



U. S. COAST GUARD AUXILIARY SEVENTH DISTRICT



REPORTING FEDERAL AID TO NAVIGATION DISCREPANCIES in SECTOR ST PETERSBURG



This manual is not intended to, nor does it impose legally binding requirements on any party. The sole intent is to provide guidance to Auxiliarists engaged in Aid verification to provide accurate and actionable reports to the Coast Guard.

U.S.C.G. AUXILIARY SEVENTH DISTRICT NAVIGATION SYSTEMS

D7NS 4000.1

September 10, 2024

REPORTING
FEDERAL AID TO NAVIGATION DISCREPANCIES
in
SECTOR ST PETERSBURG

INTRO: Any Auxiliarist may report a discrepancy of Federal Aid to Navigation.

SCOPE: This procedure describes the requirements for reporting **Federal Aid discrepancies only**. It applies to all Auxiliarists, including Aid Verifiers.

The Auxiliary does not have the training, equipment, or information to verify Federal Aids, meaning to certify that an Aid is Watching Properly.

The Auxiliary may be tasked with checking Federal Aids, particularly after a hurricane. Auxiliary patrols to check Federal Aids are conducted only when specifically ordered and a Patrol Order has been issued by the Coast Guard OIA. When conducting a Federal Aid check under orders, follow the instructions of the OIA or refer to *D7NS 4002 Post-Hurricane Surveys of Federal Channels*.

This procedure does **not** apply to reporting discrepancies of Private Aids.

HOW TO REPORT A DISCREPANCY OF A FEDERAL AID

- 1.** Determine the discrepancy. (Appendix A)
- 2.** Take a photograph of the aid that clearly shows the discrepancy. Retain this photograph in case ANT (Aids to Navigation Team) St Petersburg wants to contact you.
- 3.** Identify the Aid (Appendix B):
 1. The Light List Number (LLNR).
 2. The full name of the Aid in the Light List.
 3. Is it Federal or Private? This procedure is for Federal Aids only.
 4. Ensure that the Aid is not already in the LNM (Local Notice to Mariners.) There is no need to report a discrepancy that is already in the LNM.
- 4.** Confirm the ATON is in Sector St Petersburg. (Appendix C).
- 5.** Phone Sector Operations:
 - **Sector St Petersburg Operations: 727-824-7506**

Reporting Federal Aid Discrepancies – Sector St Petersburg

1. Identify yourself as an Auxiliarist and give your name and, if asked, phone number.
 2. Advise that you want to report a discrepancy of a Federal Aid to Navigation.
 3. Provide:
 - a. The Light List Number (LLNR).
 - b. The name of the Aid from the Light List.
 - c. The nature of the discrepancy.
 4. If Sector asks for photographs or you have wish to submit photographs, they will provide you with an email address. If no email is provided, you can use cgsp@uscg.mil.
- 6.** Follow up:
1. Send an email to the ADSO-NS SSP ahooperaux@gmail.com, providing the same information you gave to Sector Operations.
 2. Do **NOT** send Form 7054 to ANT. Do not send written reports on Federal Aids to any Coast Guard unit unless specifically directed to do so by the Coast Guard.
 3. Certified Aid Verifiers may submit Federal Aid discrepancy reports on Form 7054 up the Auxiliary NS chain (FSO/SO/ADSO). 7054 reports may be submitted using AV Assistant or the pdf version of Form 7054 accompanied by relevant photographs.

APPENDIX A – FEDERAL AID TO NAVIGATION DISCREPANCIES

FEDERAL AID TO NAVIGATION DISCREPANCIES					
	BUOY	FIXED	DAYMARK	LIGHT	SOUND
LOCATION	OFF STATION	NOT IN AP			
	MISSING	DESTROYED			
	ADRIFT				
	SINKING				
	NOT MARKING BEST WATER	NOT MARKING BEST WATER			
	DISCONTINUED	DISCONTINUED			
CONDITION			MISSING	MISSING	MISSING
	DAMAGED	DAMAGED	DELAMINATED	DAMAGED	DAMAGED
		LEANING > 15°			
			DEFACED		
			NOT REFLECTIVE	EXTINGUISHED	INOPERATIVE
			OBSCURED	OBSCURED	
			FADED - NOT READABLE	DIM	
COLOR SHAPE PATTERN SOUND	IMP CHAR		IMP CHAR	IMP CHAR	IMP CHAR

