>
<td>$212,275</td>
<td>$368,871</td>
</tr>
<tr>
<td>Vehicle Fire</td>
<td>$10,721</td>
<td>$10,889</td>
<td>$129,986</td>
<td>$33,484</td>
</tr>
</tbody>
</table>
### Response to Contract Areas

<table>
<thead>
<tr>
<th>Area</th>
<th>2015</th>
<th>2014</th>
<th>2013</th>
<th>2012</th>
</tr>
</thead>
<tbody>
<tr>
<td>Village of Golf</td>
<td>122</td>
<td>106</td>
<td>81</td>
<td>89</td>
</tr>
<tr>
<td>Town of Hypoluxo</td>
<td>234</td>
<td>181</td>
<td>219</td>
<td>212</td>
</tr>
<tr>
<td>Ocean Ridge</td>
<td>145</td>
<td>133</td>
<td>148</td>
<td>144</td>
</tr>
<tr>
<td>Briny Breezes</td>
<td>95</td>
<td>122</td>
<td>120</td>
<td>97</td>
</tr>
</tbody>
</table>

### Mutual Aid Response

<table>
<thead>
<tr>
<th></th>
<th>2015</th>
<th>2014</th>
<th>2013</th>
<th>2012</th>
</tr>
</thead>
<tbody>
<tr>
<td>Provided</td>
<td>14</td>
<td>22</td>
<td>24</td>
<td>34</td>
</tr>
<tr>
<td>Received</td>
<td>15</td>
<td>18</td>
<td>17</td>
<td>14</td>
</tr>
</tbody>
</table>
Fire Chief Carter along with C-Battalion firefighters and a few of the women of fire administration go pink for breast cancer awareness!
The BBFRD budget provides the necessary funding to accomplish organizational goals established through the city’s and the department’s strategic and business planning process. The department continues to meet the demands of the economically challenging times while funding for personnel, operational assets and capital items, consistent with our collective bargaining agreement and in accordance with the city and departmental capital improvement projects and vehicle replacement program. The Fire Assessment remained the same for the 15/16 budget, at a $100 per residential household and a square foot rate of $0.23 for commercial buildings, $0.05 for industrial/warehouse buildings, $0.25 for institutional and nursing home buildings. This is projected to generate about $5.5 million in net revenue for Fiscal Year 2015/2016. The adopted FY 15/16 General Fund Budget for the city is $76.5 million, with fire rescue representing 28.6% or $21,927,587. The Fire Rescue Department budget specifics are as follows:

<table>
<thead>
<tr>
<th>Expenditure</th>
<th>*2015/16 Adopted</th>
<th>2014/15 Actual</th>
<th>2013/14 Actual</th>
<th>2012/13 Actual</th>
</tr>
</thead>
<tbody>
<tr>
<td>Personnel Services</td>
<td>$19,363,762</td>
<td>$18,382,606</td>
<td>$17,902,395</td>
<td>$17,294,438</td>
</tr>
<tr>
<td>Operating Expenses</td>
<td>$1,659,521</td>
<td>$1,504,208</td>
<td>$1,385,474</td>
<td>$1,286,398</td>
</tr>
<tr>
<td>Capital Outlay</td>
<td>$215,589</td>
<td>$180,285</td>
<td>$68,464</td>
<td>$109,375</td>
</tr>
<tr>
<td>Non-Operating Expenses</td>
<td>$688,715</td>
<td>$830,604</td>
<td>$597,555</td>
<td>$535,815</td>
</tr>
<tr>
<td>Total</td>
<td>$21,927,587</td>
<td>$20,897,703</td>
<td>$19,953,888</td>
<td>$19,226,026</td>
</tr>
</tbody>
</table>
The 2015/16 budget represents an approximate 2.1% increase, compared to the FY 14/15 adjusted budget of $21,473,553.

A breakdown of the major budget categories are:

- Personnel Services increased approximately 2.1%
- Operating Expense increased 8.2%
- Capital Outlay decreased 41.9%
- Non-Operating Expense increased 20.6%

The department’s budget is supported by ad valorem taxes and a non-ad valorem Fire Assessment, as well as fees for service.

