



Jennifer Schultz - NOAA Federal &lt;jennifer.schultz@noaa.gov&gt;

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**RE: Green Sea Turtles**

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**Jackson, Jered CIV NAVFAC SE** <jered.jackson@navy.mil>  
To: AnnMarie Lauritsen <annmarie\_lauritsen@fws.gov>  
Cc: "Jennifer.Schultz@noaa.gov" <Jennifer.Schultz@noaa.gov>

Tue, Sep 6, 2016 at 11:36 AM

Ann Marie and Jenny,

I've heard back from Pensacola and Key West, so I want to pass those along to you.

Key West: The installation follows the statewide nesting survey protocol. None of the NAS Key West beaches is an index beach. Currently, they monitor under a permit obtained by Harry Appel with Save-A-Turtle of the Lower Keys. Next year, the Env Dept expects to have its own permit to monitor. They monitor their beaches daily for activity during nesting season and report the data to the state via Save-A-Turtle. NAS Key West stranding data is reported to NMFS.

Pensacola: NAS Pensacola does follow State guidelines when it comes to outdoor lighting but it is not specifically described in the INRMP. This information can be added to the text.

I previously answered the questions about sea turtle information from adjacent properties and how the installations handle seagrass protection and sea turtle projects, but I can clarify further if you'd like.

It looks like I still owe you answers for Mayport and Panama City, but I will be out of the office for the remainder of this week. Hopefully, I can get you those answers early next week.

Thank you!  
Jered

—Original Message—

From: AnnMarie Lauritsen [mailto:[annmarie\\_lauritsen@fws.gov](mailto:annmarie_lauritsen@fws.gov)]  
Sent: Monday, August 29, 2016 9:30 AM  
To: Jackson, Jered CIV NAVFAC SE  
Cc: [Jennifer.Schultz@noaa.gov](mailto:Jennifer.Schultz@noaa.gov)  
Subject: [Non-DoD Source] RE: NAS Pensacola

Hello Jered,

Thank you for the additional information on NAS Pensacola. I have a couple of questions on the INRMPs that I hope you can help answer as Jenny and I review the INRMPs:

Mayport INRMP:

The INRMP states " Projects described in this INRMP that benefit and conserve sea turtles and their habitat include Light Management to Benefit Sea Turtles, Control Invasive, Exotic, and Noxious Species, Rare, Threatened, and Endangered Species Survey, INRMP Update, Nuisance Animal Control, GIS Database, and Species Protection and Habitat Development (see Chapter 6 for descriptions)."

1. How is the Light Management Plan incorporated into Mayport operations to ensure that the lights are being retrofitted to effectively reduce the artificial lighting that is directly and indirectly visible from the adjacent areas? Is there an opportunity to comment on the Light Management Plan to then incorporate into the INRMP?  
On page 2-5 it states the following" The inspections resulted in a determination that the lights associated with the nighttime mechanical dredging of NS Mayport were in compliance with the USFWS consultation conditions with respect to the beaches contiguous to NS Mayport that support nesting and hatchling sea turtles. The inspections also determined that the lighting associated with the nighttime mechanical dredging operations of NS Mayport was not in compliance with the USFWS consultation conditions with respect to sections of beach contiguous to Huguenot Park (USFWS 2012)."  
Were these lights found to be out of compliance? If so, what was the remediation?

2. How are actions listed above completed to benefit green turtles?

Panama City INRMP

1. Are there any actions that benefit nesting and hatchling green turtles at Beach Site 4- page 6-49 and 6-50? Lighting Plan, predation control, education, or consistent nesting surveys? Do they follow the Statewide Beaches Survey Protocol and the Index Nesting Beach Survey Protocol?
2. Does the Navy have any additional information on green turtles in St. Andrews Bay adjacent to the installation? Does the Navy do seagrass protection and/or green turtle inwater project?

#### Pensacola Complex INRMP

1. How is the lighting information provided incorporated into the INRMP to benefit nesting and hatchling green turtles? How is the artificial lighting minimized and these measures incorporated into the INRMP?
2. Does the Navy have any additional information on green turtles in Pensacola Bay adjacent to the installation? Does the Navy do seagrass protection and/or green turtle inwater project?

#### Key West INRMP

1. Provide information on the consistency of sea turtle nesting surveys on these beaches? Do they follow the Statewide Beaches Survey Protocol and the Index Nesting Beach Survey Protocol?
2. Does the Navy have any additional information on green turtles in Key West adjacent to the installation? Does the Navy do any seagrass protection and/or green turtle inwater project?

#### Corpus Christi INRMP

1. Does the Navy have any additional information on green turtles in Corpus Christi adjacent to the installation? Does the Navy do any seagrass protection and/or green turtle inwater project?