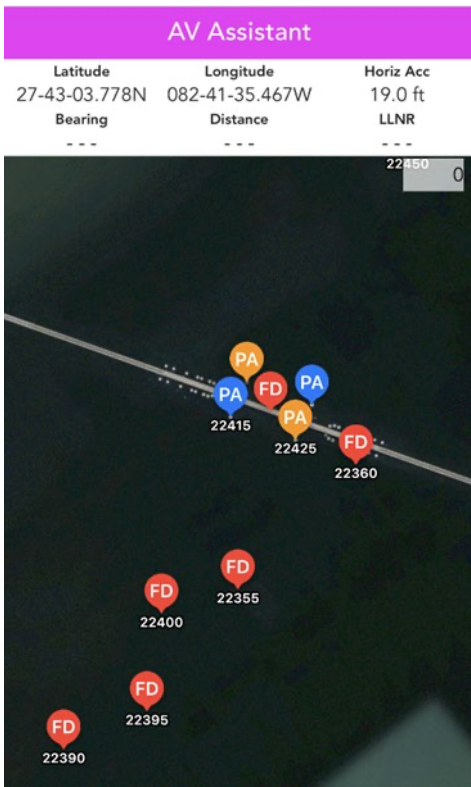
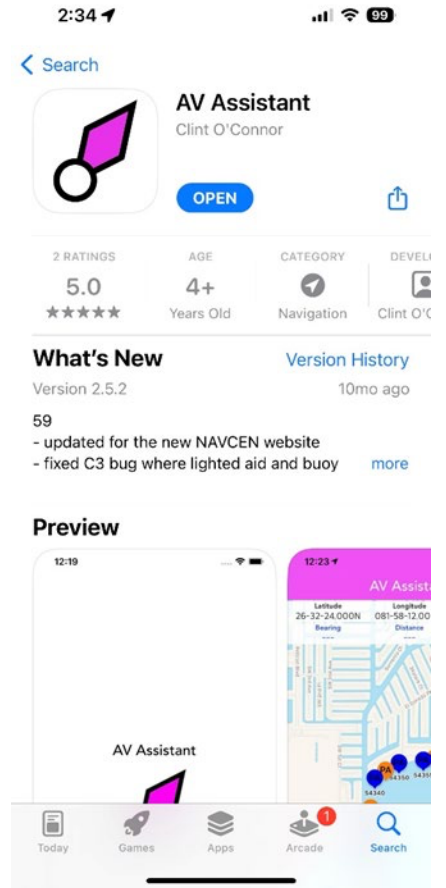
Location Discrepancies for Federal Aids:

1. Off Station: The Auxiliary is not equipped to accurately measure Federal buoy positions and make this determination. Only report buoys that have moved away from a channel margin and are in shallow water such that they could cause a vessel to ground.
2. Not in AP The Auxiliary is not equipped to accurately measure Federal beacon positions and make this determination. Only report beacons that do not mark the channel margin and are in shallow water such that they could cause a vessel to ground.

APPENDIX B: IDENTIFYING THE AID TO NAVIGATION

A. Use the AV Assistant App

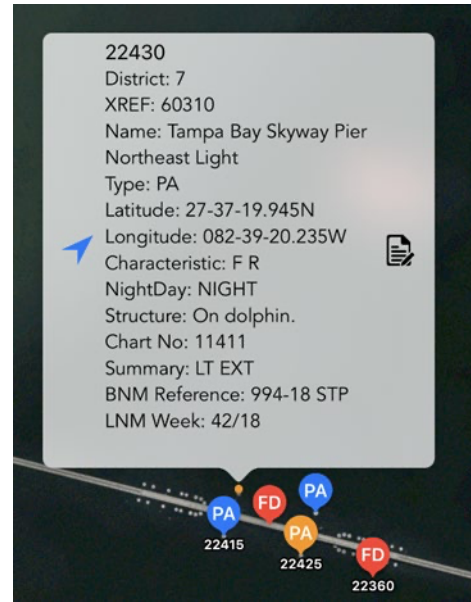
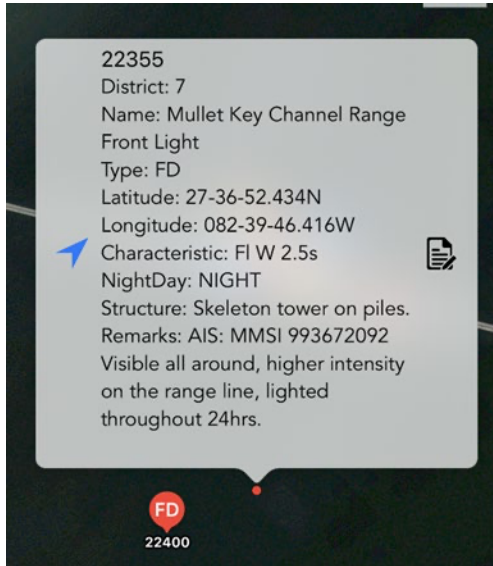
1. Current versions of this app are available for iOS devices in the Apple App Store.
2. The current light list and LNM data must load each time the app is opened, and this requires an internet connection by cell data or other means.
3. The app will show you Aids in the vicinity of your location.



