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**FISHERIES OCEANOGRAPHIC ANALYSIS FOR THE HARBOUR ISLAND AREA (LAT./LONG.)
UPDATED ON WEDNESDAY 29 JULY 2020 FOR WEDNESDAY P.M. & THURSDAY FISHING ONLY**

Based on a multiple factor analysis, the symbols (hot spot dots) mark the areas where bait concentrations are expected and where fishing action are expected to be better compared with other (non-marked) areas. These are not based on dock rumors or hearsay fishing reports. Fishing reports are stated as such. You should start fishing where you recognize other signs of good fishing conditions near these marked areas. It is very important to use your sea surface temperature (sst°) gauge to locate the boundaries of the water masses, which are outlined. Rather than trying to find water based on the absolute temperature values shown on the map, search for the relative change in sst where the water mass boundaries occur. Arrows indicate the main current direction. Numbers inside of the dots indicate the number of consecutive days that we have seen favorable conditions in that location. 1 fathom = approximately 6 feet. Afternoon SST is likely to be 1.0°F or greater than indicated by the morning calibration on this analysis. **NUMBERS IN PARENTHESIS AFTER LOCATIONS ARE NUMBER OF DAYS THAT SPOT HAS BEEN FAVORABLE.** Fathom Science SST and Ocean Color/Chlorophyll Forecasts now included on final two pages.

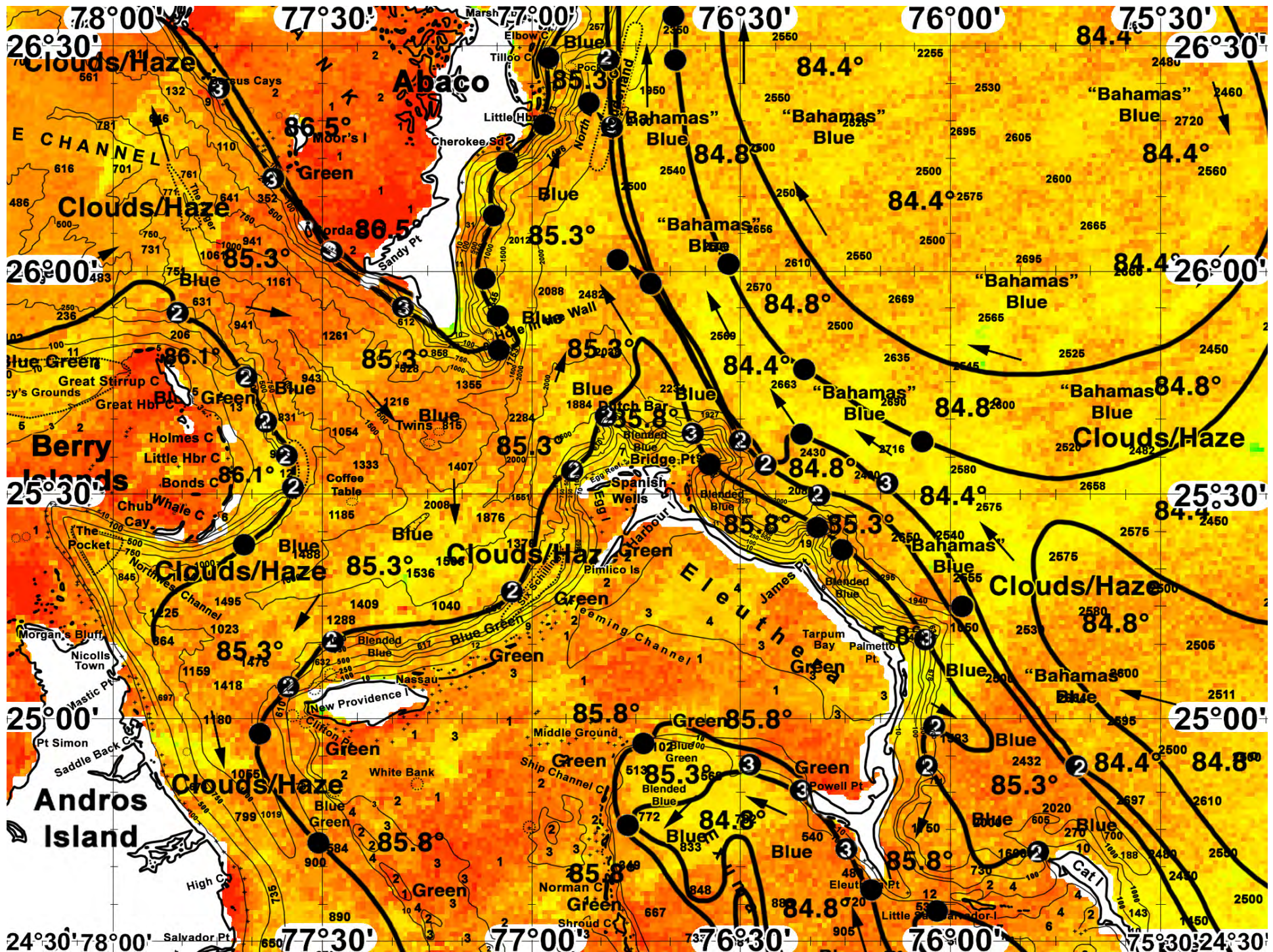
We were able to use today's infrared sst° and yesterday afternoon and today's MODIS/VIIRS/Sentinel ocean color/chlorophyll imagery for this analysis area to follow the oceanographic conditions for the past three days. Overall, we have observed a relatively large, clockwise rotating eddy formation east of Abaco centered over 2600-2700 fathom depths. This is pulling a filament of slightly cooler (84.4°F) Bahamas blue water just off of the Ledges of Eleuthera towards the Wonderland east of Abaco. Offshore of James Point northeast of Eleuthera, we have observed what may be a relatively small eddy developing over 2400 fathom depths moving north/northwest towards 2500 fathom depths as this cooler filament of 84.4°F water has been pushed further west, towards the 2000 fathom depths off of Bridge Point. We also anticipate these boundaries pushing northwest towards Abaco by tomorrow morning as well. Warmer (85.8°F) blue/blended blue water mass boundary conditions are moving northwards from off of Dutch Bar north of Eleuthera. We have also included an ocean color/chlorophyll composite image from yesterday afternoon and today so you can get a sense of where the bluer and greener water is located (email only, white=clouds).

