

**From:** [Mike Murray](#)  
**To:** [Michelle Baker](#)  
**Cc:** [Thayer Broili](#)  
**Subject:** Re: First Draft (EDITS NEEDED)  
**Date:** 12/03/2008 11:02 AM

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Thanks Michelle. I do not plan to attribute edits to you and Britta. My approach to refining the first draft was to try to address the resource management issues first, then share refined document with LE to address the people management issue.

Mike Murray  
Superintendent  
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▼ [Michelle Baker/CAHA/NPS](#)

**Michelle  
Baker/CAHA/NPS**

12/03/2008 10:44 AM

To: Mike Murray/CAHA/NPS@NPS  
cc: Thayer Broili/CAHA/NPS@NPS  
Subject: Re: First Draft (EDITS NEEDED) 

Mike,

Here are the edits from Britta and I. We want to make it clear to everyone that reads these changes that we have nothing against night fishing what-so-ever. In a perfect world, this plan would go off flawlessly and everyone would follow the rules and regulations of the Seashore. Unfortunately, as we know this is not the case, we have tried to add additional measures that will protect the resource from the violations that we know will occur repeatedly.

We will talk to on the call.

Michelle and Britta  
-----Mike Murray/CAHA/NPS wrote: -----

To: Britta Muiznieks/CAHA/NPS@NPS

0022264

From: Mike Murray/CAHA/NPS  
Date: 12/02/2008 09:59AM  
cc: Michelle Baker/CAHA/NPS@NPS, Thayer Broili/CAHA/NPS@NPS  
Subject: Re: First Draft (EDITS NEEDED)

Britta,

Thank you for your comments, which are helpful. Would you please convert the comments into edits (i.e., make changes in the document so that it makes sense to you), so that I have a revised draft to forward to the LE folks for the next round of review. If there is a better or more practical way to do it, please suggest it. To the extent possible, focus on what you think we realistically can do, as opposed to what we could do or might do if some variable were different. For example, maybe we can get an intern to do some night-time turtle nest monitoring, but I don't want to propose a program to the subcommittee that is dependent on that happening. I can see that the first draft was too ambitious, so let's simplify it (e.g., eliminate the second adaptive management objective about measuring the effects of stationary lighting before and after a light management ordinance; limit night fishing access to only Cape Point and Hatteras Inlet (via Spur Road) and describe how we would manage that and measure the impacts in an adaptive management program. We could have a strict limit on the number of people allowed each night and manage them through permits, so we know who is out there each night and they know the rules; but we still need to define whatever basic monitoring measures will allow us to determine if allowing that level of night fishing access is a problem for either resource protection or enforcement - need some resource metrics from you; can have the LE Rangers work on metrics for enforcement).

In any case, I am under a tight deadline to provide something to the subcommittee by COB tomorrow. I would like to quickly home in on what we think is workable for both RM and LE. Thanks!

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Britta Muiznieks/CAHA/NPS

**Britta  
Muiznieks/CAHA/NPS**

0022265

12/02/2008 09:26 AM

To Mike  
Murray/CAHA/NPS@NPS

cc Michelle  
Baker/CAHA/NPS@NPS,  
Thayer  
Broili/CAHA/NPS@NPS

Subject Re: First Draft

Mike-

Some quick comments from Michelle and I. To do a good study and to be able to determine cause and effect, we would have to have people out there at night to observe what is actually going on. Under our current staffing levels we would not be able to go out in the morning (after the fact) and determine what happened to cause a false crawl or hatchling misorientation. I would recommend that we contract someone to do a study so they could set up a proper study design and come up with defensible conclusions. If a good study is designed, we could possibly continue it with some additional effort.

Britta

Britta Muiznieks  
Wildlife Biologist  
Cape Hatteras National Seashore

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Mike Murray/CAHA/NPS

**Mike**  
**Murray/CAHA/NPS**

11/26/2008 05:43 PM

To Britta  
Muiznieks/CAHA/NPS@NPS

cc Thayer  
Broili/CAHA/NPS@NPS,  
Michelle  
Baker/CAHA/NPS@NPS

Subject First Draft

Britta,

Attached is a first draft of an Adaptive Management proposal for sea turtle management. To the extent possible I tried to incorporate what we had already identified we would do for sea turtle management in our alternatives (e.g., monitoring frequency, data collection, management actions). I looked at the adaptive management recommendations in the USGS sea turtles protocols (frankly, pretty complicated and labor intensive), then tried to craft something simpler and more manageable. I have no expertise with adaptive management. This draft is entirely a copy-and-paste job, cobbled together (hopefully) by common sense.

Would you and Michelle please review and provide consolidated comments early next week. Particularly focus on the YELLOW highlighted sections, which need your input, but feel free to comment on anything. Feel free to make major changes if you think it will make it more effective or practical to implement.

I'd like your comments. especially on the resources management portions of the document, before I distribute it a little more broadly within NPS (e.g., LE rangers, Darrell, Sandy Hamilton, maybe Tim Pinion). I expect that the rangers will have concerns about the people management part of it, so I want their input on how to make that part workable. After the second round of NPS input, I'll incorporate comments before sharing a "draft proposal" with the Natural Resource subcommittee.

[attachment "Adaptive Mgt Proposal Sea Turtles.11.26.08.doc" deleted by Britta Muiznieks/CAHA/NPS]

Thanks,

Mike Murray  
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[attachment "Adaptive Management-Sea turtles.doc" removed by Michelle Baker/CAHA/NPS][attachment "Adaptive Management-Sea turtles.doc" deleted by Mike Murray/CAHA/NPS]