

DRAFT
EM Cooperative Research Program
Pre-Implementation Budget

EM Budget \$1,625,000

- \$550,000 – NMFS Alaska Region
- \$700,000 – NMFS National Catch Share Program
- \$375,000 – NMFS National Observer Program
- \$78,000 – NMFS Fisheries Information System

1. EM Pre-implementation deployment

Description: Operational testing of EM on fixed gear vessels according to the EM Pre-implementation plan developed by the EM workgroup. Will cover EM equipment (cameras, wiring, hard drives, etc) and field support for deployment and retrieval of the cameras. Also covers field support for installation and deployment of 3 stereo cameras and Pacific States Marine Fisheries Commission (PSMFC) video reviewers.

Budget: \$900K (\$500 AKR Funds + \$400 National Catch Share Program)

2. EM Infrastructure and staff support

Description: Provides project management support for PSMFC employees; and any costs associated with IT development for NORPAC changes and integration of EM video data.

Budget: \$350K (\$300 National Catch Share Program + \$50 AKR Funds)

3. EM Research & Development

Description: Field support for the R&D; Programming support for the onboard capture of stereo camera video; Programming for the image processing to obtain species ID & length from stereo cameras; University of Washington work on image processing; buying/building the next generation of stereo cameras for field testing late 2016 into final year of implementation in 2017. This project will also support operational testing of RFID tags, chute and stereo cameras onboard pot vessels and potentially Amendment 80 vessels.

Budget: \$375K (National Observer Program Funds)

AFSC also received \$78K from NMFS Fisheries Information System (FIS) for image data collection that will cover activities that are already occurring in 2015 on the IPHC surveys and staffing work.