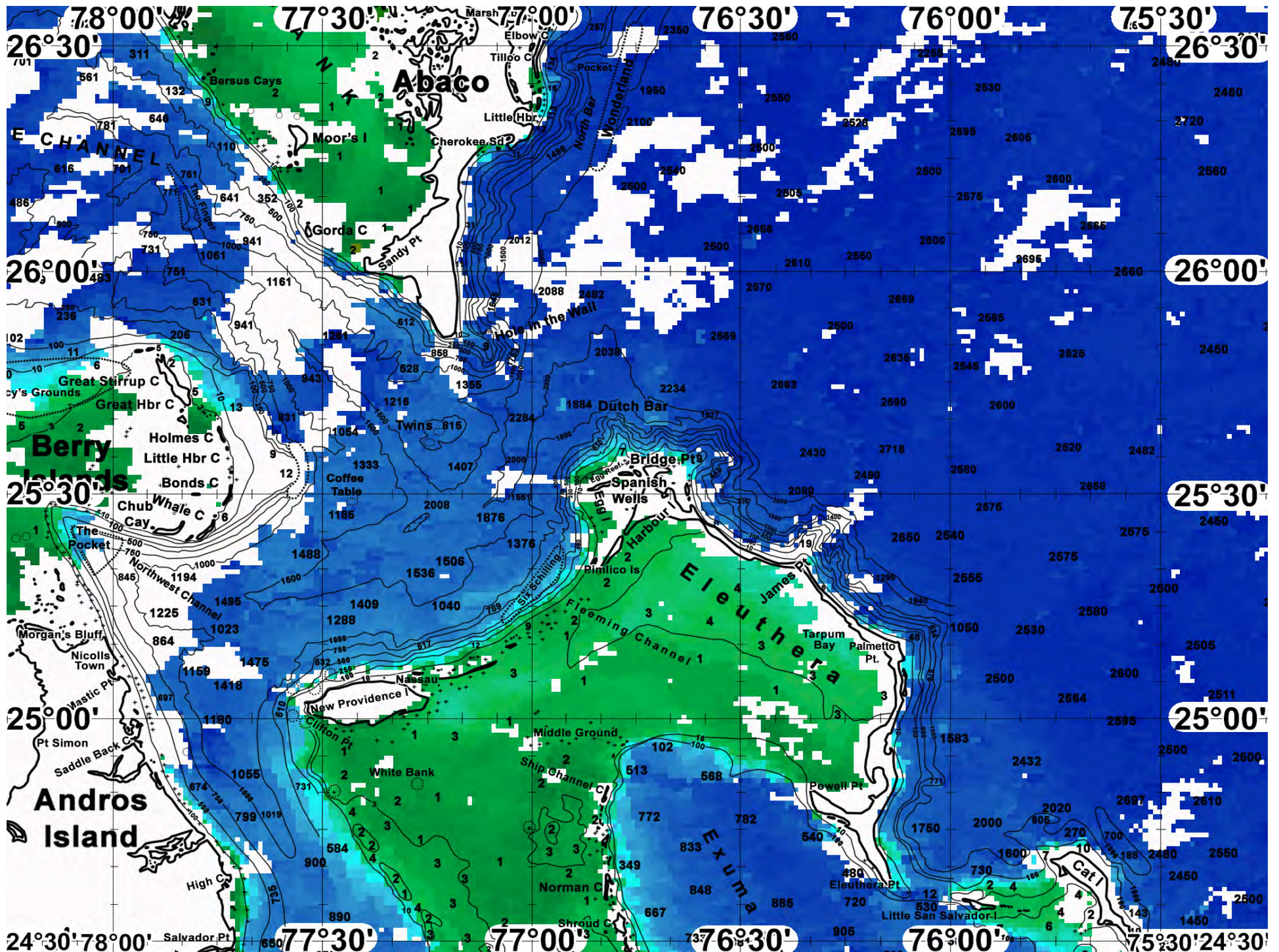
With this in mind, the better chances for marlin fishing action are likely to occur over the 1500-2000 fathom depths east of Bridge Pt. (near 76°30'W & 25°37'N (2) and 76°26'W & 25°34'N (2)) and the 2000 fathom depths north of James Pt. (near 76°20'W & 25°30'N (2)) where favorable (85.3°F-84.8/84.4°F) blue to Bahamas blue water mass boundary conditions have been observed for the past two days. These conditions suggest increased chances for fishing action to occur. Keep in mind, these boundaries may pull offshore, towards the 2400/2500 fathom depths (from near 76°10'W & 25°32'N (3) to 76°20'W & 25°37'N) by tomorrow morning as this smaller eddy/rotating feature moves northeast.

