

**Fishery Data Series No. 11-31**

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**Participation, Effort, and Harvest in the Sport  
Fish Business/Guide Licensing and Logbook  
Programs, 2010**

by

**Dora Sigurdsson**

and

**Bob Powers**

July 2011

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Alaska Department of Fish and Game

Divisions of Sport Fish and Commercial Fisheries



## Symbols and Abbreviations

The following symbols and abbreviations, and others approved for the Système International d'Unités (SI), are used without definition in the following reports by the Divisions of Sport Fish and of Commercial Fisheries: Fishery Manuscripts, Fishery Data Series Reports, Fishery Management Reports, and Special Publications. All others, including deviations from definitions listed below, are noted in the text at first mention, as well as in the titles or footnotes of tables, and in figure or figure captions.

| Weights and measures (metric)           |                    | General                                          |                                             | Mathematics, statistics                                                       |                         |
|-----------------------------------------|--------------------|--------------------------------------------------|---------------------------------------------|-------------------------------------------------------------------------------|-------------------------|
| centimeter                              | cm                 | Alaska Administrative Code                       |                                             | all standard mathematical signs, symbols and abbreviations                    |                         |
| deciliter                               | dL                 |                                                  | AAC                                         |                                                                               |                         |
| gram                                    | g                  | all commonly accepted abbreviations              | e.g., Mr., Mrs., AM, PM, etc.               | alternate hypothesis                                                          | H <sub>A</sub>          |
| hectare                                 | ha                 |                                                  |                                             | base of natural logarithm                                                     | e                       |
| kilogram                                | kg                 | all commonly accepted professional titles        | e.g., Dr., Ph.D., R.N., etc.                | catch per unit effort                                                         | CPUE                    |
| kilometer                               | km                 |                                                  |                                             | coefficient of variation                                                      | CV                      |
| liter                                   | L                  | at                                               | @                                           | common test statistics                                                        | (F, t, $\chi^2$ , etc.) |
| meter                                   | m                  | compass directions:                              |                                             | confidence interval                                                           | CI                      |
| milliliter                              | mL                 | east                                             | E                                           | correlation coefficient (multiple)                                            | R                       |
| millimeter                              | mm                 | north                                            | N                                           | correlation coefficient (simple)                                              | r                       |
| <b>Weights and measures (English)</b>   |                    | south                                            | S                                           | covariance                                                                    | cov                     |
| cubic feet per second                   | ft <sup>3</sup> /s | west                                             | W                                           | degree (angular )                                                             | °                       |
| foot                                    | ft                 | copyright                                        | ©                                           | degrees of freedom                                                            | df                      |
| gallon                                  | gal                | corporate suffixes:                              |                                             | expected value                                                                | E                       |
| inch                                    | in                 | Company                                          | Co.                                         | greater than                                                                  | >                       |
| mile                                    | mi                 | Corporation                                      | Corp.                                       | greater than or equal to                                                      | ≥                       |
| nautical mile                           | nmi                | Incorporated                                     | Inc.                                        | harvest per unit effort                                                       | HPUE                    |
| ounce                                   | oz                 | Limited                                          | Ltd.                                        | less than                                                                     | <                       |
| pound                                   | lb                 | District of Columbia                             | D.C.                                        | less than or equal to                                                         | ≤                       |
| quart                                   | qt                 | et alii (and others)                             | et al.                                      | logarithm (natural)                                                           | ln                      |
| yard                                    | yd                 | et cetera (and so forth)                         | etc.                                        | logarithm (base 10)                                                           | log                     |
| <b>Time and temperature</b>             |                    | exempli gratia                                   |                                             | logarithm (specify base)                                                      | log <sub>2</sub> , etc. |
| day                                     | d                  | (for example)                                    | e.g.                                        | minute (angular)                                                              | '                       |
| degrees Celsius                         | °C                 | Federal Information Code                         | FIC                                         | not significant                                                               | NS                      |
| degrees Fahrenheit                      | °F                 | id est (that is)                                 | i.e.                                        | null hypothesis                                                               | H <sub>0</sub>          |
| degrees kelvin                          | K                  | latitude or longitude                            | lat. or long.                               | percent                                                                       | %                       |
| hour                                    | h                  | monetary symbols                                 |                                             | probability                                                                   | P                       |
| minute                                  | min                | (U.S.)                                           | \$, ¢                                       | probability of a type I error (rejection of the null hypothesis when true)    | α                       |
| second                                  | s                  | months (tables and figures): first three letters | Jan,...,Dec                                 | probability of a type II error (acceptance of the null hypothesis when false) | β                       |
| <b>Physics and chemistry</b>            |                    | registered trademark                             | ®                                           | second (angular)                                                              | "                       |
| all atomic symbols                      |                    | trademark                                        | ™                                           | standard deviation                                                            | SD                      |
| alternating current                     | AC                 | United States (adjective)                        | U.S.                                        | standard error                                                                | SE                      |
| ampere                                  | A                  | United States of America (noun)                  | USA                                         | variance                                                                      |                         |
| calorie                                 | cal                | U.S.C.                                           | United States Code                          | population sample                                                             | Var var                 |
| direct current                          | DC                 | U.S. state                                       | use two-letter abbreviations (e.g., AK, WA) |                                                                               |                         |
| hertz                                   | Hz                 |                                                  |                                             |                                                                               |                         |
| horsepower                              | hp                 |                                                  |                                             |                                                                               |                         |
| hydrogen ion activity (negative log of) | pH                 |                                                  |                                             |                                                                               |                         |
| parts per million                       | ppm                |                                                  |                                             |                                                                               |                         |
| parts per thousand                      | ppt, ‰             |                                                  |                                             |                                                                               |                         |
| volts                                   | V                  |                                                  |                                             |                                                                               |                         |
| watts                                   | W                  |                                                  |                                             |                                                                               |                         |

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BUSINESS/GUIDE LICENSING AND LOGBOOK PROGRAMS, 2010**

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ADF&G Fishery Data Series was established in 1987 for the publication of Division of Sport Fish technically oriented results for a single project or group of closely related projects, and in 2004 became a joint divisional series with the Division of Commercial Fisheries. Fishery Data Series reports are intended for fishery and other technical professionals and are available through the Alaska State Library and on the Internet: <http://www.adfg.alaska.gov/sf/publications/>. This publication has undergone editorial and peer review.

