

Deriving weight from EM data – draft 11/20/14

1. Obtain length from EM

Method: Convert length to weight using standardized length/weight ratios from observer data

- Use stereo cameras mounted at the rail to get length
- Use a chute (either a graduated chute or a camera chute)

2. Obtain piece counts from EM

Method: Apply average weight by species to piece counts using other sources of information

Options for sources of information on average weights:

- Survey data from around the world
- Survey data in Alaska
 - Trawl survey
 - Longline survey
 - IPHC survey
- Results from research studies
- AFSC observer data
 - Use multiple years of data
 - Average by species by FMP area
 - Averages by species by Gear and FMP area
 - Average by species by Season, Gear, FMP area
 - Use current year data
 - Average by species by FMP area
 - Averages by species by Gear and FMP area
 - Average by species by Season, Gear, FMP area