

Directions for Disorientation Report Form

1.

Permit Holder Initials	Year	Month	Day	Dis. #	by Day	County Code					

Boxes should be filled using **Primary Permit Holder's Initials**, year, month, day (of the disorientation event), the disorientation # of that day, and the County Code.

The disorientation # of that day is determined by the number of events that occur in one day within the **county** under that **permit holder**. Permit holders that span across counties should number reports based on the # of events that occurred that day within a specific county.

The county codes are listed below:

Bay = BAY	Franklin = FRK	Okaloosa = OKA
Brevard = BVD	Gulf = GLF	Palm Beach = PBC
Broward = BRO	Hillsborough = HLB	Pinellas = PIN
Charlotte = CHA	Indian River = IRC	Santa Rosa = STR
Collier = COL	Lee = LEE	Sarasota = SAR
Dade = DAD	Manatee = MTE	St. Johns = STJ
Duval = DUV	Martin = MAR	St. Lucie = STL
Escambia = ESC	Monroe = MON	Volusia = VOL
Flagler = FLG	Nassau = NAS	Walton = WAL

2. **Marine Turtle Permit #:** Turtle Permit # observer is conducting activities under. Marine turtle permit number should be three digits unless it is a state park (state parks use 147- and the two digit state park sub-permit number).
3. **Date of Incident:** Month, Day and Year disorientation occurred (MM/DD/YY).
4. **Observer's Name:** Name of individual recording the event.
5. **Telephone (include area code):** Phone number of individual recording the event (555-555-5555).
6. **E-mail address:** E-mail address of individual recording the event.
7. **Location of Disorientation Event: (address of source, beach name and/or nearest landmark):**
This field is used to best describe the location of the disoriented nest. Please use the street address that best corresponds to the location of the nest or use the best description of where the nest is located using beach names, and/or nearby landmarks.
8. **City:** Identify City where disorientation took place.
9. **County:** Identify County where disorientation took place.
10. **Local nest ID#:** Report local # used for nest identification.
11. **Zone nest was located in:** Report the local zone where the disorientation took place.
12. **GPS Coordinates of nest location: Latitude _____ Longitude _____**
This field is used to obtain the latitude and longitude of the nest. The information may not be available to all observers. If available, GPS coordinates should be reported in WGS projection in decimal degrees. WGS is the commonly used projection on most GPS devices. Please specify on the form if you are unable to use a WGS projection. GPS devices may be set to report in decimal degrees

(38.8898341, -77.0088651). Please specify if you are unable to report in decimal degrees, and report the GPS coordinates as they appear on your GPS with all specified symbols.

13. **Species: (check one)** Cc = **Loggerhead** Cm = **Green** Dc = **Leatherback**
 Un = **Unidentified** O = **Other.**

Check the box that corresponds to the species involved in the event. “Unidentified” should only be marked if the individual recording was not able to determine what species was involved. Every effort should be made to identify the species and “unidentified” should only be used when all efforts to identify the species have been inconclusive. “Other” should be marked for Hawksbill and Kemp’s Ridley, with the species indicated in the space provided.

14. **Type of Event: (check one)** **Adult – Nesting Emergence** **Adult – False Crawl**
 Hatchling

Check the box corresponding to the turtle(s)’ appropriate age/class. “Adult - Nesting Emergence” should be checked for adult disorientations that resulted in a nest, while “Adult - False Crawl” should be checked for non-nesting emergences involving a disoriented adult. “Hatchling” should be indicated for any disorientation event involving hatchlings.

15. **Nest Treatment: (check all used)** **Restraining Cage** **Self-releasing Screen/Cage**
 Light Barrier (i.e., silt screen)* **Relocated**

Check the boxes corresponding to the treatments applied to the nest. Please check all that apply. “Restraining Cage” should be indicated for all types of restraining devices which prevent hatchlings from dispersing the immediate area without human intervention. “Self-releasing Screen/Cage*” should be indicated for all types of self-releasing tools used for predator protection (cages; screens; flat screens, etc.). “Light Barrier” should be indicated any time a light blocking device is employed. This includes but is not limited to silt screen, umbrellas, trenches, human barriers, etc. “Relocated” should be indicated any time the nest involved in the disorientation event was relocated from its original location prior to the disorientation event in accordance with all FWC Guidelines.