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# TABLE OF CONTENTS

|                                                                             | Page |
|-----------------------------------------------------------------------------|------|
| LIST OF TABLES.....                                                         | II   |
| LIST OF FIGURES.....                                                        | II   |
| LIST OF APPENDICES.....                                                     | III  |
| ABSTRACT.....                                                               | 1    |
| BACKGROUND.....                                                             | 1    |
| Guide and Business Registration and Licensing.....                          | 1    |
| Logbooks.....                                                               | 2    |
| Vessel Registration.....                                                    | 5    |
| METHODS.....                                                                | 5    |
| Guide and Business Licensing.....                                           | 5    |
| Logbook Data Collection.....                                                | 6    |
| Saltwater Logbook Forms.....                                                | 6    |
| Freshwater Logbook Forms.....                                               | 7    |
| Vessel Registration.....                                                    | 8    |
| Logbook Outreach, validation and Verification.....                          | 8    |
| Outreach.....                                                               | 8    |
| Validation.....                                                             | 9    |
| Verification.....                                                           | 11   |
| RESULTS.....                                                                | 11   |
| Guide and Business Licensing.....                                           | 11   |
| Vessels.....                                                                | 13   |
| Saltwater.....                                                              | 13   |
| Freshwater.....                                                             | 14   |
| Trips.....                                                                  | 15   |
| Saltwater.....                                                              | 15   |
| Freshwater.....                                                             | 16   |
| Logbook Trip Effort and Harvest.....                                        | 16   |
| Saltwater.....                                                              | 16   |
| Freshwater.....                                                             | 17   |
| DISCUSSION.....                                                             | 20   |
| Guide and Business Licensing.....                                           | 20   |
| Logbooks.....                                                               | 20   |
| ACKNOWLEDGEMENTS.....                                                       | 21   |
| REFERENCES CITED.....                                                       | 22   |
| APPENDIX A SPORT FISH BUSINESS OWNER/GUIDE LICENSE APPLICATION.....         | 23   |
| APPENDIX B SALTWATER LOGBOOK FORM.....                                      | 27   |
| APPENDIX D VESSEL REGISTRATION FORMS, DECALS AND TAGS.....                  | 35   |
| APPENDIX E SALTWATER EDITING RESULTS.....                                   | 39   |
| APPENDIX F FRESHWATER EDITING RESULTS.....                                  | 41   |
| APPENDIX G FRESHWATER LOGBOOK SUMMARIES BY AREA AND PORT OF OFFLOADING..... | 43   |
| APPENDIX H SALTWATER LOGBOOK SUMMARIES BY AREA.....                         | 65   |

## LIST OF TABLES

| Table                                                                                                                | Page |
|----------------------------------------------------------------------------------------------------------------------|------|
| 1. Division of Sport Fish regions and management areas. ....                                                         | 3    |
| 2. Number of licensed businesses and guides by region, 2006–2010.....                                                | 12   |
| 3. Number of active saltwater businesses and guides by region, 2006–2010.....                                        | 13   |
| 4. Number of active freshwater businesses and guides by region, 2006–2010. ....                                      | 13   |
| 5. Number of registered and active saltwater vessels by region, 2006–2010.....                                       | 14   |
| 6. Number of active saltwater vessels that made at least one trip in each target category, by region, 2006–2010..... | 14   |
| 7. Number of registered freshwater vessels by year and region <sup>a</sup> , 2006–2010. ....                         | 15   |
| 8. Number of saltwater trips by targeted species by region, 2006–2010.....                                           | 15   |
| 9. Number of freshwater trips by region, 2006–2010.....                                                              | 16   |
| 10. Saltwater and freshwater trips and angler days by region, 2006–2010. ....                                        | 17   |
| 11. Saltwater salmon effort and harvest by region and angler type, 2010.....                                         | 18   |
| 12. Saltwater bottomfish effort and harvest by region and angler type, 2010.....                                     | 18   |
| 13. Freshwater effort and harvest by species, region and angler type, 2010.....                                      | 19   |

## LIST OF FIGURES

| Figure                                                                         | Page |
|--------------------------------------------------------------------------------|------|
| 1. Map of Alaska and Division of Sport Fish regions and management areas. .... | 4    |
| 2. International Pacific Halibut Commission (IPHC) regulatory areas. ....      | 5    |

# LIST OF APPENDICES

| Appendix                                                                                                                                   | Page |
|--------------------------------------------------------------------------------------------------------------------------------------------|------|
| A1. Sport fish business owner/guide license application, 2010. ....                                                                        | 24   |
| B1. Saltwater charter logbook form, 2010. ....                                                                                             | 28   |
| C1. Freshwater guide logbook from, 2010. ....                                                                                              | 32   |
| D1. Saltwater sport fish charter logbook sign-out and vessel registration form, 2010. ....                                                 | 36   |
| D2. Freshwater sport fish guide vessel registration form, 2010. ....                                                                       | 37   |
| D3. Vessel decal, 2010. ....                                                                                                               | 38   |
| D4. Vessel tab, 2010. ....                                                                                                                 | 38   |
| E1. Saltwater editing results, 2010. ....                                                                                                  | 40   |
| F1. Freshwater editing results, 2010. ....                                                                                                 | 42   |
| G1. Freshwater logbook participation by area and site, Southeast Alaska, 2010. ....                                                        | 44   |
| G2. Freshwater logbook participation by area and site, Southcentral Alaska, 2010. ....                                                     | 45   |
| G3. Freshwater logbook participation by area and site, AYK Alaska, 2010. ....                                                              | 49   |
| G4. Freshwater logbook participation by region, statewide, 2010. ....                                                                      | 50   |
| G5. Freshwater logbook angler days and species kept by area and site, Southeast Alaska, 2010. ....                                         | 51   |
| G6. Freshwater logbook angler days and species kept by area and site, Southcentral Alaska, 2010. ....                                      | 52   |
| G7. Freshwater logbook angler days and species kept by area and site, AYK Alaska, 2010. ....                                               | 56   |
| G8. Freshwater logbook angler days and species kept by region, Statewide, 2010. ....                                                       | 57   |
| G9. Freshwater logbook angler days and species released by area and site, Southeast Alaska, 2010. ....                                     | 58   |
| G10. Freshwater logbook angler days and species released by area and site, Southcentral Alaska, 2010. ....                                 | 59   |
| G11. Freshwater logbook angler days and species released by area and site, AYK Alaska, 2010. ....                                          | 63   |
| G12. Freshwater logbook angler days and species released by region, Statewide, 2010. ....                                                  | 64   |
| H1. Saltwater logbook salmon participation, effort, kept and released by area and port of offloading, Southeast Alaska, 2010. ....         | 66   |
| H2. Saltwater logbook salmon participation, effort, kept, and released by area and port of offloading, Southcentral Alaska, 2010. ....     | 67   |
| H3. Saltwater logbook salmon participation, effort, kept and released by region, statewide, 2010. ....                                     | 68   |
| H4. Saltwater logbook bottomfish participation, effort, kept and released by area and port of offloading, Southeast Alaska, 2010. ....     | 69   |
| H5. Saltwater logbook bottomfish participation, effort, kept, and released by area and port of offloading, Southcentral Alaska, 2010. .... | 70   |
| H6. Saltwater logbook bottomfish participation, effort, kept, and released by region, statewide, 2010. ....                                | 71   |



## **ABSTRACT**

In 2010, 1,452 sport fishing businesses and 3,034 guides licensed under the Alaska Department of Fish and Game guide and business licensing program, signifying intent to provide sport fishing services in Alaska. Of the 1,452 sport fishing businesses registered in 2010, 1,323 were combination owner/guide licenses. Based on the 2010 physical addresses of both the businesses and guides, 88% of the businesses were residents of Alaska, and 12% were from other residency strata (defined as nonresidents), 72% of the guides were residents and 28% were nonresidents.

