



July 28, 2010

MEMORANDUM FOR: A.I.S., Inc.,
East West Technical Services (EWTS),
MRAG Americas,
At-Sea Monitors (ASMs),
Northeast Fisheries Observer Program (NEFOP) Observers

FROM: Amy Van Atten *AVS for*
Branch Chief, Fisheries Sampling Branch (FSB)

SUBJECT: Electronic Monitoring Pilot Study Revised Cheatsheet

The Fisheries Sampling Branch of the Northeast Fisheries Science Center is conducting a pilot study in conjunction with Archipelago Marine Research Ltd., to test the applicability of Electronic Monitoring System (EMS) technology to collect catch and fishing effort data aboard commercial vessels. The study began in May 2010 with three vessels in southern New England. Over the past two weeks we have equipped four additional vessels with EMS technology. All study vessels are located in southern New England and are active participants in the project as of July 26, 2010. Enclosed in this memo is a revised EMS cheatsheet for your benefit. Please discard the old EMS cheatsheet and replace it with the modified sheet. All EMS vessels and their corresponding ports are listed below:

<u>Vessel:</u>	<u>Home Port:</u>
Miss Fitz	Chatham, MA
Rugrats	Chatham, MA
Barbara L. Peters	Scituate, MA
Lori B.	Gloucester, MA
Virginia Marise	Point Judith, RI
Ocean State	Point Judith, RI
Elizabeth Helen	Point Judith, RI

EMS involves the use of passive electronic systems (video cameras and automated computer systems) to monitor a variety of vessel activity parameters. The goal of the study is to evaluate the utility of EMS as a means to monitor catch on a real-time basis in the Northeast groundfish sector fleet as a monitoring alternative. The project will document the 2010 fishing year on volunteer vessels in the trawl, longline, and gillnet fisheries.

As a reminder, observer/monitor responsibilities on EMS vessels do not differ from other standard trips. Observers/monitors are expected to complete all required duties as they would on any other trip. Please be aware of the location of cameras and avoid

obstructing camera views when possible. NEFOP/ASM duties take precedence over camera views, specifically on limited trips. If the captain and crew are discarding in a certain location, discard any sampled fish in this location as well. Also be aware of winch or hydraulic sensors and avoid interaction with this equipment. At no time will you be required to troubleshoot problems with the cameras or associated equipment; this is the sole responsibility of the captain/crew or FSB staff. **When uploading data from your IPAQ on trips with EMS vessels (see cheatsheet for a list of participating vessels), note this by checking the “EMS Used” box on the Observer Upload webpage.**

If you have any questions concerning this study please contact EMS Project Lead Nichole Rossi at 508-495-2128 or email Nichole.Rossi@noaa.gov. Glenn Chamberlain and Kelly Neville are serving as program support for this study and may be reached at the following numbers 508-495-2153 and 508-495-2151, respectively.

Enclosure:
Revised EMS Cheatsheet