Thank you for your help,

Ann Marie

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Ann Marie Lauritsen  
SE Sea Turtle Coordinator  
U.S. Fish and Wildlife Service  
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Saint Petersburg, FL 33701  
Phone: (904) 731-3032 or (904) 525-0661  
[www.fws.gov/northflorida](http://www.fws.gov/northflorida)

—Original Message—

From: Jackson, Jered CIV NAVFAC SE [mailto:[jered.jackson@navy.mil](mailto:jered.jackson@navy.mil)]  
Sent: Thursday, August 25, 2016 3:37 PM  
To: [annmarie\\_lauritsen@fws.gov](mailto:annmarie_lauritsen@fws.gov); Jennifer Schultz - NOAA Federal  
Subject: NAS Pensacola

Ann Marie and Jenny,

It turns out that the language I said was in the NAS Pensacola energy design guide is not actually in there. The language is, however, applied during the Environmental Department's review of construction projects at NAS Pensacola and the Natural Resources Manager tells me they intend to insert it into the energy guide. I just wanted to make sure to correct that bit of mis-information for you.

Jered

—Original Message—

From: Jackson, Jered CIV NAVFAC SE  
Sent: Thursday, August 18, 2016 1:35 PM  
To: [annmarie\\_lauritsen@fws.gov](mailto:annmarie_lauritsen@fws.gov); 'Jennifer Schultz - NOAA Federal'  
Subject: RE: green sea turtles

Ann Marie and Jenny,

I will post the Key West and Corpus INRMPs, as well as the Mayport light

assessment, to AMRDEC.

The Gulfport INRMP actually pertains exclusively to the property at the Stennis Western Maneuver Area and has no beachfront property, so I am withdrawing that property from the list and will not include its INRMP in the download package.

The small property at Dania Beach does not have an INRMP. The plan there will be to request a CH obviation based on National Security. I think either our region or Navy HQ will prepare a formal letter to address all the national security concerns. There are also a few navigational channels in the SE that are vital to Navy operations, so they would be included in that as well.

As far as your question about Pensacola, the NAS Pensacola energy design guide states that all exterior lighting shall be low pressure sodium (full cutoff / shielded design) to accommodate environmental concerns of light trespass and sky glow. Parking lot and other exterior lighting shall not exceed IESNA 2004 power density standards (lighting levels of 10-20 lux or 1-2 foot-candles). All exterior lighting in direct sight of and within 500 feet of the shoreline shall be low pressure sodium (full cutoff / shielded design).

Pensacola and Mayport have both agreed with FWS that those Bases will expend all necessary efforts to mitigate their contributions to the glow by installing turtle friendly lighting and shielding other lights whenever feasible to do so. They have both been actively doing this for the past several years.

I will try to get you the link to the NAS Pensacola energy design guide.

Jered  
904-542-6308

—Original Message—

From: AnnMarie Lauritsen [mailto:[annmarie\\_lauritsen@fws.gov](mailto:annmarie_lauritsen@fws.gov)]  
Sent: Thursday, August 18, 2016 11:27 AM  
To: Jackson, Jered CIV NAVFAC SE  
Cc: [Jennifer.Schultz@noaa.gov](mailto:Jennifer.Schultz@noaa.gov)  
Subject: [Non-DoD Source] RE: green sea turtles

Hello Jered,

I am in the process of reviewing the INRMPs but I must not have downloaded all of them as I am still missing Dania Beach, Key West, Gulfport, and Corpus Christi from the list you provided below. I apologize for the inconvenience but can you send those INRMPs to me?

Also in the Mayport INRMP it refers to "Light Management to Benefit Sea Turtles". Is there an internal document that describes this light management? Or is there a Light Management Plan that you can send to me?

Also, in the Pensacola Complex INRMP, it includes the following condition on minimizing sea turtle lighting " Work with adjacent land-owning agencies (e.g., Gulf Islands National Seashore) to minimize impacts to nesting and hatchling sea turtles caused by outdoor lighting at the NASP Complex"

Is there also an internal document that describes how the lighting is minimized to not be visible from GINS? Is there a Light Management Plan available that you can send?

Thank you for your help!

Ann Marie

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Ann Marie Lauritsen  
SE Sea Turtle Coordinator  
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600 4th Street South  
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[www.fws.gov/northflorida](http://www.fws.gov/northflorida)

—Original Message—

From: Jackson, Jered CIV NAVFAC SE [mailto:[jered.jackson@navy.mil](mailto:jered.jackson@navy.mil)]  
Sent: Monday, August 15, 2016 10:33 AM  
To: [jennifer.schultz@noaa.gov](mailto:jennifer.schultz@noaa.gov); [annmarie\\_lauritsen@fws.gov](mailto:annmarie_lauritsen@fws.gov)  
Subject: green sea turtles

Ms. Schultz and Ms. Lauritsen,

I track the Federal Register notices for all the Navy installations in Navy Region Southeast and saw that you were the two POC's for the recent Final Rule for green sea turtle DPS's. The FR notice stated that Critical Habitat would be proposed in a future rulemaking, so I wanted to make sure you have my contact information in case you have questions about the INRMPs and sea turtle management strategies at the various Navy properties across the Southeast (i.e., Kings Bay, GA; Mayport, FL; Dania Beach, FL; Key West, FL; Panama City, FL; Pensacola, FL; Gulfport, FL; and Corpus Christi, TX).

Please don't hesitate to call or e-mail as questions arise.

Thank you,  
Jered

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