The Fire Assessment actual revenue for fiscal year 14/15 was $5,607,446 and the FY 15/16 proposed revenue is $5.8 million. The Staffing for Adequate Fire and Emergency Response (SAFER) Grant was awarded in the first quarter of 2013, in the amount of $967,000 to restore the Operational staff back to 2009 levels for two (2) years. The grant concluded at the end of May 2015 and the firefighters that were hired with the grant are funded in the General Fund.

During the 14/15 budget year, $325,628 was submitted for reimbursement as part of the salary and benefits thus completing the grant.
Contracts & Agreements

During the fiscal year 14/15, the Fire Service Contract with the Village of Golf was renewed for ten (10) years with an increase of 26.6%. At the end of fiscal year 15/16, Ocean Ridge and Briny Breezes will be scheduled for review and renewal. The contract with Hypoluxo is in effect until 2018.

The Mutual Aid Agreements with Palm Beach County, Delray Beach and Boca Raton Fire Rescue agencies are in effect until 2016 and will be scheduled for review and renewal during that time.

2014/15 Revenue

<table>
<thead>
<tr>
<th>Revenue Source</th>
<th>Revenue</th>
</tr>
</thead>
<tbody>
<tr>
<td>Town of Ocean Ridge</td>
<td>$978,969</td>
</tr>
<tr>
<td>Briny Breezes</td>
<td>$329,813</td>
</tr>
<tr>
<td>Town of Hypoluxo</td>
<td>$372,816</td>
</tr>
<tr>
<td>Village of Golf</td>
<td>$152,008</td>
</tr>
<tr>
<td>Ambulance Transport Fees</td>
<td>$2,416,274</td>
</tr>
<tr>
<td>Fire &amp; Life Safety Fees</td>
<td>$363,634</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$4,613,514</strong></td>
</tr>
</tbody>
</table>
2014/15 Revenue

As noted, 14/15 expenditures were projected at $21,410,156.

The department continued improvements with its ambulance transport fees collection practices during fiscal year 14/15, including implementing a new billing software called Advance Claim. The new software has allowed billing more access to real-time insurance verification which in turn, allows for more claims to be paid in a timely fashion. The organization exceeded the goal of $1.5 million dollars in transport fee collections by an additional $916,274 in fiscal year 14/15 and projected $1.9 million dollars for fiscal 15/16.

Vicki Dornieden, BA
Administration & Finance Officer
(561) 742-6332
dorniedenv@bbfl.us
Communications, Information & Technology

- Provided field work and administrative support for the Fire Assessment as an equitable way to support quality fire services and reduced response times. The administrative support includes answering questions from the public regarding their assessments, verifying year after year changes to the tax rolls and supporting the building department in billing Interim Fire Assessments for new construction.

- Supported SafetyPad, electronic patient-care reporting, rollout from the standpoint of wireless connectivity and CAD connections.

- Started the process of replacing old dot-matrix printers with laserjet printers in controlled environments.

- Worked up a special report for a presentation to the Intracoastal Association, including Sterling Village, Colonial Club, Hampshire Gardens, and Seacrest Towers.

- Created a special report on the changing frequency of drug overdoses across the years.

- Replaced five old Mobile Data Terminals with new technology, Panasonic, semi-rugged laptops.

- Coordinated with Police Technical Services to switch our vehicles over to a new higher speed private internet connection.
Communications, Information & Technology

- Updated database clients for Firehouse and Inspector Tools to point to a new Operating System.
- Replaced some of our older Wireless gateways in the emergency vehicles with newer, faster routers.
- Created special reports for the Barrier Island Study for Fire Protection for barrier island communities.
- Working with Police Technical Services and the dispatch software vendor, integrated changing Fire Department unit designations into our Firehouse reporting system.

Barkley Garnsey, BA. EMT
Information & Communications Coordinator
(561) 742-6327
garnseyb@bbfl.us
Community Outreach

Our first major event of the year occurred on April 11th with the Boynton Beach Firefighter Benevolent Association’s 10th Annual Fishing & Firehouse Chili Cook-off.

This event is a combined fishing tournament and chili cook-off benefitting The NFL Alumni Association’s “Caring for Kids” charitable program and the Boynton Beach Firefighter Benevolent Association.

We are extremely proud that the fishing tournament continues to grow in popularity each year and has become one of the leading spring fishing tournaments in South Florida.

