



## **FWC Lionfish Derby Workshop**

### **January 13, 2015**

### **Clearwater, FL**

### **Lionfish Derbies: A tool for building capacity and affecting control**

*Lad Akins, REEF*

#### **Types of removals:**

- 1) Incidental—hook and line, traps
- 2) Individual—targeted but not focused; divers and/or snorkelers, spear fishers (not getting in the water just for lionfish, but if they see any they will target them)
- 3) Focused—effective but expensive; agencies, organized divers (getting in the water for the sole purpose of hunting lionfish)
- 4) Events—club projects, festivals, derbies

#### **Lionfish derbies can:**

- 1) Increase knowledge and awareness
- 2) Engage local and visiting marine enthusiasts
- 3) Train removers in safe and effective techniques
- 4) Encourage development of markets and uses
- 5) Generate media attention
- 6) Support research
- 7) Encourage participants in ongoing removals
- 8) Encourage removals from non-traditional sites
- 9) Provide economic benefit
- 10) Remove lots of lionfish

#### **Elements of effective derbies:**

- 1) Partnerships
  - a) Essential for securing a venue and funding
- 2) Promotion
  - a) Free—word of mouth, social media
  - b) FWC can help get word out via social media
- 3) Incentive
  - a) Prizes and recognition
  - b) Free products
  - c) Participants can sell their derby catch to a wholesaler then the money can go back to the derby or donated to a charity—FWC still working on this, should be ready soon
- 4) Staffing



- a) You will need more than you think! Volunteers with specific assignments are key
- 5) Captain's meeting
  - a) Every derby should have one
  - b) Go over derby rules, prizes, lionfish collecting and handling etc.
- 6) Scoring
  - a) Measure total length of all lionfish
  - b) Speed is important—don't want it to take hours
  - c) Can gather large amounts of data by measuring all fish
  - d) Can use standard length-weight relationships to calculate lionfish weights later
  - e) Helpful to have raffles, door prizes, place where people can hang out and be happy while waiting (a restaurant nearby is good...)
- 7) Data gathering
  - a) A great opportunity to do more than just bring the fish in
  - b) Collect effort, location and socioeconomic data from the teams
- 8) Scientific use of specimens
  - a) Partnering with research groups should be a key part of a derby
- 9) Demonstrations/tastings
  - a) Public opportunity—filleting, free tastings, dissections etc.
- 10) Media
  - a) Have to invite the media
  - b) Have to put the word out to them
  - c) The greater the number and broaden the range, the more chance you have of getting someone from the media there
  - d) Send pictures to really grab their attention and encourage media personnel to cover the derby
  - e) Get to know them, feed them information throughout the year—then you can become a resource for them and they'll come to you—it's a long-term relationship!
  - f) Invite them to local meetings
  - g) FWC can help you make connections in your region
  - h) You should have someone dedicated to helping the media when they show up at the event—you want them to come to any future events you have, so treat them well and make sure they get a good story out of it
  - i) Give the media everything they need to cover the issue thoroughly

### **REEF Sanctioned Lionfish Derby Program:**

- 1) Provides helpful derby tools, templates and promotion materials free of charge
  - 2) Certain criteria need to be met: captain's meeting, only lionfish tournament, all lionfish brought in must be measured, research samples available to researchers, public tasting (where appropriate), and the proceeds benefit marine conservation
- \*visit [www.reef.org/lionfish/events](http://www.reef.org/lionfish/events) to read more about this program



## **How effective are lionfish derbies?**

A 3 year study conducted in Key Largo and Green Turtle Cay, Bahamas, indicates that derbies can be very effective at reducing local lionfish populations and average lionfish sizes.

## **Fundraising and Outreach**

*Candy Hansard, Emerald Coast Artificial Reef Association*

Who is going to get donations when everyone has their hands out?