Of the 2,257 saltwater logbooks issued in 2010, 1,848 were activated, and of the 2,299 freshwater logbooks issued in 2010, 1,476 were activated. Of those businesses that submitted logbook information in 2010, 59% offered saltwater services, and 41% offered freshwater guided services. In 2010, logbook records show that 1,172 saltwater vessels were active. Of those active saltwater vessels, 55% were active in Southeast Alaska and 45% were active in Southcentral Alaska.

A total of 48,742 saltwater charter trips and 246,054 saltwater angler days of fishing occurred in 2010. Of the statewide saltwater trips, 81% of the saltwater angler days were nonresidents, 15% were residents and 4% were crew, comped fishing (nonpaying anglers) or unknown residency. In freshwater, 37,791 trips and 113,239 angler days occurred in 2010. Of the statewide freshwater trips, 88% of the angler days were nonresidents, 10% were residents, and 2% were crew, comped fishing or unknown residency.

2010 saltwater salmon harvests show that coho and king salmon made up 65% and 14% of the total salmon harvest respectively statewide. Saltwater bottomfish harvests in 2010 show that Pacific halibut were the predominant species with 58% of the total saltwater bottomfish harvest statewide. In freshwater, coho salmon were the predominant harvested species, followed by sockeye and then king salmon.

Key words: Sport fishing, guide and business registration, freshwater logbook, saltwater logbook, participation, effort, harvest, sport fishing vessel, Pacific halibut, salmon, bottomfish, Southeast Alaska, Southcentral Alaska

## **BACKGROUND**

The Alaska Department of Fish and Game (ADF&G) Division of Sport Fish (DSF) has operated a program since 1998 to register and license both sport fishing guides and sport fishing guide businesses. Saltwater information on sport fishing participation, effort, and harvest has been collected since 1998. Freshwater information on fishing participation, effort and harvest has been collected since 2005. This report briefly summarizes the approach, history, and results of this program for 2010.

### **GUIDE AND BUSINESS REGISTRATION AND LICENSING**

The activities of the guided sport fishing industry in Alaska have significantly increased in recent years with implications to fish allocation and management decisions. Resolution of related issues was hampered by a lack of information regarding the industry and its impact on fishery resources in many parts of Alaska. The sport fishing guide and business registration and licensing programs were designed to provide a comprehensive system to better define this diverse industry throughout Alaska. A brief history of the statewide registration and licensing process follows.

Beginning in May 1995 the owner(s) of any business that engaged in sport fish guiding of anglers anywhere in Alaska were required to register their business information, employees acting as sport fishing guides for the business, and list all vessels used for guiding. In 1997, sport fishing guides were required to register and provide information about the employing business (Dean 2001; Dean and Howe 1999).

In 1998, the Alaska Board of Fisheries (BOF) adopted new statewide sport fishing guide registration regulations and definitions during their February Statewide Finfish meeting in

Girdwood, Alaska (5 AAC 75.075: *Sport Fishing Services and Sport Fishing Guide Services; License Requirements; Regulations of Activities*). It should be stressed that this was a registration process, not a licensing process. No fees were required and businesses and guides were allowed to provide services in any area of the state, assuming other regulatory requirements were met. In 1998, ADF&G continued to register guide businesses and guides, but stopped registering charter vessels, because the Commercial Fisheries Entry Commission (CFEC) implemented a licensing program for all vessels to be used for guided sport fishing. From 1998 through 2004, ADF&G continued to register sport fishing businesses and sport fishing guides.

On May 11, 2004, the Alaska Legislature adopted House Bill 452 (HB 452), that established licensing requirements for sport fishing guide business owners and sport fishing guides on a statewide basis. This bill was created to establish minimum professional standards required of both freshwater and saltwater sport fish guides and business owners before a license could be obtained. The standards were established to protect consumers and to promote the viability and legitimacy of a professional sport fish guide industry. Businesses providing sport fish guided services were now required to obtain a State of Alaska Occupational Business License and hold liability insurance with a minimum of \$300,000 coverage for all incidents in a year (AS 16.40.260). Licensed sport fishing guides were required (1) to be citizens of the United States, Canada, or Mexico, (2) hold a current first aid card, (3) have a current year Alaska sport fishing license and (4) have a valid U.S. Coast Guard operator's license if they were to operate a motorized vessel in navigable waters. License application forms and the information collected have remained consistent in design since 2006 (Sigurdsson and Powers 2009).

## LOGBOOKS

In February, 1998 the BOF adopted regulations (5 AAC 75.076) requiring logbooks for saltwater charter vessels statewide. Information on the amounts and locations of charter activity and actual participation and harvest by individual vessels and businesses was needed by the BOF for allocation and management of Chinook salmon *Oncorhynchus tshawytscha*, rockfish *Sebastes* spp., and lingcod *Ophiodon elongatus*, and by the North Pacific Fisheries Management Council (NPFMC) for allocation of Pacific halibut *Hippoglossus stenolepis*. To meet these information needs ADF&G implemented a saltwater sport fishing charter vessel logbook program for DSF Region I, Southeast Alaska (Southeast), and Region II, Southcentral Alaska (Southcentral; Table 1; Figure 1).

In 1999, the NPFMC was considering proposals to limit the guided sport halibut harvest. Their concerns were: (1) that growth in this fishery was reallocating resources away from the individual fishing quota (IFQ) commercial longline fishery, and (2) that in some areas there was overcapitalization and localized depletion of the halibut resource. NPFMC endorsed a two-prong approach to resolve the perceived impact of increased guided charter halibut fishing. The first was establishment of guideline harvest limits (GHL) for International Pacific Halibut Commission (IPHC) Areas 2C and 3A (Figure 2), and the second was a process to establish local area management plans for halibut fisheries in coastal communities.

Since 1998, the logbook design has undergone annual revisions, driven primarily by changes or improvements in the collection of halibut, lingcod and rockfish data through the logbook program, Statewide Harvest Survey (SWHS), and expanded port sampling programs. House Bill 452, adopted in 2004, not only established new licensing requirements, but also established a logbook reporting requirement for all freshwater businesses in addition to the existing saltwater

reporting requirements. For various reasons, both technical and policy-based, information on halibut harvests was not collected from 2002 through 2005. The collection of halibut data was resumed in 2006. In addition, the 2006 logbook was redesigned to require reporting of angler license numbers and the harvest and release numbers by angler in an effort to improve reporting and facilitate evaluation of the quality of logbook data.

The data from logbooks are compiled to show where fishing effort occurs, the extent of participation, and the species and numbers of fish kept and released by individual clients. This information is used for regulation and the development and management of fisheries, for project evaluation, and for formulation of department policies and priorities that reflect angler needs, concerns, and preferences. It also provides ADF&G with a tool to promote management of Alaska's resources for sustained yield.