“Gateway to the Gulf Stream”

The 2015 artwork by artist Dennis Friel
Community Outreach

The 2015 Annual MDA “Fill the Boot” campaign by the IAFF Local 1891 raised just over $32,000 over three weekends leading up to the Labor Day weekend. The union members deserve to be recognized and applauded for going over-the-top again this year and for their incredible heart-felt commitment to our kids who suffer with Muscular Dystrophy.

Of course, September 11th is an important day in the lives of all firefighters around the globe and this year was no exception. BBFRD personnel participated in the “Remembrance Ceremony” alongside their colleagues from around the county and hundreds of firefighters and their families.

During September, the department and the BBFBA held the 13th Annual Restaurant Takeover to benefit the American Heart Association’s “Heart Walk” campaign. This year’s event was held, once again, at the Bru’s Room and was a great success!

On October 26th the BBFBA held its 16th Annual Golf Tournament for charity at the Winston Trails Country Club. Year after year this event proves successful and fun for our guests! A portion of the proceeds were presented to the Juvenile Diabetes Research Foundation and our BBFBA Scholarship Fund.
Community Outreach

In December, BBFRD again joined forces with our community to collect toys and gifts for The Lord’s Place, to help brighten Christmas for numerous families who have found themselves in crisis and have little or nothing to give to their children while living at the facility.

BBFRD firefighters rallied to bring joy to some very special kids who found themselves having to spend Christmas in the Pediatric Unit and the Emergency Room at Bethesda Hospital. An ALS transport unit was brimming with presents as firefighters rolled stretchers filled with toys into the ward! Firefighters made an effort to spend time with each and every child, reading to them, telling them firefighter stories and thrilling them with presents to brighten their spirits.

Boynton Beach Fire Rescue, in conjunction with the Boynton Beach Firefighter Benevolent Association (BBFBA), continues to prove its statewide reputation for community relations and charitable giving. It is this department’s personnel and its leadership’s passionate and continued pursuit of proactive, positive and generous community involvement that has set BBFRD and the BBFBA as the benchmark for “giving back” to the community.
Operations

- Apparatus
- Equipment
- Honor Guard
- Technical Rescue Team
- Dive Rescue Team
- SWAT Medic
- Emergency Management
- Emergency Medical Services

Vehicle fire at the Boynton Beach Mall
As we continue to replace our fleet of aging fire apparatus, we took delivery of a new Sutphen SL-75 Quint, which replaced vehicle 804 a Pierce Sky Boom Quint. This vehicle was placed into service at Fire Station 3 to service the Northwest portion of the city.

One ALS transport unit (Rescue) was also received at the end of the year and is scheduled to be placed into service in the early part of 2016.

Additionally, our Special Operations/Technical Rescue Team unit has reached the end of its service years and a committee was formed to explore the replacement vehicle. This unit is a completely custom vehicle as it holds multiple types of special operations equipment and serves multiple functions in our fire response. We have elected to go with a Sutphen chassis and SVI body to meet our needs. This truck is scheduled for delivery in late 2016.
As part of an effort to improve safety and coordinate response capabilities with our mutual aid partners, we identified several items in Boynton Beach Fire Rescue as well as in the other agencies in Palm Beach County in reference to Unit Identification, Unit Typing, and Accountability.

In order to improve this, Boynton Beach Units where renumbered to eliminate the possibility of duplicate unit numbers within the county, Boynton Beach assumed the numbers 101 through 105 to reflect our stations 1 through 5.

Second, we identified the type of unit and changed our verbiage to better describe the capabilities of the unit. This resulted in the change to the use of “ladder” for a majority of units which represent the “Quint” style apparatus that we deploy.

Third, to increase our safety and provide for a better accountability system, our front line station officers now wear red helmets to indicate the “officer” as well as our helmet fronts were upgraded to allow the unit id tags to be utilized by each person to reflect the actual unit they are assigned to for the day.

Lastly, we deployed a new “passport” accountability tags system that is designed to better track our personnel by the unit they are assigned.

Lieutenant Richard Baier sporting the new red helmet along with the new unit ID tag.
**Equipment**

In 2015 we continued to identify aging and end of life equipment that was in need of replacement. We continued with purchasing additional “truck loads” of fire hose to ensure that our hose stock is within testing requirements and service life. Additionally, two committees were formed to do product testing on extrication equipment and our thermal imager cameras (TICs). After extensive research and testing, the committees recommended the following to be the tool of choice for Boynton Beach Fire Rescue.