### **Steps to getting funds:**

- 1) Set a goal
  - a) What do you want to accomplish?—need specific goals
  - b) Write the goal down—this helps to keep you motivated
  - c) Stay focused
  - d) Believe
  - e) Need to be able to measure your success in some way
- 2) Make a plan
  - a) Assemble a team
  - b) Assignments—need an event organizer who assigns tasks to each team member
  - c) Fundraising plan
  - d) Media/marketing—need someone with marketing skills
  - e) Create a donor list: networking, cold calling
- 3) Get to work
  - a) Set your date, secure venue
  - b) Finalize your rules
  - c) Begin prospecting donors—you're selling them on the idea of them giving you money
  - d) Contact local news media
    - i. Letters to the editor are free—ask others to write letters
  - e) Flyers to dive shops
  - f) Certificates of appreciation to anybody that gives money
  - g) Help donors by sending them business year-round
    1. Keep donors updated on your successes
  - h) Networking: everyone has a sphere of influence—try to tap into as many spheres as possible
- 4) Stick with it - Rejection can happen, just keep going
- 5) Reach goal - You achieved your goal, so now what? This is an ongoing situation



## **Tournament Series, Research Donation, Workshops and Fish Sales** *Andy Ross and Gary Emerson, Gulf Coast Lionfish Coalition*

### **Tournament Series:**

- 1) 6 total lionfish events in 2014—4 were single day shootouts, 2 were multi-day events
- 2) 150+ registered participants
- 3) Had a combination of teams and individual participants
- 4) Had about 25 sponsors
  - a) ~\$2,000 dollars for cash prizes + lots of product prizes
- 5) Had great hosting venues
- 6) 7,497 total lionfish collected (max was 2,225 in one day)
- 7) Ended up only having 15-20 people participating toward the end of the year, probably due to the novice hunters dropping out
  - a) Going to change prize structure so novice hunters still get something
  - b) Amateur and professional category?

### **Education and Outreach:**

- 1) Conducted lionfish workshops
- 2) Partnered with other fishing tournaments to put lionfish as another fish category
- 3) Research donations to different universities and groups
- 4) Lionfish reporting—counting lionfish and reporting the numbers for specific sites: have done ~45 reports
  - a) Have seen reduction in lionfish at those public sites
- 5) Bring it to the market—still need constant supply

## **“Dead or alive, you’re coming with me”-Lionfish rapid capture techniques-** *Bryan Clark, Coast Watch Alliance*

### **Important factors in successful hunting:**

- 1) Most important factor in getting lionfish is knowing the hotspots—this cuts down on search time
- 2) For derbies, point people to areas with a lot of lionfish?—could help increase your numbers
- 3) Rebreathers can make a big difference—should we have a different category in derbies for people on rebreathers? (They have an advantage)
- 4) Experience
- 5) Having your own boat
- 6) Good containment device



## **Derby lionfish donated for research: What happens next?**

*Alex Fogg, University of Southern Mississippi*

- 1) Majority of his fish are coming from divers armed with spears—includes derbies (over half his fish)
- 2) 11 tournaments in 2013 and 28 in 2014 (12 were lionfish only)

### **Project Objectives:**

- 1) Spatial expansion:
  - a) Locations of 7,000+ lionfish collections from the northern Gulf of Mexico
  - b) March 2012 until Jan. 2015 at depths 6 - 350 ft
- 2) Reproductive life history:
  - a) Average ~28,000 eggs per spawn—as many as 115,000 eggs
  - b) Capable of reproducing 11 months out of year (not March yet)
  - c) Spawn about every 2-3 days (this is variable dependent on temperature)
  - d) On average, 2.2 million eggs per year!—comparable to native fish, but per body weight lionfish producing much more and more frequently
  - e) Peak spawning in the Northern Gulf is between May and November
- 3) Age and growth:
  - a) Otoliths (fish ear bone) used to age fish—just count the rings like you count tree rings
  - b) Lionfish are hard to age though
  - c) Other ways to estimate age and growth: measuring every fish can tell us a lot about age and growth
  - d) Oldest lionfish aged was 4.5 years old
  - e) Had samples from 2 derbies on same day in different locations  
The growth curves were different— could indicate different growth rates or different reproductive season?
- 4) Feeding ecology
  - a. Finding many different species
  - b. One of most unique was a frogfish