Table 1.—Division of Sport Fish regions and management areas.

| Regions                |                                             |
|------------------------|---------------------------------------------|
| SE                     | Southeast Alaska                            |
| SC                     | Southcentral Alaska                         |
| AYK                    | Arctic-Yukon-Kuskokwim                      |
| Areas                  |                                             |
| Southeast Alaska       |                                             |
| A                      | Ketchikan                                   |
| B                      | Prince of Wales Island                      |
| C                      | Kake, Petersburg, Wrangell, Stikine         |
| D                      | Sitka                                       |
| E                      | Juneau                                      |
| F                      | Haines-Skagway                              |
| G                      | Glacier Bay                                 |
| H                      | Yakutat                                     |
| Southcentral Alaska    |                                             |
| J                      | North Gulf Coast/Prince William Sound       |
| K                      | Knik Arm Drainage                           |
| L                      | Anchorage                                   |
| M                      | Susitna River Drainage                      |
| N                      | West Side Cook Inlet                        |
| P                      | Kenai Peninsula                             |
| Q                      | Kodiak                                      |
| R                      | Naknek River Drainage/Alaska Peninsula Area |
| S                      | Kvichak River Drainage                      |
| T                      | Nushagak, Wood River and Togiak             |
| Arctic-Yukon-Kuskokwim |                                             |
| I                      | Upper Copper River Drainage                 |
| U                      | Tanana River Drainage                       |
| V                      | Kuskokwim River/Kuskokwim Bay Drainages     |
| W                      | Norton Sound/Seward Peninsula               |
| X                      | Northwest Alaska                            |
| Y                      | Yukon River Drainage                        |
| Z                      | North Slope/Brooks Range                    |



Figure 1.—Map of Alaska and Division of Sport Fish regions and management areas.

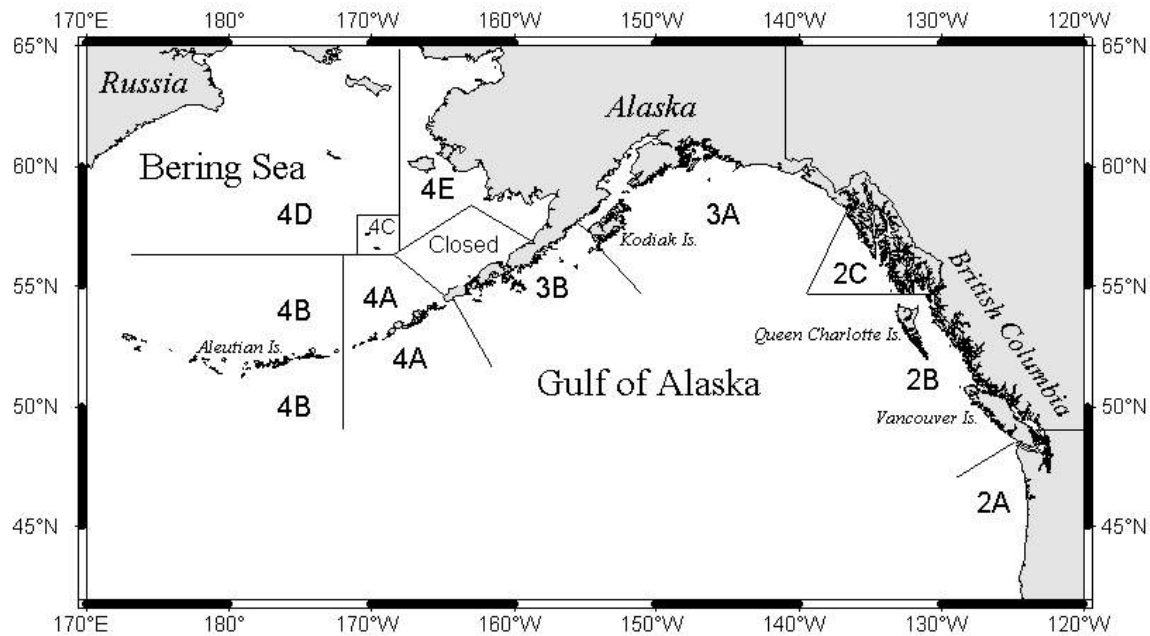


Figure 2.—International Pacific Halibut Commission (IPHC) regulatory areas.

Currently, a logbook record is required for every chartered or guided trip taken with clients, defined as an outing with one group of clients that ends when the clients and their fish (if fish were kept) are offloaded. Each trip is associated with an individual licensed business and guide.

## VESSEL REGISTRATION

In addition to establishing a licensing program and statewide freshwater logbook requirement, HB 452 included establishment of a vessel registration program to be conducted by ADF&G as part of the logbook program to monitor the number of vessels used in the guided marine and freshwater fisheries. All boats used in marine or freshwater are referred to as “charter or guide boats” regardless of their size or the manner in which they are used. All vessels used in the charter guide industry were required to be registered with ADF&G.

## METHODS

### GUIDE AND BUSINESS LICENSING

Businesses and guides can be licensed to provide sport fishing guided services if they meet the minimum qualifications specified in regulation (AS 16.40.260 and AS 16.40.270).

Beginning in 2006, each January the Division of Sport Fish mailed renewal license applications to each sport fishing guide and sport fishing business that was licensed in the previous year. In addition, guides and businesses could obtain a license in person at local ADF&G offices or through the Internet.

The license application could be used in three ways (Appendix A):

- To license a business only,
- To license a guide only,
- To license a combination business and guide (an owner/operator where the owner also conducted the guiding).

The license application collected business owner or guide name, permanent mailing information, permanent and inseason phone number if applicable. Additionally, the name of the business, name of the business owner, occupational business license number, insurance company information and insurance binder or policy number and effective dates were required. A guide is required to be a citizen of the United States, Canada, or Mexico, hold a current first aid card and have a current year Alaska sport fishing license along with any tags or permits required for specific fisheries. If a guide planned to operate a motorized vessel on navigable waters with clients on board, the guide was required to have a current U.S. Coast Guard Operator's License and provide that number and expiration date on the license application.

Unique license numbers were assigned according to how licensing occurred. License numbers did not remain the same in subsequent years. If an operator or guide licensed at an ADF&G office, a pre-numbered application was used and that number became the license number for that year. Renewal or internet license applications are numbered sequentially by the computer database that processed the information

Once the license applications were reviewed for completeness and accuracy, DSF mailed a wallet-sized license to each guide or business. Those applicants who licensed by going to an ADF&G office received a copy of their license, which allowed them to operate immediately. Those who applied on the Internet or with the renewal application, were required to wait until they received their license in the mail prior to operating or providing guiding services.

## **LOGBOOK DATA COLLECTION**

Logbook reporting is a mandatory process governed by regulation (AS 16.40.280). As such, the reporting process was considered to be a census of all charter/guided trips. Logbooks were available and issued from ADF&G area offices located statewide, in addition to a vendor located in Seward.