**Extrication Equipment**

The Holmatro brand of lightweight battery operated tools was selected as the tool of choice for our department. These tools are significantly lighter in weight, are able to be deployed without a hydraulic power plant, and are best suited for the day to day operations and simple extrications. We have purchased 3 complete sets from last year’s and this year’s budget and the tools are to be placed into service at our Stations 2, 3 and 4.

**Thermal Imager Cameras**

Our front line TIC’s were identified for replacement and the committee who did the research and testing of several different manufactures has chosen the Bullard Eclipse as our tool of choice. We have received 5 of these units and are deployed on our front line fire suppression units. These new cameras will greatly improve our capability to see through the smoke of a structure to better find potential victims as well find the seat of the fire for faster extinguishment.

Greg Hoggatt EMT-P, MPA, EFO, CFO  
Deputy Chief of Operations/Emergency Manager  
(561) 742-6331  
hoggattg@bbfl.us
Honor Guard

The Boynton Beach Fire Rescue Department Honor Guard continues to provide for the ceremonial needs of the department and the community.

Their dedicated services reach deep into the community as they assist in dignitary funeral services, attend public special events, provide for posting of “Colors” at many special events and work closely with other honor guard units from around the state and the nation to honor their fellow firefighters who have given their lives in service of their communities.

The men and women of this very special group give tirelessly of their own time to ensure that when they are called upon to represent Boynton Beach, they execute their tasks with precision, pride and honor, thus winning them praises of all who witness their professionalism.

Firefighter3 Steven Permenter, Commander
permenters@bbfl.us

FF3 Vance Carpenter
Technical Rescue Team

The Technical Rescue Team (TRT) continues to serve the citizens of Boynton Beach and the State of Florida Type II Light Technical Rescue Team. The team maintains their skill levels through monthly team practices and an annual 40-hour refresher class.

The team continues to maintain its certification as a deployable asset for the State of Florida Urban Search & Rescue (USAR) program through rigorous training, while also serving as firefighters and paramedics that answer the normal, day-to-day emergency responses.

Below: TRT members Ben Abel, Ian Finlayson, Cory Lewis, Justin Capodieci, Julian Martin and Matt MacRae shore up a vehicle and successfully extricate the driver.
Dive Rescue Team

- The dive boat and jet ski were both serviced
- No new dive team members were added during the year
- Dive team member Mason Pearce, repaired four (4) of the dry suits
- Dive team member Andy DeFilippis, rebuilt two (2) of the masks
- Dive team member Tom Foltz, completed the annual vision inspection for tanks
- Two (2) new dry suits were placed into service
- The dive tanks were hydro-tested
- The dive boat was thoroughly detailed

Submitted by Captain Mark Henkle & Captain Robert Kruse
henklem@bbfl.us
kruser@bbfl.us

Honorary Dive Team Member
Swat Medic Program

Boynton Beach Fire Rescue continues to assign three (3) of our firefighter/paramedics to serve on the Boynton Beach Police Department’s SWAT Team. These personnel are in place to provide emergency medical care to anyone who is injured during SWAT operations or training. They’re an extension of our EMS services into situations that are far outside the norm for non-military EMS providers.

In order to function in these potentially hostile environments, these medics are cross-trained through police academies, sworn in as law enforcement officers and must maintain FDLE certifications as either Reserve or Auxiliary Officers. In order to be as significant an asset as possible, they participate in all aspects of the SWAT team’s training and carry the same basic equipment that other officers have available to them.

SWAT Medics attend required training one day per week for four (4) hours per session. This increases the operator’s effectiveness by providing frequent repetition of skills and tactics that must be second nature and even muscle memory, under extreme stress. Additionally, SWAT Medics participate in specialized training classes throughout the year, some requiring out of area travel.
Emergency Management

While the Emergency Management section was not very busy in the way of activations, we maintained a busy schedule by conducting several Virtual Table Top Exercises (VTTX) in 2015. In addition to the VTTX’s, we conducted a full scale activation exercise in June 2015 to reflect a training scenario that Boynton Beach was under the impact of a Category 3 storm. This required our EOC team members to respond to the EOC, work as if we were under an actual activation. Each member of the EOC Team, from the City Manager, Policy group, Operations and assigned personnel strive to be prepared and be ready for the next activation.