- Federal Aids with no reported discrepancies are **RED** and labelled “**FD**”
- Federal Aids on the current LNM (reported discrepant are **ORANGE** and labelled “**FD**”
- Private Aids with no reported discrepancies are **BLUE** and labelled “**PA**”
- Private Aids on the current LNM are **ORANGE** and labelled “**PA**”

Tapping on any Aid generates a popup window with the information from the current Light List and LNM.

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LLNR 25485 below is a discrepant Federal Aid. The popup box therefore includes the following information:

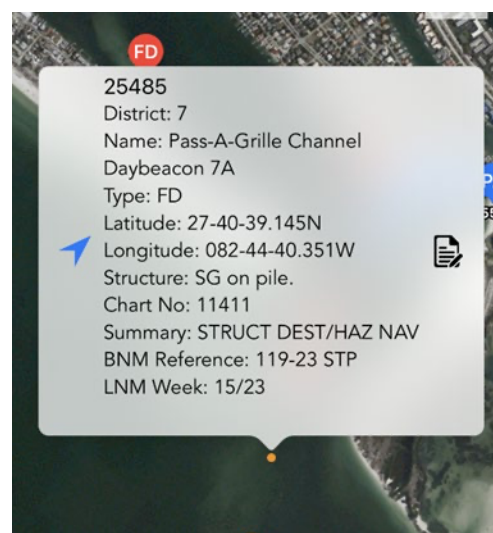
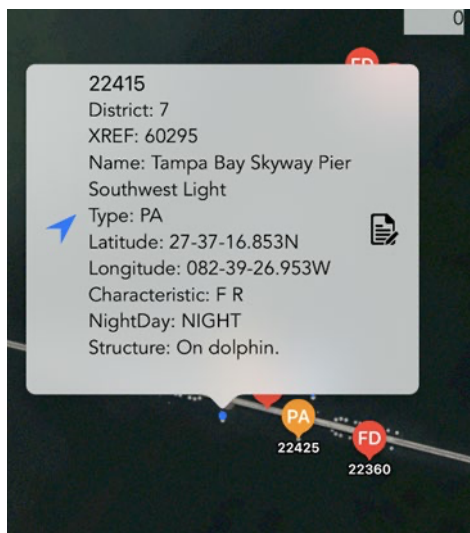
Summary: STRUCT DEST/HAZ NAV
(Structure Destroyed – Hazard to Navigation)

BNM Reference 119-23 STP

(Broadcast Notice to Mariners #119 of 2023,
Sector St Petersburg)