## **Local Government's role in Derbies**

*Robert Turpin, Escambia County Marine Resources*

- 1) Working with marine science academies in high school—helping them do science
- 2) It's all about partnership and collaboration!
- 3) Challenge: There are activities they can't do because of risk managers
- 4) They monitor artificial reefs



- a) They can help report the presence of lionfish on these artificial reefs and then call others to go out and remove the lionfish them
- 5) Key Questions:
  - a) How are artificial reefs interacting with lionfish?
  - b) How are they changing the local marine ecosystems?
- 6) They're approaching other fishing tournaments to add a lionfish category
  - a) It's important to develop contacts over time
  - b) Get tournament calendars to see when other fishing tournaments are happening
  - c) Usually the tournament directors are open for having something exciting added like lionfish

## **Martin County Artificial Reef Program**

*Jessica Garland and April Price*

- 1) Website: [MCLionfish.com](http://MCLionfish.com)
- 2) They had their first lionfish derby in 2011 as part of another fishing tournament
- 3) Their 1<sup>st</sup> stand-alone lionfish event is May 30, 2015
- 4) There are some problems with coordinating with other fishing tournaments:
  - a) The media spent more time on lionfish than the other fish—took media focus away from the main tournament
  - b) Space limitation
- 5) It's important to get connected with local government groups and other NGOs
- 6) Essential to bring education to the forefront of the derbies
- 7) They have lionfish workshop (April 24<sup>th</sup> at 6pm) followed by dive and cookout the next day (April 25<sup>th</sup> 8am-1pm)—Receive a grant from West Marine to fund this

## **Treasure Coast Lionfish Safari**

*Bob Hickerson*

- 1) Bob has participated in over 20 lionfish derbies in past 4 years and hosted 2 derbies
- 2) 2013 and 2014 Treasure Coast Lionfish Safari:
  - a) Fort Pierce City Marina
  - b) 6 teams 20 divers
- 3) Guy Harvey funding and Landshark beer among others
- 4) Prizes: cash, dive gear, gift certificates, massages, etc.



- 5) Held public tastings and sold lionfish to restaurants
- 6) Focused on making it a lionfish-only tournament
- 7) They tweaked the derby model a bit—gave free ice to every team so they could keep their lionfish cold while on the water

### **Event Successes:**

- 1) Raised awareness—great venue for bringing in outside public
- 2) Several local fish markets and restaurants have started carrying lionfish when they can get it
- 3) Had free live entertainment and invited local marine artists—this can engage more of the public sector not directly involved in the tournament

### **Event Challenges:**

- 1) Raising the funds
- 2) Having enough help the day of the event—getting all of the work done
- 3) Disposition of the fish—is it reasonable to require the teams to donate their fish?—what about other options?
  - a) Allow teams to keep the fish so they can sell them?
  - b) Might attract the more serious hunters if they can sell their catch
- 4) Can we count on assistance with funding (cash) from FWC?
- 5) Special permits to remove from restricted area

## **Derby Sponsorship Opportunities: How it works**

*Dan Ellinor, FWC*

They have \$259 K to be used for education only (includes sponsorships), sponsorships paid on back end if through contract

### **Requirements for sponsorship:**

- 1) Organization is registered as a vendor at [MyFloridaMarketplace.com](http://MyFloridaMarketplace.com)
- 2) Must create a sponsorship package to include:
  - a) Space and ability for the FWC lionfish outreach team to set up “Be the Predator” booth
  - b) FWC logo included on tournament ads, websites, t-shirts
  - c) Have to put your package on that website in order to get the money up front instead
- 3) Does not include:
  - d) Merchandise