The statewide logbook has remained consistent in design since 2006, with few annual changes occurring in logbook layout. In 2006, both the freshwater and saltwater logbooks were redesigned to require reporting of angler license numbers and the harvest and release numbers by angler in an effort to improve reporting and facilitate evaluation of the quality of logbook data. Some of the annual design changes in the saltwater logbook were driven primarily by changes or improvements in the collection of halibut and rockfish data, and by requests from the NPFMC for information needed for allocation of halibut. Some changes were made to improve or simplify the use of the forms based on operator input, and to improve the capture of client and crew harvest information. Other than a few minor design changes, both the saltwater and freshwater logbooks collected the same information during all five years.

### **Saltwater Logbook Forms**

A saltwater logbook consisted of the cover page, schedule of reporting deadlines, one logbook check out sheet to show the business to which the logbook was issued and to register the saltwater vessel, a set of instructions for filling out the information on the logbook sheets, and 50 data sheets to record trip information (Appendix B). Data collected on each of the 50 pages consisted of:

- Date that fishing took place;
- Time that trip started;

- ADF&G guide license number for the guide leading the trip;
- Port or community where fishing began;
- Port or community where trip ended,
- Primary statistical area fished while targeting salmon or bottomfish;
- Crew, client, and “comped” angler’s current ADF&G sport fishing license or PID (permanent fishing license) number, the word “YOUTH” for anglers under 16;
- First and last name of each client and youth angler;
- Client residency(Alaska resident/nonresident of Alaska);
- Indication if crew fished or if angler was “comped”;
- Signature of angler who kept halibut while fishing in 2C only (southeast);
- A breakdown by fish species kept and released by each individual angler.

During a saltwater charter trip, the operator must decide if his/her gear or fishing methods are effectively targeting bottomfish, salmon or both. A 6-digit statistical code where most of the fish were caught or targeted is logged for each trip. Statistical maps were provided to the operator upon logbook issuance.

Saltwater species information collected included kept and released information for “large” Chinook (king salmon) 28” and longer and for “small” Chinook (king salmon) less than 28”. Also recorded were coho *O. kisutch*, sockeye *O. nerka*, halibut, lingcod, pelagic rockfish, yelloweye, and other nonpelagic rockfish, salmon shark *Lamna ditropis*, sablefish and a category for the number of all other species not already listed (Appendix B).

To determine the number of businesses and guides that were “active” in the industry, a cross reference of business and guide licenses is made to the logbooks to determine if actual guided trips were provided. If ADF&G received at least one logbook data page that reported targeted effort, the charter operation turning in the form was considered an “active” bottomfish or salmon charter operator with an “active” vessel.

### **Freshwater Logbook Forms**

A freshwater logbook consisted of the cover page, schedule of reporting deadlines, one logbook check out sheet to show the business to which the logbook was issued, a freshwater vessel registration page that collects the unique AK # assigned by the Department of Motor Vehicles (DMV) or a United States Coast Guard (USCG) documentation number and primary drainage, a set of instructions for filling out the information on the logbook sheets, and 50 data sheets to record trip information (Appendix C). Data collected on each of the 50 pages consisted of:

- ADF&G guide license number,
- Date that fishing took place,
- Specific name of river, stream or lake fished,
- Site code of site fished as referenced within a list provided with each logbook,
- Number of logbook pages used for a specific trip,
- Name of any other species kept,
- Crew, client, and “comped” angler’s current ADF&G sport fishing license number, and a youth angler designation for anglers under 16 years of age.

- Client residency,
- A breakdown by fish species kept and released by each individual angler.

Upon acquiring a freshwater logbook, the operator registers all vessels that may be used during the course of the fishing season. Freshwater vessel registration requires that the vessel already have a unique AK # assigned by DMV or a USCG documentation number. Freshwater vessels primarily have AK #'s. The operator must provide the AK # and indicate the primary freshwater drainage where the vessel will operate.

The freshwater logbook does not collect targeted species information like the saltwater logbook, it collects information on species kept and released regardless of what was targeted or sought after. A trip is counted if a logbook data page is submitted with effort information regardless of catch. Freshwater trips are assigned a region of the state based on the name of the site fished, each freshwater site is assigned a unique regional alpha code followed by a numeric code within the region in which it is located (Table 1).

Freshwater information collected were: kept and released numbers for king, coho, and sockeye salmon, cutthroat *O. clarkii*, rainbow and steelhead trout *O. mykiss*, lake trout *Salvelinus namaycush*, Dolly Varden *S. malma*, Arctic grayling *Thymallus arcticus*, northern pike *Esox lucius*, sheefish *Stenodus leucichthys* and a category for the number of all other fish not already listed.

Business operators are allowed to and even encouraged to pick up as many logbooks as they anticipated needing during the course of the season. The ability to acquire as many logbooks as are needed prevents them from having to make multiple trips to an ADF&G office. As a result, numerous businesses ended up getting more logbooks than were eventually used. Because of this, ADF&G differentiates between the number of logbooks issued versus the number that are actually used or activated.

## **Vessel Registration**

Vessel registration information was collected when a saltwater or freshwater logbook was issued to a business (Appendix D1 and D2). Registration information included the Department of Motor Vehicles (DMV) number or the U.S. Coast Guard vessel documentation number. Upon completion of vessel registration with ADF&G, each vessel was provided with two decals and year tags to indicate that the vessel is to be used in the guide industry (Appendix D3 and D4). Decals must be applied and visible on both sides of the vessel.

## **LOGBOOK OUTREACH, VALIDATION AND VERIFICATION**

In December 2005, the Commissioner of the ADF&G issued a statement that mandated and detailed strategies for assuring the accuracy of the reporting of Pacific halibut harvest for the saltwater charter logbook through outreach and validation.

### **Outreach**

An outreach program was initiated to reach as many operators as possible to field questions and to ensure compliance with the reporting requirements. The outreach program was conducted on-site (in the field) by ADF&G employees and off-site from the Anchorage ADF&G office.

#### ***On-site Logbook Inspections***

Logbook outreach occurred in parts of the Southeast and Southcentral regions in conjunction with existing creel survey and port sampling programs. "Courtesy logbook inspections" were

conducted as time allowed by ADF&G creel and port sampling technicians during their regular dockside checks of the primary fisheries from May through September. In addition, management staff continued with periodic checks of charter logbooks while in the field. Logbooks were inspected to make sure that they were filled out correctly, and staff answered any questions about how they should be filled out. These checks were not intended for enforcement or for evaluating the accuracy of data but rather as another opportunity to encourage compliance and completeness and as an indicator of how important logbook data are to ADF&G.

