Date: 2/23/98 Sender: Mike Laurs

To: Jeffrey Polovina, Christofer Boggs, Frank Parrish, Bud Antonelis, George Balazs

cc: Linda Onosaki
Priority: Normal

Subject: Fwd: New Technologies

Jeff, pls prepare for satellite applications; Chris for archival and pop-up tags, and technics for sex determination of landed swordfish (?); Frank for crittercam; Bud for satellite ARGOS tags and GPS tags for use on seals; George for satellite tags on sea turtles, genetics, and anything related to fibropapilloma. Pls provide me write-ups on e-mail by 0900 on 2/26 for consolidation and submission to LJ. Mahalo, Mike

Forward Header

Subject: New Technologies
Author: Richard A. Neal
Date: 2/23/98 9:57 AM

Questions are being raised in NOAA regarding the degree to which NMFS is availing itself of advanced technologies in its scientific research. We wish to document the extent to which we are using, exploring or developing new technologies, thus this request.

In order to respond effectively I will need a list of advanced technologies you are using, exploring or developing, with specific terminology (eg. "acoustic methods" or "pop-up tags" is not specific enough). Please provide the following for each specific use in your division:

- 1) Name of technology.
- 2) Application.
- 3) Approximate cost of research using this technology per year, and an estimate of FTE's utilized in this work.
- 4) Names of research partners (company or individual and affiliation).
- 5) Anticipated future applications.
- 6) Names of relevant workshops or symposia on the technology.

A brief response is appropriate as I will need this information by COB Thursday, Feb. 26. Thanks.