- e) Food tickets
- 4) You can also do a contract with FWC, but will get paid on the back end
- 5) The money is fluctuating

### **What's one standard sponsorship amount that would work for everybody?**

#### **Things to consider:**

- 1) The scale of derby and whether it's lionfish only tournament or a category in another fishing tournament
- 2) How many tournaments will there be? Need to be reasonable with the amounts
- 3) Have a 2-tiered system?
  - a) Lionfish only vs. lionfish category in another fishing tournament (\$2500 vs. \$500?)
  - b) Or should we have one set amount for all because of the benefits of having the FWC presence at the derby
- 4) Have a deadline for applications? So FWC can budget accordingly?
- 5) The ultimate goal is to have one deadline application so they can budget the entire year
- 6) Hold an annual derby workshop—this could be the time and place that everybody submits their derby applications
- 7) Give an equal share to every county in Florida?—make equitable statewide because it's a statewide problem
  - c) This could be difficult because a lot of the counties overlap etc.

### **Reef Rangers Lionfish Control Program**

*Meaghan Faletti, FWC*

- 1) Similar to “Adopt a Highway” program
- 2) Divers pledge to conduct lionfish removals at local reefs of their choice
- 3) Map of reef sites and lionfish reports are provided
- 4) [ReefRangers.com](http://ReefRangers.com) to launch soon—designed by Guy Harvey Magazine
- 5) Participants recognized for their efforts by reporting their catch
- 6) Use localized effort to control lionfish—identify gaps where reefs aren't being culled regularly and assign those reefs out
- 7) Need to think about how to deal with recolonization?—every site varies especially in terms of recolonization
- 8) Multiple people can register for one site
- 9) Potential to gather a lot of great data
- 10) Need to think about what types of corporate sponsors might be interested in sponsorship? What incentives can we give them? How can we sell this program to them?
- 11) Could have different success levels for each reef (for ex: a gold reward for reducing lionfish by 80%)





## **Goals:**

- 1) To create enthusiasm for local lionfish removal efforts
- 2) Provide a way for divers to find sponsors to fund their removals
- 3) Fill in the gaps in local removal efforts
- 4) Identify high priority sites
- 5) Bring attention to the issue and raise awareness by encouraging financial participation from non-divers

## **Lionfish Removal and Awareness Event-May 16-17, 2015:**

- 1) Awareness event to kick off the Reef Ranger program and raise awareness for the issue—central event venue will be the Plaza DeLuna in Pensacola, FL
- 2) It will be a designated State Lionfish Removal and Awareness Day (like the International Coastal Clean-up)
- 3) Hunters can report their catch to the event center in Pensacola and to the Report Florida Lionfish app.
- 4) They will be eligible for prizes for their efforts
- 5) Awards will be announced at central event location in Pensacola
- 6) They will have signups for the Reef Ranger Program at the event in Pensacola
- 7) GCLC will have a lionfish derby that day too to help bring in more fish
- 8) Other areas in Florida can have lionfish landing “hubs” on this day
- 9) Can have live feeds from all over the state feeding into the central location in Pensacola
- 10) Still working on a name for this big event