### ***Off-site Logbook Review***

The goal of the outreach program was to ensure compliance with all reporting requirements, by emphasizing education early in the season. Off-site outreach was conducted by the Division of Sport Fish, Research and Technical Services (RTS) staff in the Anchorage office. All logbook trip data was subject to a reporting deadline. Logbook data pages were required to be completed and returned to ADF&G on a weekly basis as specified in the instructions of both the saltwater and freshwater logbooks. Timely submission was a requirement to facilitate recall and to allow ADF&G staff to review each data page for completeness and legibility. All logbook data sheets were received by RTS in Anchorage where ADF&G data entry staff date-stamped each data page with the date received, reviewed each page for incomplete, illegible or erroneous information, and conducted phone calls to business owners and guides for follow up and clarification. Calls early in the season were intended to alleviate repeat errors in reporting which were thought to result in fewer calls being necessary later in the fishing season.

As logbook data sheets were received, RTS staff conducted reviews by monitoring all data for completion and legibility prior to data entry. In the event that some of the logbook data sheets required verification from the operator or guide, staff would place phone calls.

Phone calls to the business owners and guides significantly improved the quality of the data, minimized reoccurring mistakes by the guide, increased compliance, and contributed to the outreach portion of this program. Logbook data entry staff contacted charter operators to resolve logbook reporting issues and to improve future reporting. These calls were intended to improve data quality and reinforce the message to the guide industry that logbook data are important and are consistently being reviewed.

| Number of follow-up calls to Operators by year. |       |       |      |      |
|-------------------------------------------------|-------|-------|------|------|
| 2006                                            | 2007  | 2008  | 2009 | 2010 |
| 3,011                                           | 1,415 | 2,160 | 780  | 830  |

Follow up phone calls have become a valuable outreach tool and will continue to be a standard procedure in the future.

## **Validation**

### ***In-season Saltwater Logbook Editing***

Computer routines have been written to check and validate the following saltwater data fields during the fishing season as logbook data pages are returned.

- Validate the guide license is filled in and valid.
- Validate the date is filled in and in 2010.

- Validate the port of landing is entered and is in the valid port site table.
- If hours are listed verify a statistical area is listed for the appropriate effort.
- Verify the statistical area listed is a valid statistical area.
- If there is harvest verify the appropriate statistical area is filled in.
- If a statistical area is filled out verify the appropriate hours field is filled in.
- Verify a statistical area is filled in (both can't be blank).
- Verify hours are filled in (both can't be blank).
- Validate possible incorrect stat areas that appear to be valid;
  - If data entry mistakenly enters the hours info in the statistical area the first statistical area that starts with the same number will be auto populated and accepted as valid.
- Check to see which log pages were turned in more than 7 days after the due date.
- Verify logbooks are checked out to a business and not a guide.
- Check all records with more than 12 hours listed.
- Check for duplicate logbook pages.
- Check trips that don't have paying angler records.
- Verify the date fished is not greater than the date the log page is received by ADF&G.

### ***Post-season Saltwater Logbook Editing***

At the end of the fishing season, computer routines check and validate the above listed items in addition to the following saltwater data fields in preparation for developing summaries (Appendix E).

- All of the in-season edits are re-run.
- Check to make sure fish kept are within the limits for the area fished.
- Validate and review excessively large numbers of released fish based on frequency distribution analysis.

### ***In-season Freshwater Logbook Editing***

Computer routines have been written to check and validate the following freshwater data fields during the fishing season as logbook data pages are returned.

- Validate the guide license number is filled in and valid.
- Validate the date is filled in and in 2010.
- Validate the site code is entered and is in the valid site code table.
- Check to make sure there are paying clients (not comped or crew) on the trip.
- Check to see which log pages were turned in more than 7 days after the due date.
- Check for duplicate logbook pages.
- Verify the date fished is not greater than the date the log page is received by ADF&G.
- Verify logbooks are checked out to a business and not a guide.
- Verify Kenai River trips weren't taken on Sunday or Monday in May – July.
- Check trip records that don't have angler records.

### ***Post-season Freshwater Logbook Editing***

At the end of the fishing season, computer routines check and validate the above listed items in addition to the following freshwater data fields in preparation for developing summaries (Appendix F).

- All of the in-season edits are re-run.
- Check to make sure fish kept are within the limits for the site fished.
- Check to make sure the fish caught are valid species for the site fished.
- Validate excessively large numbers of released fish based on frequency distribution analysis.
- Recode 'Other' site codes to correct values if they exist in the site code table.
- Recode sites with 'System' in the description to a more specific site code if available.
- Check records with 6 clients to verify the next page isn't part of the same trip.

### **Verification**

Logbook data were compared to actual counts of harvested fish (verified) and to reported harvest data (unverified) from onsite interviews. These comparisons are ongoing and are part of a more comprehensive evaluation of logbook data quality (Meyer and Powers *Unpublished*).

Two unique methods will be used to conduct post-season verification of logbook data:

1. A freshwater and saltwater comparison will be made between logbook data and guided trip information collected from the Alaska Statewide Harvest Survey (SWHS; Jennings et al. 2010).
2. The data collected from the logbooks was compared to the data collected in the saltwater creel programs administered through ADF&G. Saltwater creel programs include the *Assessment of Recreational Halibut and Groundfish Harvest in Southcentral Alaska* program in Homer, *Haines Marine Sport Fishery Harvest in Southeast Alaska* (Chapell 2010), and *Harvest estimates for selected marine sport fisheries in Southeast Alaska* (Wendt and Jaenicke *In prep*).

## **RESULTS**

### **GUIDE AND BUSINESS LICENSING**

In 2010, 1,452 sport fishing businesses and 3,034 sport fishing guides were licensed with ADF&G to provide sport fishing services in Alaska. The total number of businesses and guides includes all saltwater and freshwater operators. Of the 1,452 sport fishing businesses licensed in 2010, 1,323 were combination owner/guide licenses. Physical addresses of both the businesses and guides in 2010 indicated that 88% of the businesses reported Alaska residency, and 12% were from other residency strata (defined as nonresidents), 72% of the guides were residents and 28% were nonresidents.

The licensed businesses and guides were subtotaled by region for Southeast, Southcentral, and Other Alaska, including the Arctic-Yukon-Kuskokwim area and nonresident license applicants. In 2010 26% of the licensed businesses had physical addresses in Southeast, 57% in Southcentral, 5% had permanent addresses in other parts of Alaska, and 12% had nonresident addresses based on their license applications. In 2010, 16% of those that licensed as guides only

had permanent addresses in Southeast, 38% in Southcentral, 5% in other parts of Alaska and 41% had nonresident addresses based on their license applications (Table 2).

Based on the submission of logbook data pages with trip information in 2006, 777 businesses provided saltwater services, 503 provided freshwater services and 140 businesses provided both freshwater and saltwater services. In 2007, 786 businesses provided saltwater services, 513 provided freshwater services and 132 businesses provided both freshwater and saltwater services. In 2008, 766 businesses provided saltwater services, 508 provided freshwater services and 122 businesses provided both freshwater and saltwater services (Sigurdsson and Powers 2010). In 2009, 690 businesses provided saltwater services, 474 provided freshwater services and 112 businesses provided both freshwater and saltwater services. In 2010, 660 businesses provided saltwater services, 430 provided freshwater services and 116 businesses provided both freshwater and saltwater services (Table 3 and Table 4).