The BBFRD also facilitated and graduated its 16th Civilian Emergency Response Team (CERT) Class during 2015.

Greg Hoggatt EMT-P, MPA, EFO, CFO
Deputy Chief of Operations/Emergency Manager
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hoggattg@bbfl.us

Hurricane Joaquin
Emergency Medical Services

Electronic Patient Care (ePCR) Reporting

In January, the fire rescue department applied and was awarded a EMS Data Collection grant funding in the amount of $33,800 from the Bureau of Emergency Medical Oversight (BEMO) and the Florida Department of Transportation (FDOT) to initiate an electronic patient care reporting (ePCR) system for the city’s fire rescue department.

After thorough research, Safety-Pad was the only company that could provide the service required while remaining within the grant guidelines and costs. The lower cost is due primarily to the fact that the software is cloud based and other municipalities are utilizing their product which will allow for information sharing in the near future.

The primary objective of the Boynton Beach Fire Rescue Department is to establish an electronic-based EMS data collection system to enable consistent submission of EMS incident related data to the Bureau of Emergency Medical Oversight Pre-Hospital System (EMSTARS-CDX) for state compliance to the National EMS Information System (NEMSIS). An electronic patient care reporting system (ePCR) will streamline the documentation process for our paramedics in the field and eliminate redundancy.

It will also enhance our quality assurance program by providing us the ability to easily and rapidly extract data such as, but not limited to, STEMI, stroke, SCA, trauma alerts, intubation and intravenous success rates. Another benefit to establishing an electronic-based EMS data collection system -- it will aid in obtaining the most up-to-date patient information to ensure consistent accuracy during the EMS billing process.
Emergency Medical Services

BBFRD paramedics began using the Safety-Pad software on Samsung Tab S, Android 4.4, 16GB, 10.5” tablets on November 9, 2015.

The BBFRD teamed up with the City’s Human Resource department to provide the influenza vaccine to nearly 220 city employees. The EMS Division also represented the Fire Rescue Department during the city’s annual health fair in March.

The CPR program continued during 2015. A total of 66 classes were conducted, with a total of 382 students being certified in the AHA Heart Saver AED course. Our Training Center agreement with the American Heart Association (AHA) was also renewed for an additional two year period.

The Encode newsletter continues to expand and was published six (6) times during 2015. The August 2015 edition marked the 13-year anniversary of the publication, for a total of 80 issues!

The EMS Coordinator continues to serve in the capacity of Secretary of the Palm Beach County EMS Providers Association, a position he has held for over eight (8) years.

The EMS Coordinator continues to serve as the Public Information Officer (PIO) for the department.
# Emergency Medical Services

Hospital Transport Statistics

<table>
<thead>
<tr>
<th>Bethesda Memorial Hospital</th>
<th>72.53%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Delray Medical Center</td>
<td>5.24%</td>
</tr>
<tr>
<td>JFK Medical Center</td>
<td>21.63%</td>
</tr>
<tr>
<td>Other</td>
<td>0.61%</td>
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</table>

STEMI, Stroke, Trauma, SCA & ROSC Statistics

<table>
<thead>
<tr>
<th>2015 Qtr.</th>
<th>STEMI (ST Elevation Myocardial Infarction (Heart Attack))</th>
<th>Stroke Alert</th>
<th>Trauma Alert</th>
<th>SCA (Sudden Cardiac Arrest)</th>
<th>ROSC (Return of Spontaneous Circulation)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>18</td>
<td>25</td>
<td>28</td>
<td>14</td>
<td>4</td>
</tr>
<tr>
<td>2</td>
<td>12</td>
<td>20</td>
<td>25</td>
<td>12</td>
<td>1</td>
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<td>3</td>
<td>11</td>
<td>20</td>
<td>24</td>
<td>12</td>
<td>2</td>
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<tr>
<td>4</td>
<td>12</td>
<td>21</td>
<td>27</td>
<td>8</td>
<td>1</td>
</tr>
<tr>
<td>Totals</td>
<td>53</td>
<td>86</td>
<td>104</td>
<td>46</td>
<td>8</td>
</tr>
</tbody>
</table>

**Percentage**

| Percentage * | 17.40% |

Note: The national ROSC average and the Florida ROSC average is 17%
Emergency Medical Services

EMS training for 2015 began in April/May with all crews participating in an 8-hour Advanced Cardiac Life Support (ACLS) refresher course. This course is an integral part of our paramedics’ state mandated recertification process scheduled for December 2016.