## Identified Challenges and Solutions from the “Round Table” Discussion

Needs/Challenges	Ideas/Solutions
<b>Identifying local government</b>	<ul style="list-style-type: none"> <li>- Creating a sub-committee of county representatives</li> <li>- State could brief individual counties on lionfish</li> </ul>
<b>Points champion contest</b>	<ul style="list-style-type: none"> <li>-Have a tournament similar to a Kingfish Slam</li> <li>-An ongoing tournament throughout the whole summer</li> <li>- Requires regional collaboration</li> </ul>
<b>Promote capture of small/live lionfish</b>	<ul style="list-style-type: none"> <li>- Introduce idea to aquarium collectors (more \$ for live fish)</li> <li>-use nets or slurp guns</li> </ul>
<b>Lack of participation from “big game” spearfishermen</b>	<ul style="list-style-type: none"> <li>- “Big Fish” prize of ~\$5,000 (will really need to promote this and publicize it)</li> <li>- Slot size prize—mystery winning size and first hunter to submit the correct size gets a prize</li> <li>- Charter discounts (FWC will research options)</li> <li>-Help promote the commercial sale of lionfish—pro-sport class of lionfish hunters who can then sell it</li> </ul>
<b>Lack of awareness of SPL/commercial sales</b>	<ul style="list-style-type: none"> <li>- FWC working with Florida Sea Grant on this; perhaps a pamphlet or information online</li> </ul>
<b>Low diving frequency</b>	
<b>Wholesale hesitancy</b>	<ul style="list-style-type: none"> <li>- Encouraging restaurants to obtain wholesale license to easily collect lionfish from SPL holders</li> </ul>
<b>Lionfish-specific SPL</b>	<ul style="list-style-type: none"> <li>- Legislative action needed</li> <li>-Would it help having outside support advocating this?</li> </ul>
<b>Call to action</b>	<ul style="list-style-type: none"> <li>- Ask for lionfish in restaurants (non-divers)</li> <li>- Increase personal consumption</li> </ul>
<b>Identify goals (numbers, sizes, in the market)</b>	<ul style="list-style-type: none"> <li>- Write them down</li> </ul>
<b>Increase awareness using TV/PSA</b>	<ul style="list-style-type: none"> <li>- Look for low, or no-cost advertising</li> <li>- Work with local fishing shows and news networks</li> <li>-Allocate funds towards a media campaign for one of the major TV stations—create a short segment that runs multiple times</li> </ul>
<b>Appealing to first-time lionfish hunters</b>	<ul style="list-style-type: none"> <li>- Once exposed, they’re hooked!</li> <li>- Dive shops conduct LSD (Lionfish Scuba Dive) like Curacao’s program to introduce divers to this new hobby.</li> <li>- Make goals to take out new divers</li> </ul>
<b>Becoming comfortable handling and harvesting lionfish safely</b>	<ul style="list-style-type: none"> <li>- More workshops/clinics that include a hunting experience</li> <li>-organize collecting workshops before the big May 2015 event</li> <li>- FWC-sponsored dive courses?</li> <li>- DEMA idea: How to make \$\$ off lionfish</li> </ul>
<b>Distance to travel offshore = gas money</b>	<ul style="list-style-type: none"> <li>- Reef Rangers program will help identify potential sponsors</li> </ul>
<b>Funding</b>	<ul style="list-style-type: none"> <li>-Get BP money—many different money pots at different levels</li> <li>-Approach tourist development boards as possible funding source—the season matters</li> <li>-Find a corporate sponsor that partners with all of us—Coca cola etc.</li> </ul>
<b>Communicating/sharing ideas within the group</b>	<ul style="list-style-type: none"> <li>- ListServ</li> <li>- GCFI Webportal (<a href="http://lionfish.gcfi.org/index.php">http://lionfish.gcfi.org/index.php</a>)</li> <li>- Calendar shared on FWC webpage</li> </ul>
<b>Deep water harvest</b>	<ul style="list-style-type: none"> <li>- Innovative gear – several projects underway</li> </ul>
<b>Derby scheduling</b>	<ul style="list-style-type: none"> <li>- During reef fish closures, peak spawning season?</li> </ul>