*Must be specifically authorized by FWC.

16. **Incident was documented during: (check one)** **Morning Survey** **Night Survey** **Daytime**

Check the box corresponding to the time of day the disorientation event was observed and documented. “Morning Survey” should be indicated if the disorientation was documented during the daily morning nesting survey. “Night Survey” should be indicated when the disorientation was documented from sunset to sunrise. The discovery of the disorientation event may be associated with a nighttime nesting survey, lighting survey, or in response to an emergency call. “Daytime” should be indicated if the disorientation is documented at any point during daylight hours, but is not associated with the daily morning nesting survey. The discovery of daytime disorientations is typically associated with an emergency call.

17. **Was the incident photographed?** **YES** **NO**

Check the box indicating whether or not the incident was photographed. If the incident was photographed we would appreciate a copy of photos taken. Please label any photographs of disorientation events with the disorientation ID (information listed in the string of boxes located in the top right corner of the Disorientation Report).

18. **Was the source nest found?** **YES** **NO**

Check the box corresponding to whether or not the nest site hatchlings emerged from was located. This question applies only to hatchling disorientation events.

19. Was the nest excavated? YES NO

If yes, provide date of excavation:

Check the box corresponding to whether or not the nest was excavated. If the nest was excavated please provide that date (MM/DD/YY) on which the excavation took place. Please note: per the FWC Sea Turtle Conservation Guidelines nests may not be excavated early due to disorientation events.

20.	Number of turtles disoriented:	Disoriented turtles reaching the water:
	<input type="checkbox"/> 1	<input type="checkbox"/> All
	<input type="checkbox"/> 2-10	<input type="checkbox"/> Some
	<input type="checkbox"/> 11-50	<input type="checkbox"/> None
	<input type="checkbox"/> >50	<input type="checkbox"/> Not investigated
Were any disoriented turtles found dead? <input type="checkbox"/> YES <input type="checkbox"/> NO		
<i>If "YES" indicate the number</i>		

This table is in reference to **DISORIENTED TURTLES ONLY** (The numbers should never include turtles that were not astray from "normal" orientation associated with nesting or hatching patterns).

Number of turtles disoriented: 1 2-10 11-50 >50

Check the box that corresponds to the number of turtles that were observed as disoriented. This number should be based on visual evidence in the sand (tracks). This number should not be determined by conducting a hatch success evaluation. The box for "1" should only be used for adult disorientation events; events involving only one hatchling do not need to be reported.

Disoriented turtles reaching the water: All Some None Not Investigated

Check the box that corresponds to the number of **disoriented** turtles in the event that reached the water, with or without human intervention. "All" should be indicated if all disoriented turtles reached the water. "Some" should be indicated if a portion of the disoriented turtles reached the water. "None" should be indicated if none of the disoriented turtles reached the water. "Not investigated" should be indicated if the observer did not attempt to determine if any of the disoriented hatchlings reached the water.

Were any disoriented turtles found dead? YES NO

If "YES" indicate the number: _____

Check the box corresponding to whether or not disoriented turtles were found dead. If disoriented turtles were found dead, indicate the number of turtles that were found. This number should not include hatchlings that never left the nest (pipped dead or dead in nest).

21. **Address/landmark hatchlings disoriented towards:**

This field is used to determine the area, location, or direction the turtle(s) were orienting towards. Please use the street address that best corresponds to the location of the disoriented turtle(s) were traveling towards or use the best description of where the disoriented turtle(s) were located using beach names and/or nearby landmarks.

22. In the Sketch box please record the disorientation evidence, include nest site, turtle tracks, compass directions, distances and relevant structures, such as buildings.