On your way offshore, keep a keen eye out for weedlines, birds, bait, and other signs of life as these are classic signs of water mass boundary conditions. Over the 1000-1500 fathom depths off of Bridge Pt. (near 76°37'W & 25°38'N (3) and south (near 76°35'W & 25°34'N) or off of James Pt. (near 76°20'W & 25°26'N and 76°15'W & 25°24'N) where favorable (85.8°F-85.3°F) blended blue/bluer water mass boundary conditions have been observed for one to three days. These conditions suggest additional good chances for fishing action to occur. Another option is to head west of the Dutch Bar to west of Egg Island (near 76°50'W & 25°40'N (2) and 76°55'W & 25°33'N (2)) where similar favorable water mass boundary conditions have been observed for two days, suggesting increased chances for fishing action to occur as well.

If you were interested in heading north of Eleuthera, work along the western edges of the eddy filament over 2500 fathom depths (from near 76°44'W & 25°58'N to 76°18'W & 26°20'N (2) and 76°20'W & 26°28'N (2)) where we have observed favorable (85.3°F-84.4°F) blue to Bahamas blue water mass boundary conditions for one to two days. Keep in mind, these boundaries may push west (from near 76°48'W & 26°02'N to 76°22'W & 26°22'N) by tomorrow morning. Along the 500-1000 fathom good bottom east of Abaco from the Hole in the Wall north (from near 77°05'W & 25°50'N and 77°07'W & 25°58'N to 76°58'W & 26°20'N and 76°58'W & 26°28'N) where warmer (86.1°F-85.3°F) blue water mass boundary conditions have been observed. These conditions suggest increased chances for fishing action to occur as well. Heading west of Abaco, we have observed good chances for fishing action over the 100-500 fathom good bottom (from near 77°18'W & 25°55'N (3) to 77°45'W & 26°25'N (3)) where warmer (86.5°F-85.3°F) green to bluer water mass boundary conditions have been observed for three days. Increased chances for fishing action have also been observed off of the Berry Islands (from near 77°35'W & 25°30'N (2) and 77°36'W & 25°35'N (2) to 77°40'W & 25°45'N (2) and 77°50'W & 25°55'N (2)) where favorable (86.1°F-85.3°F) blue green to bluer water mass boundary conditions have been observed for two days as well.