## 2015 Tentative Lionfish Event Calendar

Event Name	Location	Contact	Date
<b>REEF Islamorada Derby</b>	Islamorada	Lad Akins	February 7
<b>MCAC Lionfish Clinic &amp; Hunt</b>	Loxahatchee River Center	Jessica Garland	April 24-25
<b>Jacksonville Lionfish Blast</b>	Jacksonville		April
<b>Florida Gulf Coast University Lionfish Tournament</b>	Fort Myers	Cade Stokes	April
<b>Lionfish Awareness Month</b>	Martin Co.	Jessica Garland	May
<b>Gulf Coast Lionfish Coalition Tournament</b>	Pensacola	Andy Ross	May 16-17
<b>ECRA Lionfish Tournament</b>	Okaloosa Co.	Candy Hansard	May 16-17
<b>Sarasota Lionfish Derby</b>	Sarasota	Allie ElHage	May or June
<b>Guns N Hoses</b>		MBT Spearfishing	June
<b>Treasure Coast Lionfish Safari</b>	Ft. Pierce	Bob Hickerson	June 6
<b>Flora-Bama Fishing Rodeo</b>	Flora-Bama Yacht Club	Gary Emerson	June 13-14
<b>World of SCUBA Derby</b>	Boca Raton	Sean Meadows	July
<b>Spearboard Tournament</b>			July
<b>Teeples Memorial REEF-sanctioned Derby</b>	Ft. Lauderdale	Lad Akins	July 18
<b>Lion Tamer Tournament</b>	Panama City	Michelle Gerth	July 25
<b>Savage Slam</b>	Carlouel Yacht Club, Clearwater Beach	Kali Spurgin	July or August
<b>St. Pete Open Spearfishing Tournament (lionfish division)</b>	St. Petersburg		August
<b>Northeast Florida Lionfish Rodeo</b>	Jacksonville	Walt Quinn	August 8
<b>Alabama Spearfishing Open/Rodeo (lionfish division)</b>	Alabama	Gary Emerson	August 14-16
<b>REEF Palm Beach Derby</b>	Palm Beach Co.	Lad Akins	August 15
<b>Reef Monitoring Lionfish Round-Up</b>	St. Pete Beach	Sean Patterson	September
<b>Suncoast Spearfishing Tournament (lionfish division)</b>	Sarasota	Chris Barton	September
<b>GCLC Lionfish Tournament</b>	Pensacola	Andy Ross	September 12
<b>REEF Key Largo Derby</b>	Key Largo	Lad Akins	September 12
<b>eBoat Listings REEF-sanctioned Derby</b>	Boynton Beach	Jessica Anderson	October
<b>Sanctuary Friends Foundation Lionfish Tournament</b>	Marathon	Kristen Livengood	
	Collier Co.	Chris D'Arco	
	Lee Co.	Mike Campbell	
<b>Apalachicola NERR Derby</b>	Franklin Co.	Margaret Posten	
		FAU	
<b>Naples Spearfishing</b>	Naples	Bill D'antuono	



## Florida Lionfish Derby Workshop Agenda

January 13, 2015

Clearwater Beach Marriott on Sand Key

**Objective:** To discuss derby data from the previous year, collaborate with other derby organizers by sharing successes and lessons learned, develop plans for future derbies and collaborate on a calendar of derbies across the state of Florida; to facilitate communication between various lionfish derby-organizing groups around the state, and to provide guidance for seeking state support for derbies.

### Schedule:

9:00 – 9:15	Introductions, Meeting Objectives
9:15 – 10:00	<b>Lad Akins</b> , REEF – Setting the stage... Elements of successful derbies, 7 years of lessons learned.
10:00 – 10:15	<b>Candy Hansard</b> , Emerald Coast Artificial Reef Association – Fundraising and Outreach
10:15 – 10:30	<b>Andy Ross</b> and <b>Gary Emerson</b> , Gulf Coast Lionfish Coalition – Tournament Series, Research Donations, Workshops and Fish Sales
10:30 – 10:45	<b>Bryan Clark</b> , Coast Watch Alliance – “Dead or alive, you’re coming with me” – Lionfish rapid capture techniques
10:45 – 11:00	<b>Break</b>
11:00 – 11:15	<b>Alex Fogg</b> , University of Southern Mississippi – Derby Lionfish Donated for Research: What Happens Next?
11:15 – 11:30	<b>LeRoy Creswell</b> , Florida Sea Grant – NOAA/GCFI Lionfish Webportal – Sharing Information
11:30 – 11:45	<b>Robert Turpin</b> , Escambia County Marine Resources – Local Government’s role in Derbies