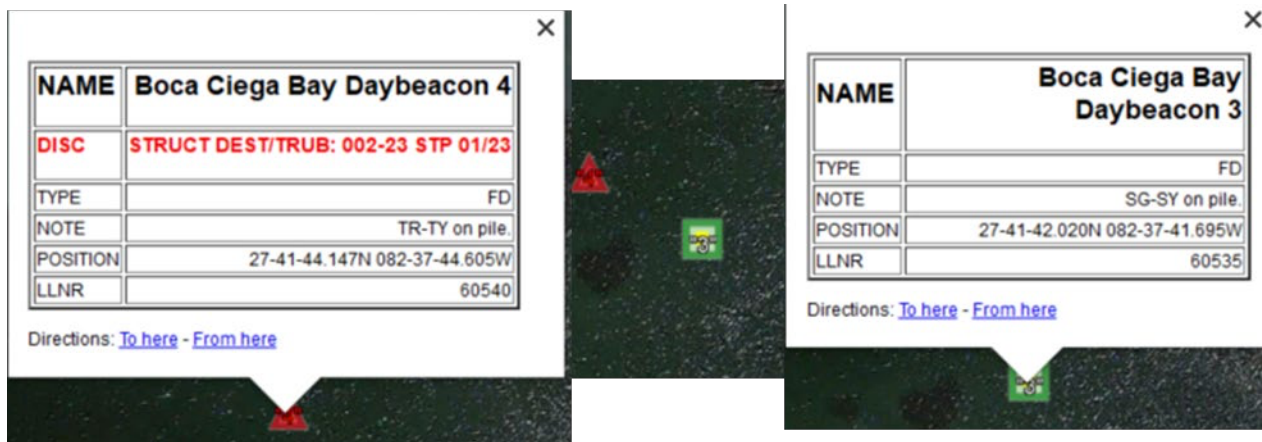
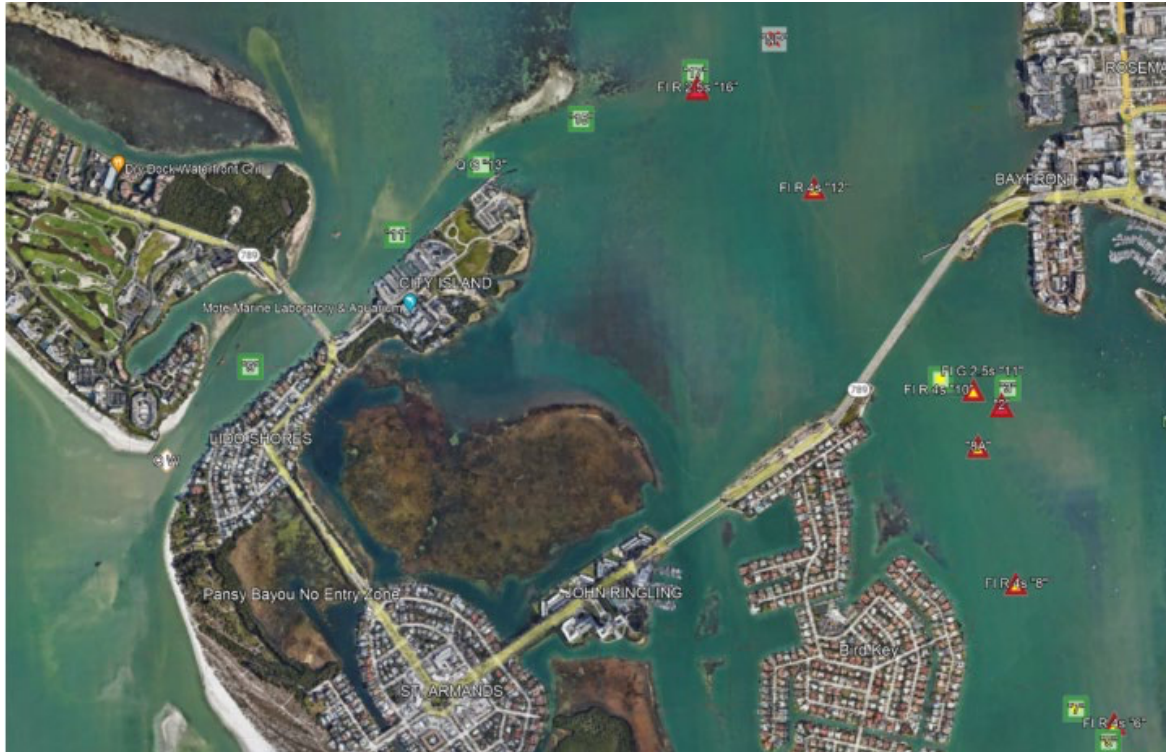
LNM Week: 15/23

(Local Notice to Mariners week 15 of 2023)



B. Look up the Aid in Google Earth with the D07 kmz file.

1. Every week, a kmz file with the Light List and LNM data for District 7 is updated.
This is at: <https://lightlist.cgauxiliary.org/kmz/D07.kmz>
2. The kmz file will open in the Google Earth app on your computer or mobile device.