During 2015, one (1) firefighter successfully completed all departmental requirements, including a practical evaluation by our Medical Director to achieve “Active Paramedic Status” with the department.

EMS Equipment

In early 2014, the EMS Division initiated a one (1) year replacement program of the department’s six (6) Stryker Power-Pro™ XT ambulance cots. These complex pieces of equipment are used daily and are vital to the safety of our patients and to our paramedics. We purchased three (3) in December 2014 and purchased an additional three (3) via the Palm Beach County Division of Emergency Management EMS Grant in the Spring of 2015.

Michael Landress, BA, EMT-P
Emergency Medical Services Coordinator/PIO
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Stryker Power-Pro™ XT Ambulance Cot
Training Division

When not responding to calls for service, firefighters spend a significant amount of time preparing for future emergency responses. During 2015, the firefighters of BBFRD completed well over thirty-five thousand hours of individual training in preparation for the surprises that await them on those calls. These are hours that focus on maintaining basic skills in all aspects of their profession, familiarizing personnel with new techniques or equipment, and learning the new skills that are expected of each firefighter as they progress through their career.

This ongoing training is not randomly selected, but is instead guided by requirements stipulated by various authorities. A list of those authorities and their requirements would include the following:

The State of Florida: The State mandates the training and certification process for firefighters, fire service instructors, inspectors, safety officers, urban search and rescue specialists, and other positions. Annual refreshers in occupational safety and health policies regarding respiratory protection and Haz-Mat are also mandated.

After their initial training and certification testing, the State also requires ongoing training for certified Emergency Medical Technicians and Paramedics. The requirement is specific to certain classes and totals 30 hours every two years. Each of these classes then also has renewal requirements. Examples of the training classes conducted by BBFRD to meet these requirements would include the following:

- Healthcare Provider CPR and AED.
- Advanced Cardiac Life Support
- Pediatric Advanced Life Support
- Pre-hospital Trauma Life Support
Training Division

The Insurance Services Organization (ISO): This company provides property insurance corporations with ratings for individual fire departments. The corporations then use these ratings to formulate the cost of a business’ property insurance within that department’s response zone. Part of this rating is based on the training conducted within a number of categories. Each category represents a specific type of training or a position/rank within the service. Each rank then has specific training requirements necessary to attain the position and then continuing education hours necessary to maintain competency. Examples of these ongoing annual requirements would include, but not be limited to, the following:

- Each firefighter must participate in 192 hours of company training (16 hours per month). In addition to this:
  - Each officer must participate in 12 hours of continuing training specific to their officer role.
  - Each certified apparatus driver/engineer must participate in 12 hours of continuing training specific to their required skills.

National Fire Protection Association (NFPA): This is the organization that sets standards for training and operations in all areas of the fire service. Whenever equipment is purchased, training is conducted, or a question is asked, the first place to look is the NFPA.

BBFRD Career Ladder: Within this document firefighters are shown the classes and other requirements necessary from their first day on the job as a probationary firefighter through promotion to Battalion Chief.

While keeping up with the training mandated by these entities, our firefighters are striving to keep pace with significant changes brought about by studies conducted by Underwriter’s Laboratories and the National Institute of Standards and Technology. These scientific studies have revealed that changes in our modern buildings and their contents have radically altered the fires that today’s firefighters are faced with. The resulting changes in the tactics used to combat these fires has required significant retraining for the entire fire service. This is an ongoing process that is having great results throughout the country.
Training Division

In summary, firefighters have no idea what challenges their next call will bring. Will it be a person having a heart attack, or someone trapped in their car under a tractor trailer? Will there be a brush fire, a residence fire, or a fire in a big box store? Someone with their arm caught in a piece of machinery or a mother giving birth? The only thing that they do know is that, no matter what type of fire/medical/rescue situation they are called to, the public will look to them for the answers. They in turn will look to their personal knowledge, skills, and abilities as well as thousands of hours of training to bring the incident to its best possible resolution.