Table 2.—Number of licensed businesses and guides by region, 2006–2010.

| Region <sup>b</sup> | Licensed Businesses <sup>a</sup>  |              |              |              |              |
|---------------------|-----------------------------------|--------------|--------------|--------------|--------------|
|                     | 2006                              | 2007         | 2008         | 2009         | 2010         |
| SE                  | 38                                | 39           | 43           | 34           | 32           |
| SC                  | 62                                | 70           | 66           | 65           | 68           |
| Other Alaska        | 5                                 | 2            | 2            | 2            | 4            |
| Resident Total      | 105                               | 111          | 111          | 101          | 104          |
| Other U.S.          | 25                                | 18           | 23           | 21           | 25           |
| Foreign             | 0                                 | 0            | 0            | 0            | 0            |
| Nonresident Total   | 25                                | 18           | 23           | 21           | 25           |
| <b>Total</b>        | <b>130</b>                        | <b>129</b>   | <b>134</b>   | <b>122</b>   | <b>129</b>   |
| Region <sup>b</sup> | Combination Licenses <sup>c</sup> |              |              |              |              |
|                     | 2006                              | 2007         | 2008         | 2009         | 2010         |
| SE                  | 432                               | 422          | 414          | 371          | 351          |
| SC                  | 891                               | 909          | 887          | 812          | 764          |
| Other Alaska        | 71                                | 74           | 75           | 68           | 62           |
| Resident Total      | 1,394                             | 1,405        | 1,376        | 1,251        | 1,177        |
| Other U.S.          | 153                               | 160          | 149          | 155          | 146          |
| Foreign             | 0                                 | 0            | 0            | 0            | 0            |
| Nonresident Total   | 153                               | 160          | 149          | 155          | 146          |
| <b>Total</b>        | <b>1,547</b>                      | <b>1,565</b> | <b>1,525</b> | <b>1,406</b> | <b>1,323</b> |
| Region <sup>b</sup> | Licensed Guides <sup>d</sup>      |              |              |              |              |
|                     | 2006                              | 2007         | 2008         | 2009         | 2010         |
| SE                  | 346                               | 334          | 319          | 272          | 269          |
| SC                  | 732                               | 777          | 765          | 678          | 662          |
| Other Alaska        | 66                                | 75           | 80           | 87           | 78           |
| Resident Total      | 1,144                             | 1,186        | 1,164        | 1,037        | 1,009        |
| Other U.S.          | 761                               | 780          | 831          | 705          | 702          |
| Foreign             | 2                                 | 0            | 2            | 1            | 0            |
| Nonresident Total   | 763                               | 780          | 833          | 706          | 702          |
| <b>Total</b>        | <b>1,907</b>                      | <b>1,966</b> | <b>1,997</b> | <b>1,743</b> | <b>1,711</b> |

Note: Data are current as of 05/24/2011.

<sup>a</sup> Business only licenses do not include the owner as a guide.

<sup>b</sup> Region assigned based on physical address indicated at time of licensing.

<sup>c</sup> Combination licenses that include the business and the business owner as the guide.

<sup>d</sup> Guide license only, no business license.

Table 3.–Number of active saltwater businesses and guides by region, 2006–2010.

| Region <sup>c</sup>      | Active Businesses <sup>a</sup> |            |            |            |            | Active Guides <sup>b</sup> |              |              |              |              |
|--------------------------|--------------------------------|------------|------------|------------|------------|----------------------------|--------------|--------------|--------------|--------------|
|                          | 2006                           | 2007       | 2008       | 2009       | 2010       | 2006                       | 2007         | 2008         | 2009         | 2010         |
| SE                       | 439                            | 430        | 429        | 387        | 373        | 881                        | 872          | 860          | 738          | 730          |
| SC                       | 479                            | 488        | 459        | 416        | 403        | 772                        | 765          | 739          | 661          | 633          |
| <b>Total<sup>d</sup></b> | <b>917</b>                     | <b>918</b> | <b>888</b> | <b>802</b> | <b>776</b> | <b>1,603</b>               | <b>1,600</b> | <b>1,561</b> | <b>1,355</b> | <b>1,325</b> |

Note: Data are current as of 05/24/2011.

<sup>a</sup> Active Business counts are based on the business number listed on the signout sheet of a logbook (this can be a business only or a combined business/guide license) and the submission of at least one log page from the logbook.

<sup>b</sup> Active Guide counts are based on the guide number written on each log page (this can be a guide only or a combined business/guide license) and the submission of at least one log page showing that guide license number.

<sup>c</sup> Region is based on the port of offloading, salmon and bottomfish statistical area.

<sup>d</sup> Total is not additive because a business or guide could operate in both regions. Includes businesses and guides that offered both saltwater and freshwater services.

Table 4.–Number of active freshwater businesses and guides by region, 2006–2010.

| Region <sup>c</sup>      | Active Businesses <sup>a</sup> |            |            |            |            | Active Guides <sup>b</sup> |              |              |              |              |
|--------------------------|--------------------------------|------------|------------|------------|------------|----------------------------|--------------|--------------|--------------|--------------|
|                          | 2006                           | 2007       | 2008       | 2009       | 2010       | 2006                       | 2007         | 2008         | 2009         | 2010         |
| SE                       | 69                             | 72         | 70         | 63         | 69         | 173                        | 176          | 178          | 143          | 151          |
| SC                       | 526                            | 528        | 512        | 476        | 433        | 1,220                      | 1,270        | 1,302        | 1,090        | 1,051        |
| AYK                      | 71                             | 68         | 69         | 67         | 62         | 194                        | 224          | 222          | 203          | 200          |
| <b>Total<sup>d</sup></b> | <b>643</b>                     | <b>645</b> | <b>630</b> | <b>586</b> | <b>546</b> | <b>1,518</b>               | <b>1,579</b> | <b>1,633</b> | <b>1,375</b> | <b>1,348</b> |

Note: Data are current as of 05/24/2011

<sup>a</sup> Active Business counts are based on the business number listed on the signout sheet of a logbook (this can be a business only or a combined business/guide license) and the submission of at least one log page from the logbook.

<sup>b</sup> Active Guide counts are based on the guide number written on each log page (this can be a guide only or a combined business/guide license) and the submission of at least one log page showing that guide license number.

<sup>c</sup> Region is based on the site code provided for the site fished on each logbook page.

<sup>d</sup> Total is not additive because a business or guide could operate in multiple regions. Includes businesses and guides that offered both freshwater and saltwater services.