11:45 – 12:00	<b>Jessica Garland</b> and <b>April Price</b> , Martin County Artificial Reef Program
12:00 – 12:15	<b>Bob Hickerson</b> , Treasure Coast Lionfish Safari
12:15 – 1:15	<b>Lunch provided by REEF</b>
1:15 – 2:45	“Round Table Discussion” – open group discussion about organizing successful derbies, successes and challenges
2:45 – 3:00	<b>Break</b>
3:15 – 3:45	<b>Dan Ellinor</b> , FWC – Derby sponsorship opportunities: How it works
3:45 – 4:15	<b>Meaghan Faletti</b> , FWC – Reef Rangers Lionfish Control Program – Searching for participants in a new and innovative control program
4:15 - 4:30	Lionfish Derby Calendar Organization and request for May derbies  (Dates or general idea of dates compiled into a list with locations)
4:30 – 5:00	Final comments
5:00	<b>Social Hour</b>



## Appendix I. List of Attendees

Name	Organization	Email
Meaghan Faletti	FWC	meaghan.faletti@myfwc.com
Daniel Ellinor	FWC	daniel.ellinor@myfwc.com
Alan Peirce	FWC	alan.peirce@myfwc.com
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Elizabeth Underwood	REEF	elizabeth@reef.org
Bryan Clark	Coast Watch Alliance	bclark@coastwatchalliance.org
Anna Clark	Coast Watch Alliance	aclark@coastwatchalliance.org
Margaret Posten	Apalachicola National Estuarine Research Reserve	margaret.posten@dep.state.fl.us
Chris D'Arco	Collier County	christopherdarco@colliergov.net
Robert Turpin	Escambia County	rkturpin@co.escambia.fl.us
Alex Fogg	University of Southern Mississippi Gulf Coast Research Lab	fogg.alex@gmail.com
Gary Emerson	Gulf Coast Lionfish Coalition	algulfdiver@aol.com
Andy Ross	Gulf Coast Lionfish Coalition	sharkman58@gmail.com
Allie ElHage	Zookeeper	zookeeperlcu@gmail.com
Bob Cox	Mexico Beach Artificial Reef Association	coxrl202@gmail.com
Carol Cox	Mexico Beach Artificial Reef Association	
Bob Hickerson	Team Frapper	thefrapper001@gmail.com
Candy Hansard	Emerald Coast Artificial Reef Association	candy@ecreef.org
Kali Spurgin	Carlouel Yacht Club	kalispurgin@gmail.com
Ian O'neil	Carlouel Yacht Club	
Jessica Garland	Martin County	jgarland@martin.fl.us
April Price	Martin County	apriceassoc@aol.com
LeRoy Creswell	UF Sea Grant Indian River Research and Ed Center	creswell@ufl.edu
Sean Meadows	World of SCUBA/Gold Coast Lionfish Derby	worldofscubafl@gmail.com
Holden Harris	Guana Tolomato Matanzas (GTM) National Estuarine Research Reserve	holden.earl.harris@gmail.com
Rob Tilman	Lionfishing.org	rob.tilman@att.net
Walt Quinn	Northeast Florida Lionfish Rodeo	waltquinn@comcast.net
Chandra Wright	Alabama Gulf Coast Reef & Restoration Foundation	cwrightesq@aol.com



## Appendix II. Derby Information

Items to consider sharing with the group:

- Derby name
- Location/region
- Number of participants
- Entry Fee
- Sponsorships
- Number of total lionfish
- Largest and smallest lionfish
- Number and types of prizes awarded
- End use of lionfish
- Successes
- Challenges