3. Clicking on an Aid creates a pop-up with this information:

- a) NAME The name from the Light List
- b) DISC If the Aid is in the LNM, the discrepancy is in RED.

- c) TYPE FD (Federal) or PA (Private).
- d) NOTE The Aid structure.
- e) POSITION The Light List Assigned Position (AP).
- f) LLNR The Light List Number (LLNR).

C. Use the Light List and Local Notice to Mariners (LNM)
USCG Navigation Center (NAVCEN)

1. USING THE LIGHT LIST

- a) The Light List contains the essential information on every Aid to Navigation in the United States, grouped by Coast Guard District.
- b) The Light List updates weekly.
- c) Download the weekly update in pdf format at <https://www.navcen.uscg.gov/weekly-light-lists>
- d) You can subscribe to the updates of the Light List and LNM.
- e) The Light List Number (LLNR) is in the first column titled “(1) No.” In the example below, the LLNR is 18045.
- f) The name of the Aid is in the second column titled “(2) Name and Location.”
 - i. When there is a dash at the beginning of the name, that means the full name of the Aid is the bold print channel name *plus* the name after the dash. The full name of LLNR 18045 is “Punta Rassa Boat Ramp Channel Daybeacon 2.”

Light List corrected through LNM week:				
(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height
FLORIDA - Seventh District				
FORT MYERS TO CHARLOTTE HARBOR AND WIGGINS PASS (Chart 11427)				
San Carlos Bay				
Punta Rassa Boat Ramp Channel				
18045	- Daybeacon 2	26-29-03.225N 082-00-44.721W		
18050	- Daybeacon 3	26-29-05.100N 082-00-42.100W		

- ii. Be certain of which Aid you are observing. Check your GPS position versus the Light List position to verify the identity of the channel.

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- iii. Use the official name of the channel – not a local or assumed name.
- g) Determine if the Aid is Federal or Private. The Light List identifies Private Aids in the Remarks column.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
FLORIDA - Seventh District							
FORT MYERS TO CHARLOTTE HARBOR AND WIGGINS PASS (Chart 11427)							
San Carlos Bay							
Port Sanibel Marina Channel							
18069.5	Port Sanibel Marina Daybeacon 30	26-29-27.200N 081-59-38.000W				TR on pile.	Private aid.
18069.6	Port Sanibel Marina Daybeacon 32	26-29-25.500N 081-59-33.800W				TR on pile.	Private aid.
18069.7	Port Sanibel Marina Daybeacon 33	26-29-25.200N 081-59-29.000W				SG on pile.	Private aid.
18069.8	Port Sanibel Marina Daybeacon 34	26-29-24.400N 081-59-28.000W				TR on pile.	Private aid.
18069.9	Port Sanibel Marina Daybeacon 35	26-29-26.200N 081-59-27.000W				SG on pile.	Private aid.
18069.93	Port Sanibel Marina Daybeacon 36	26-29-33.500N 081-59-25.000W				TR on pile.	Private aid.
18069.95	Port Sanibel Marina Daybeacon 38	26-29-23.200N 081-59-22.600W				TR on pile.	Private aid.
18069.97	Port Sanibel Marina Daybeacon 40	26-29-22.600N 081-59-21.400W				TR on pile.	Private aid.
18069.98	Port Sanibel Marina Daybeacon 42	26-29-21.800N 081-59-21.400W				TR on pile.	Private aid.
San Carlos Bay							
18070	- LIGHT 13	26-30-02.149N 082-00-51.849W	Fl G 4s	16	5	SG on pile.	
18075	- LIGHT 14	26-30-25.990N 082-00-57.039W	Fl R 4s	16	5	TR on pile.	
18080	- Daybeacon 15	26-30-25.318N 082-01-05.401W				SG on pile.	