ROFFS™ SUMMER Hours: Mon – Fri. 9:00 am – 7:00 pm EDT (sometimes later based on demand) with analysis order deadline before 3pm. We are now open on Saturdays 9AM to 4PM (sometimes we close earlier based on demand) analysis order deadline is 10:00am on Saturday. *Thank you for not sharing this analysis with non-paying anglers.* Remember you can order and/or purchase your fishing analyses from our website (<http://www.roffs.com/>) or by email (fishing@roffs.com). Verbal updates are free while on the water between 10:30 AM and 11:59 AM (eastern time). **The ROFFS™ Graphic analysis is on the next page.**

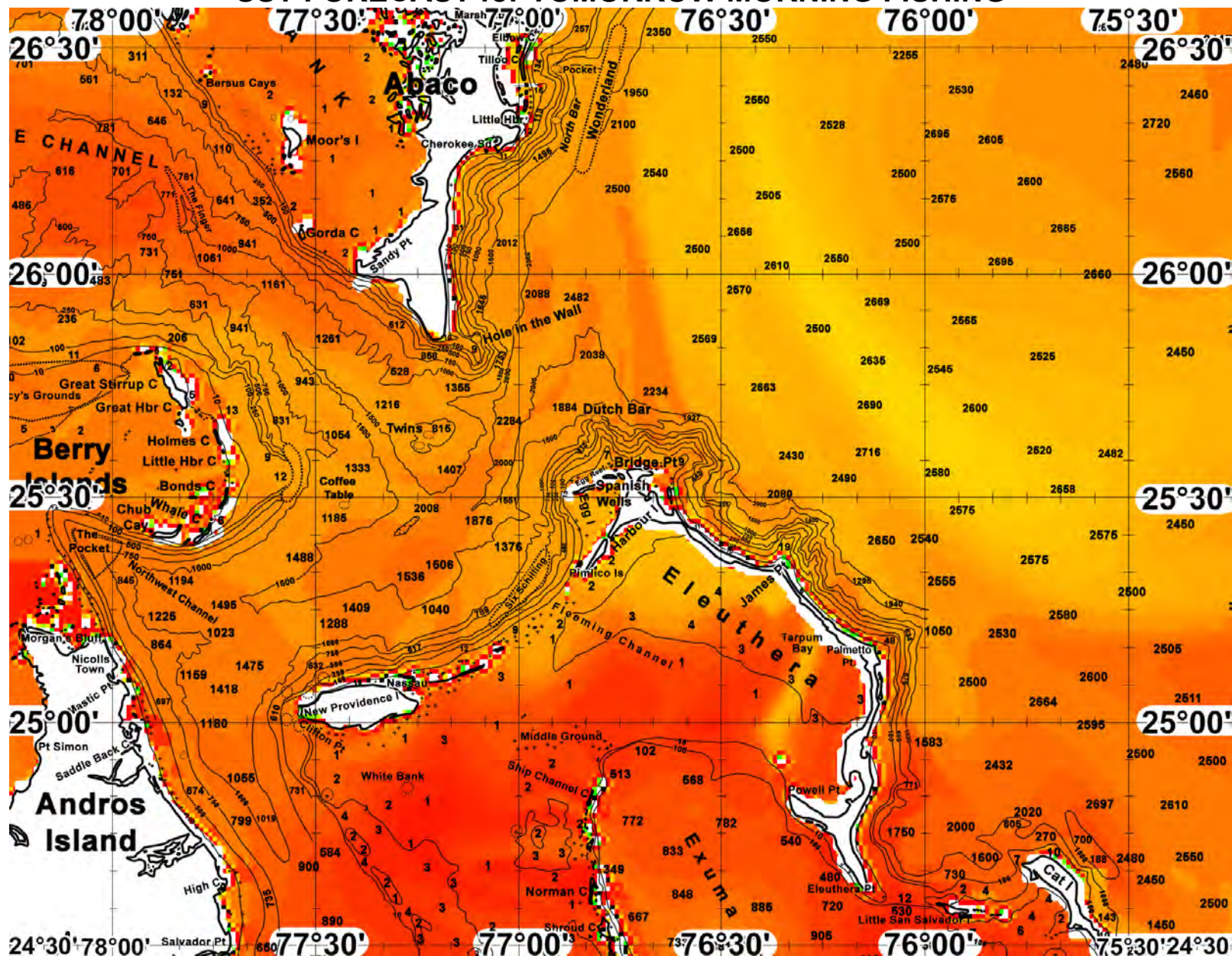






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