Ed Herrmann, RN, EMT-P
Division Chief of Training
(561) 742-6337
herrmanne@bbfl.us

F3 Matt Oxendine flows water from the training tower during hose evolutions.
Interim Fire Chief Greg Hoggatt and DC Ed Herrmann present Assistant Fire Marshal Kathy Cline with the 2015 Department Citation Award!
**Organization**

The Fire & Life Safety Division consists of one (1) Fire Marshal; one (1) Fire Protection Engineer focusing on Fire Safety Plans Review, four (4) Assistant Fire Marshals, one (1) Fire Inspector and one (1) Administrative Assistant. The Fire & Life Safety Division has continued its effort to integrate the data from FLS with the data from the Operation Division into a common data base of information that will serve as both a tactical survey source for the Operations Division and a location activity source for Fire and Life Safety.

In this past year, Fire & Life Safety has continued and revamped the Business Tax Receipt and New Construction Final inspection process. We now work more closely with the Building Division to eliminate duel efforts and streamline the process, making it more efficient for all concerned.

Fire and Life Safety has now also become part of the National and State of Florida Flood Plane Management System which effects local flood insurance rates and flood mitigation activity. To that end, we provided the ISO with vital information concerning Critical Structures. Through close coordination with Operation, we were able to provide ISO with a document that showed the staffing at those structures, contact information, evacuation plans, relocation sites and probable resource allocation from emergency agencies. CERT teams were also included, for the first time, in these plans. This is an ongoing program which requires Certification for the Fire Marshal or his designee and ongoing training and meetings at the City, County, State and National level.

Structure fires remain far below the 2012 level of 63 down to 36 in 2015. 2014 saw only 26 structure fires. Some good news is that very few occurred in commercial property, where we focus on inspection.

As the economy improves, we are still seeing an increase in our work load. We have hired Mathew Cawley as our new Fire Inspector and we are looking forward to adding another Inspector soon.
Activities & Revenues

The division completed 4,140 annual inspections, 3,505 re-inspections, 772 building permit inspections, and 1,262 other inspections for a total of 9,629 inspections.

A total of 1,007 plan reviews were completed and the division’s fire investigators conducted twenty-five (25) cause-and-origin investigations.
### Activities & Revenues

<table>
<thead>
<tr>
<th>FLS Activity</th>
<th>2015</th>
<th>2014</th>
<th>2013</th>
</tr>
</thead>
<tbody>
<tr>
<td>Annual Inspections</td>
<td>4,140</td>
<td>3,646</td>
<td>2,317</td>
</tr>
<tr>
<td>Revenue</td>
<td>$261,269</td>
<td>$193,925</td>
<td>$250,724</td>
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<tr>
<td>Re-inspections</td>
<td>3,505</td>
<td>2,435</td>
<td>2,835</td>
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<tr>
<td>Other Inspections</td>
<td>1,262</td>
<td>1,204</td>
<td>1,749</td>
</tr>
<tr>
<td>Building Permit Inspections</td>
<td>722</td>
<td>1,666</td>
<td>1,472</td>
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<tr>
<td>Plan Reviews</td>
<td>1,007</td>
<td>809</td>
<td>1,203</td>
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<tr>
<td>Revenue</td>
<td>$153,739</td>
<td>$101,934</td>
<td>$121,752</td>
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<tr>
<td>Cause &amp; Origin Investigations</td>
<td>25</td>
<td>20</td>
<td>34</td>
</tr>
<tr>
<td>Special Details</td>
<td>4</td>
<td>7</td>
<td>0</td>
</tr>
<tr>
<td>Revenue</td>
<td>$13,320</td>
<td>$4,960</td>
<td>0</td>
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</table>
## Activities & Revenues Continued...

