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# Shrimp cELB interim data collection process

Dave Gloeckner  
Fisheries Statistics Division  
Southeast Fisheries Science Center

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# Brief review of issue

1. cELB units ceased transmitting information to the National Marine Fisheries Service (NMFS) on December 31, 2020, and National Environmental Satellite Data and Information Service (NESDIS) in Stennis shut down the machine receiving the electronic logbook data from cELB units on December 7, 2020.
2. cELB units are still collecting data, just not transmitting.
3. Plan for 2021 is for the shrimp fishery to continue to use the cELB units and the data will be manually obtained by the Southeast Fisheries Science Center on SD cards.

# Interim steps to maintain data collection

## By May:

1. Develop instructions for fishermen to remove old SD and install new SD card.
2. Develop mailer for sending new card to fishermen, with return addressed mailer for the old card to go to Galveston Lab.
3. GSMFC will develop table on their Oracle server to load data from SD cards and develop scanning process to isolate virus infected cards.
4. NMFS IT staff will work with GSMFC developers to create the process to access data table at GSMFC, pull data to a NMFS server, and run conversion code to create usable data...and QC.

# Interim steps to maintain data collection

## **By May:**

5. We will send a letter before May explaining the process to fishermen, copying GMFMC, SSA, any other groups we identify.
6. Work with SERO to publish this info in a fisheries bulletin before May.

## **After May:**

7. Send packages by mid-May.
8. NMFS will forward SD cards from fishermen to GSMFC to be loaded to data tables.
9. After review of data we will identify bad units and make the decision to replace or not by the end of June.

# Interim steps to maintain data collection

## **After May:**

10. GSMFC will return batches of used chips to Galveston Lab for storage.

Process can be repeated in the fall as a replacement for the cELB data collection is developed through the GMFMC.