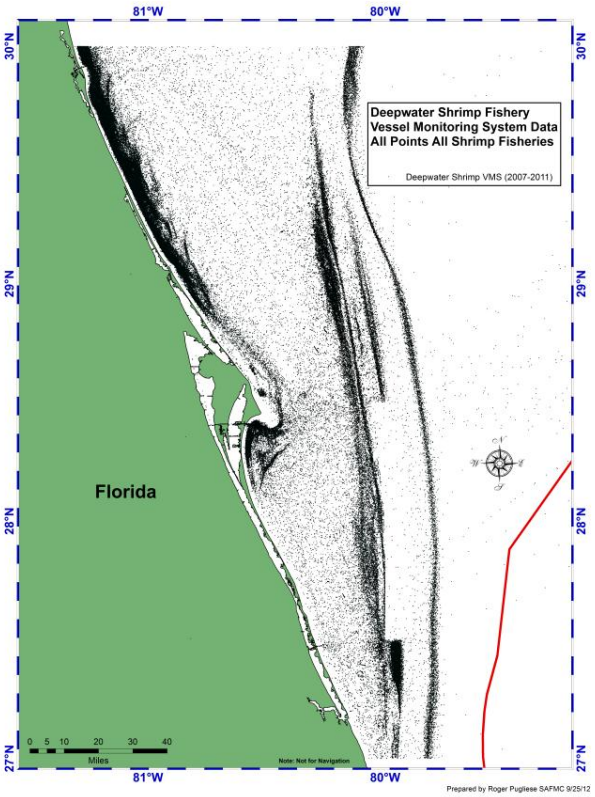


Figure A. Deepwater VMS points (2007-2011).

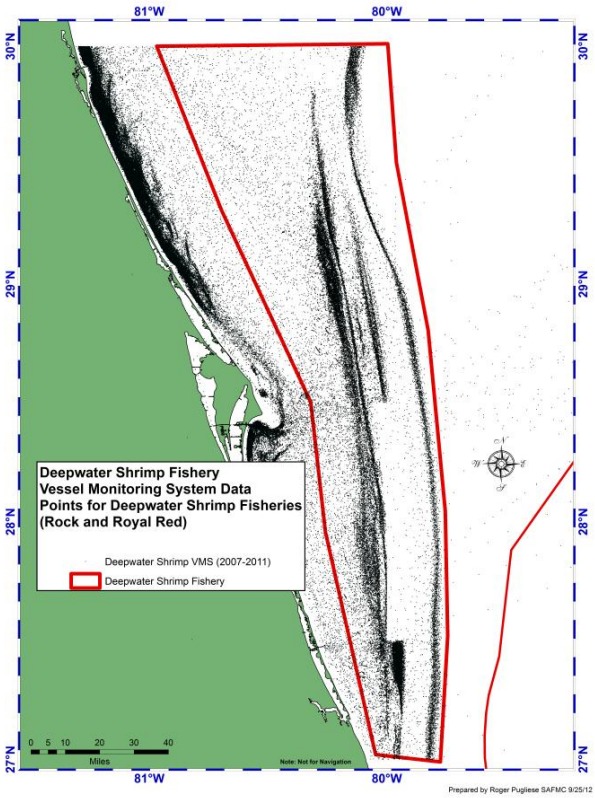


Figure B. Proxy footprint for deepwater shrimp fishery (both rock and royal red shrimp).

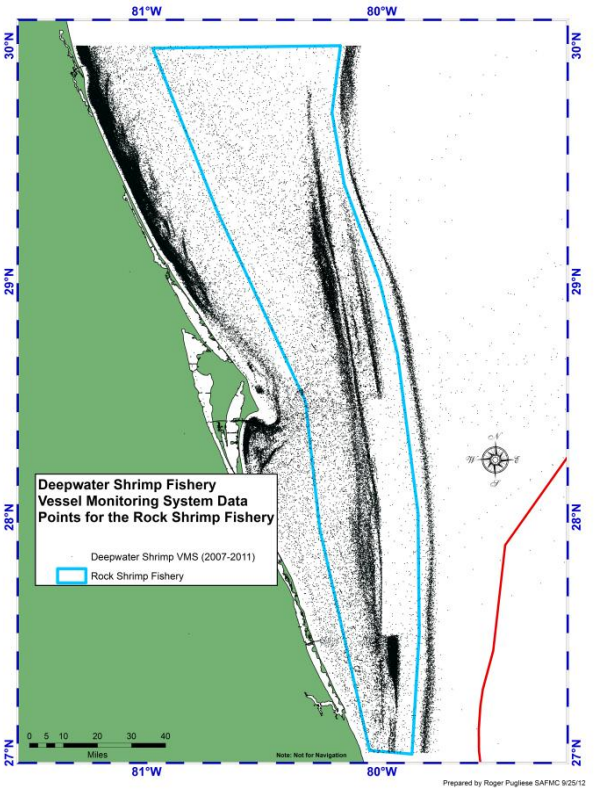


Figure C. Proxy footprint for the rock shrimp fishery.

Deepwater Shrimp Vessel Monitoring System (VMS) points were provided by NOAA Fisheries for the period 2007 through partial 2011. Request for update was submitted to NOAA Fisheries and when system contractor completes work additional information will be provided and further analyses may be possible prior to public hearing. For the analyses, VMS points with speed 2-4 knots are used as a proxy for fishing (CEBA1).

The VMS points were spatially divided to serve as proxies for all shrimp fishing (Figure A), the deepwater rock and royal red shrimp fisheries (Figure B), and the rock shrimp fishery (Figure C). The VMS analyses presented in the Figures and Tables in this Options' Paper are divided into three areas: 1) fishing in the Alternative as it relates to all shrimp fishing by permitted vessels carrying VMS; 2) fishing in the Alternative as it relates to a deepwater shrimp fishing by permitted vessels carrying VMS; and 3) fishing in the Alternative as it relates to rock shrimp fishing by permitted vessels carrying VMS.