<table>
<thead>
<tr>
<th>FLS Activity</th>
<th>2015</th>
<th>2014</th>
<th>2013</th>
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<tbody>
<tr>
<td>Civil Citations</td>
<td>0</td>
<td>0</td>
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</tr>
<tr>
<td>Revenue</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Community Room</td>
<td>38</td>
<td>37</td>
<td>47</td>
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<tr>
<td><strong>Revenue</strong></td>
<td><strong>$2,090</strong></td>
<td><strong>$2,035</strong></td>
<td><strong>$2,640</strong></td>
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<tr>
<td>Flow Tests</td>
<td>18</td>
<td>17</td>
<td>14</td>
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<tr>
<td>Revenue</td>
<td><strong>$5,400</strong></td>
<td><strong>$5,100</strong></td>
<td><strong>$4,200</strong></td>
</tr>
<tr>
<td>False Alarms</td>
<td>518</td>
<td>492</td>
<td>519</td>
</tr>
<tr>
<td>Revenue</td>
<td><strong>$37,626</strong></td>
<td><strong>$34,550</strong></td>
<td><strong>$29,675</strong></td>
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<tr>
<td>Total Inspections</td>
<td>9,629</td>
<td>8,951</td>
<td>8,373</td>
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<tr>
<td>Total Violations</td>
<td>8,486</td>
<td>7,304</td>
<td>7,117</td>
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<tr>
<td><strong>Total Revenue</strong></td>
<td><strong>$473,443</strong></td>
<td><strong>$341,807</strong></td>
<td><strong>$388,810</strong></td>
</tr>
</tbody>
</table>

Rick Lee  
Fire Marshal  
(561) 742-6601  
leeri@bbfl.us
Employee Recognition

FF3 Christina Tamihi at the pump panel!
**Employees of the Month**

January – Joe Nardi  
February – Latosha Clemons  
March – Maleek Jackson  
April – Greg Schlottman  
May – Ben Abel  
June – Merri Anne Cromartie  
July – Ed Herrmann  
August – Chris Lemieux, Conner Flechaus & Darren Clarke  
September – Georgio Salame  
October – Nicole Roberts, Nick Gordon & Matt Valentine  
November – Brian Jennings & Jon McMahon  
December – Luke Henderson

**Paramedic of the Year**

May’s award recipient, Lieutenant Ben Abel

**Corporate Citation**  
D & D Automotive, Donald Clark II

**Civilian Citation**  
Robert “Bob” Taylor, Pension Board
Unit Citations

MVA & Gas Leak
Doug Brant, Norm Munnial & Francis Finnerty (L103)
Brandon Brescia, Alvis Fernandez & Jarvis Prince (R103)
Mark Henkle, & Vance Carpenter (TRT105)
Rod Nance, Brett Siew & Ruben Lopez (R102)
Johnny Canela, Ken Fellowes, Justin Capodieci & Ryan Kuiper (TF101)

ALS/Head Trauma
Jeff Power, David Salcedo & Michael Agocs (R102)
Ryan Galarneau, Matt Oxendine & Cody Wojciechowski (L104)

ALS/GSW
Latosha Clemons (Battalion 105)
Ben Abel, A.J. DeFilipps & Ian Finlayson (E105)
Brandon Brescia, Alvis Fernandez & Norm Munnial (L103)

Generous Gesture
Joe Senseman, Sam Tolbert III & David McCauley (L103)

Fire Chief’s Value Award
Dean Kinser

Department Citation
Kathy Cline

Meritorious Service Award
Joe Senseman

Dean “Bulldog” Kinser
Employee Recognition

Employee of the Year

Battalion Chief Latosha Clemons

Interim Fire Chief Greg Hoggatt, BC Latosha Clemons and DC Ed Herrmann
# Employee Recognition

## Probationary Firefighters
- Langston Wimberly
- David McCauley
- Emmanuel Fajardo
- Steven Wandell

## Firefighter 1
- Daniel Zeltmann
- Charles Myers
- Jesse Clement

## Active Paramedic Status
- Jesse Clement

## Operator Engineer
- Brett Siew
- Kevin Cox

## Lieutenant
- Jon Raybuck
- Kurt Lewis
- Alvis Fernandez

## Captain
- Doug Brant
- Ryan Galarneau

## Battalion Chief
- Chris Wandell
- Latosha Clemons

## New Staff Employees
- Misty Mattox

## Academic Degrees
### Bachelors
- Langston Wimberly

### Associates
- Steven Wandell
- Emmanuel Fajardo
Employee Recognition

Years of Service

10
Daniel Fischer
Jon McMahon
Chris Laquerre
Michael Reap
Georgio Salame

15
Adam Turey
Alvis Fernandez
Chris MacAlpine

20
Rod Nance
Robert Kruse

Retirement!

Jim Witt, 28-years (August)
Ron Rudy, 25-years (January)
Sharon Reilly, 15-years (September)
Mike Temperilli, 25-years (December)