23. **Were probable/possible light source(s) identified?** YES NO

If “NO” indicate why: (check one) No lights present Too many lights Other:

Check the box that corresponds to whether the individual documenting the disorientation event was able to determine whether there was a probable/possible light source that was involved in the disorientation. Lights **do not** need to be illuminated at the time the disorientation event is being documented in order to have potentially contributed to an event. Please use your best judgment based on the turtle tracks and the lighting present in the area to make this determination. “No lights present” should be indicated if there are no light sources observed in the area. “Too many lights” should be indicated if there are such a large number of light sources in the area that it is impossible to determine which lights actually may have contributed to the light source. This may also be indicated if hatchlings traveled in multiple directions in the presence of numerous lights sources. “Other” should be indicated if light sources were not able to be identified but the reason does not correspond with either of the other categories. If “other” is selected, describe why light sources were not able to be identified.

24. Indicate categories of light(s) identified as probable/possible lighting sources: (check all that apply)

- | | | | | | |
|----------------|--------------------------|-------------------------------|--------------------------|------------------------|--------------------------|
| parking lot | <input type="checkbox"/> | street light | <input type="checkbox"/> | condominium (interior) | <input type="checkbox"/> |
| dune crossover | <input type="checkbox"/> | single family home (interior) | <input type="checkbox"/> | condominium (exterior) | <input type="checkbox"/> |
| restaurant/bar | <input type="checkbox"/> | single family home (exterior) | <input type="checkbox"/> | sky glow/urban glow | <input type="checkbox"/> |
| pier | <input type="checkbox"/> | sign | <input type="checkbox"/> | other: | _____ |

This section is used to indicate lights that **may have** contributed to the disorientation event. There may be multiple sources checked, especially if the observer finds that there are “too many lights present to determine.” If the light source is not described as above please describe the light source under other. The observer does not have to be doing a night survey to describe lights that may have contributed to the disorientation event. If unshielded lights are recognizable in daylight conditions the observer may check the corresponding light source(s). This information is useful for follow-up purposes for code enforcement, but is not the deciding factor in violation notices.

25. Additional comments (use back if necessary):

The comments section is an opportunity for the observer to describe the disorientation event or any other information that may be pertinent. Especially useful is information regarding light sources, direction turtles may have traveled, locations that live/dead turtles were found, and other circumstances that may have contributed to disorientation (lawn/beach furniture, domestic animals, people, etc.).

26. Local authority provided a copy of this report? City County FWC Other:

Check the corresponding box to indicate what local the authority/authorities were provided a copy of the report. Copies of reports should be forwarded to FWC and the local authorities. Copies of reports and questions regarding disorientations may be emailed to SeaTurtleLighting@MyFWC.com. **Remember lighting violations are not enforced by FWC, local authorities must be contacted about lighting problems for ordinances to be enforced.** The following website may be used as a reference for contact information: <http://myfwc.com/conservation/you-conserve/lighting/ordinances/>.

27. Signature of Observer

The observer should sign the form.

You may digitally sign the form using the following steps:

1. Click on the signature box.
2. If you have an existing digital ID already stored on your computer, select that option and select “next”.
 - a. Identify the location of your signature file (insert name or locate using the “browse” option).

3. If you do not have an existing digital ID already stored on your computer, select “a new digital ID I want to create now” and select “next”
 - a. Select whichever storage option you prefer, then select “next”
 - b. Enter the requested information, then select “next”.
 - c. Enter additional information for ACSII, if you wish, then select “next”.
 - d. Verify the location that your signature will be stored or select a new location.
 - e. Enter & confirm your password, then select “finish”.
4. A pop-up window titled “Sign Document” should appear. Enter your password, then select “sign”.
5. A pop-up window will appear asking you to save the file. Choose a name and location and save the file.
6. Your signature should appear in the signature box.
7. If you experience any problems, please ensure that your Adobe program is up to date.

28. Date

The observer should date the form (MM/DD/YY).

****Remember that each disorientation event requires a separate report. If hatchlings emerge from the same nest over multiple days and disorient, a report should be completed and submitted for each day. If disorientations occur from separate nests a report should be made for each nest.****