PRIVATE AIDS

FEDERAL AIDS

2. USING THE LOCAL NOTICES TO MARINERS (LNM)

- 1. Using the Local Notices to Mariners
 - a) The LNM contains much essential information on Aids to Navigation the essential information on every Aid to Navigation in the United States. It is organized by Coast Guard District. Among the information is a list of all Aid to Navigation discrepancies reported as of the date of issue.
 - b) The LNM is updated weekly. You can subscribe to the updates.
 - c) Download the weekly update in pdf format at <https://navcen.uscg.gov/local-notice-mariners>

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SECTION II - DISCREPANCIES

This section lists all reported and corrected discrepancies related to Aids to Navigation in this edition. A discrepancy is a change in the status of an aid to navigation that differs from what is published or charted.

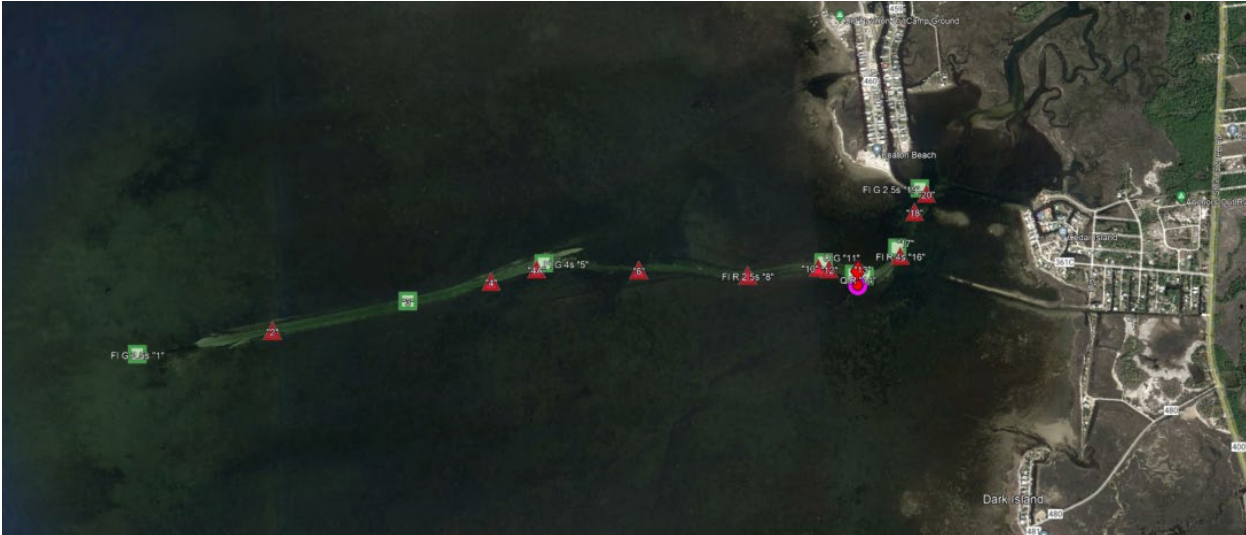
DISCREPANCIES (FEDERAL AIDS)

<u>LLNR</u>	<u>Aid Name</u>	<u>Status</u>	<u>Chart No.</u>	<u>BNM Ref.</u>	<u>LNM St</u>	<u>LNM End</u>
200	Charleston Entrance Lighted Buoy C	RAC INOP	11528	043-22 CHA	06/22	
490	Doboy Sound Lighted Buoy D	MISSING	11502	317-22 CHA	49/22	
515	St. Simons Lighted Buoy STS	REDUCED INT	11502	232-22 CHA	36/22	
565	Amelia Island Light	LT IMCH	11503	054-23 JAX	12/23	

- d) Check if the Aid you are observing is in the LNM. Do not report an Aid listed as discrepant in the latest edition of the Local Notice to Mariners.

APPENDIX C: LIMITS OF SECTOR ST PETERSBURG

1. Northernmost Federal Aids in Sector St Petersburg



The northernmost Federal channel in Sector St Petersburg is Keaton Beach, LLNR 1675 and 30600 to 30688. LLNR 1675 Keaton Beach Light 1 is at 29-48-50.062N 083-37-49.000W.

2. Southernmost Federal Aids in Sector St Petersburg



Sector St Petersburg's southern boundary is Chokoloskee Pass. The southernmost Federal channels are Indian Key Pass (LLNR 15965 – 16060) / Chokoloskee Bay Channel (LLNR 16065 – 16100) / Barron River Channel (LLNR 16165 – 16230). LLNR 15965 Indian Key Pass Light IK is at 25-44-58.701N 081-29-54.321W