## VESSELS

### Saltwater

The number of vessels registered to provide saltwater sport fishing charter services was 1,671 in 2006, 1,666 in 2007, 1,601 in 2008, a 1,444 in 2009, and 1,389 in 2010 (Table 5). A vessel, though registered, is not considered “active” unless that vessel was used on one or more guided trip(s) as indicated by the submission of a logbook data page. Of the 1,671 saltwater vessels registered in 2006, 1,368 were active, of the 1,666 vessels registered in 2007, 1,409 were active, in 2007, of the 1,601 registered vessels, 1,353 were active, in 2009, 1,444 saltwater vessels that were registered, 1216 were active, and in 2010, of the 1,389 registered saltwater vessels, 1,172 were actually active. Based on the primary port of operation indicated at registration and port of offloading, 644 saltwater vessels operated in Southeast and 528 operated in Southcentral in 2010, the lowest number recorded in the last five years (Table 5).

Table 5.—Number of registered and active saltwater vessels by region, 2006–2010.

| Region             | Registered Vessels <sup>a</sup> |       |       |       |       | Active Vessels <sup>b</sup> |       |       |       |       |
|--------------------|---------------------------------|-------|-------|-------|-------|-----------------------------|-------|-------|-------|-------|
|                    | 2006                            | 2007  | 2008  | 2009  | 2010  | 2006                        | 2007  | 2008  | 2009  | 2010  |
| SE                 | 926                             | 918   | 905   | 807   | 778   | 747                         | 768   | 757   | 670   | 644   |
| SC                 | 745                             | 748   | 697   | 637   | 611   | 622                         | 641   | 596   | 547   | 528   |
| Total <sup>c</sup> | 1,671                           | 1,666 | 1,601 | 1,444 | 1,389 | 1,368                       | 1,409 | 1,353 | 1,216 | 1,172 |

Note: Data are current as of 05/24/11.

<sup>a</sup> Region is based on primary port of operation listed on the sign-out sheet

<sup>b</sup> Region is based on primary port of off loading, salmon and bottomfish statistical area.

<sup>c</sup> Total is not additive because vessels can operate in both regions.

Logbook data indicate that vessels will target all possible species; bottomfish, salmon and both during the course of a fishing season (Table 6).

Table 6.—Number of active saltwater vessels that made at least one trip in each target category, by region, 2006–2010.

| Year | Region <sup>b</sup> | Target <sup>a</sup> |            |       | No Statistical Area Reported |
|------|---------------------|---------------------|------------|-------|------------------------------|
|      |                     | Salmon              | Bottomfish | Both  |                              |
| 2006 | SE                  | 631                 | 495        | 637   | 5                            |
|      | SC                  | 383                 | 551        | 486   | 6                            |
|      | Total               | 1,014               | 1,046      | 1,123 | 11                           |
| 2007 | SE                  | 637                 | 494        | 676   | 49                           |
|      | SC                  | 377                 | 576        | 495   | 32                           |
|      | Total               | 1,014               | 1,070      | 1,171 | 81                           |
| 2008 | SE                  | 622                 | 534        | 648   | 55                           |
|      | SC                  | 325                 | 546        | 441   | 22                           |
|      | Total               | 947                 | 1,080      | 1,089 | 77                           |
| 2009 | SE                  | 538                 | 417        | 586   | 27                           |
|      | SC                  | 269                 | 497        | 402   | 17                           |
|      | Total               | 807                 | 914        | 988   | 44                           |
| 2010 | SE                  | 514                 | 401        | 567   | 63                           |
|      | SC                  | 245                 | 476        | 385   | 43                           |
|      | Total               | 759                 | 877        | 952   | 106                          |

Note: Data are current as of 05/24/2011.

<sup>a</sup> Target is based on salmon and bottomfish statistical areas.

<sup>b</sup> Region is based on primary port of off loading, salmon and bottomfish statistical area.

## Freshwater

Based on the primary drainage and sites fished, many more freshwater vessels operate in Southcentral than in other regions between 2006 and 2010 (Table 7).

Table 7.—Number of registered freshwater vessels by year and region<sup>a</sup>, 2006–2010.

| Year | SE  | SC    | AYK | Unknown <sup>b</sup> | Total <sup>c</sup> |
|------|-----|-------|-----|----------------------|--------------------|
| 2006 | 148 | 1,717 | 221 | 2                    | 2,086              |
| 2007 | 131 | 1,668 | 240 | 2                    | 2,040              |
| 2008 | 122 | 1,743 | 262 | 2                    | 2,128              |
| 2009 | 97  | 1,642 | 236 | 2                    | 1,976              |
| 2010 | 96  | 1,607 | 206 | 4                    | 1,912              |

Note: Data are current as of 05/24/2011.

<sup>a</sup> Region is based on primary drainage listed on the vessel registration sheet. If region could not be determined based on primary drainage, then the area fished was used.

<sup>b</sup> Insufficient information available during registration and on fishing activity.

<sup>c</sup> Total not additive because a vessel could be registered and operate in more than one region.

## TRIPS

### Saltwater

Logbook data indicate that 65,671 saltwater charter trips were conducted statewide in 2006, 67,152 trips were conducted in 2007, 62,005 trips were conducted in 2008, 48,506 saltwater trips were conducted in 2009, and 48,742 in 2010. During all five years, a majority of the trips that targeted salmon only, occurred in Southeast Alaska, whereas, the majority of trips that targeted bottomfish only, occurred in Southcentral Alaska. During the same five years, operators in Southeast conducted significantly more trips in which both salmon and bottomfish were targeted on the same trip. If a statistical area fished was not provided or indicated, no targeted species was assigned (Table 8).

Table 8.—Number of saltwater trips by targeted species by region, 2006–2010.

| Year | Region <sup>b</sup> | Species Targeted <sup>a</sup> |            |        | No Statistical Area<br>Reported | Total  |
|------|---------------------|-------------------------------|------------|--------|---------------------------------|--------|
|      |                     | Salmon                        | Bottomfish | Both   |                                 |        |
| 2006 | SE                  | 14,309                        | 6,146      | 18,628 | 5                               | 39,088 |
|      | SC                  | 3,481                         | 15,555     | 7,537  | 10                              | 26,583 |
|      | Total               | 17,790                        | 21,701     | 26,165 | 15                              | 65,671 |
| 2007 | SE                  | 12,759                        | 6,144      | 20,633 | 63                              | 39,599 |
|      | SC                  | 2,876                         | 16,489     | 8,145  | 43                              | 27,553 |
|      | Total               | 15,635                        | 22,633     | 28,778 | 106                             | 67,152 |
| 2008 | SE                  | 11,338                        | 7,368      | 18,634 | 108                             | 37,448 |
|      | SC                  | 2,135                         | 15,733     | 6,617  | 72                              | 24,557 |
|      | Total               | 13,473                        | 23,101     | 25,251 | 180                             | 62,005 |
| 2009 | SE                  | 8,789                         | 4,842      | 14,498 | 45                              | 28,174 |
|      | SC                  | 2,008                         | 12,604     | 5,699  | 21                              | 20,332 |
|      | Total               | 10,797                        | 17,446     | 20,197 | 66                              | 48,506 |
| 2010 | SE                  | 7,613                         | 5,368      | 14,740 | 99                              | 27,820 |
|      | SC                  | 2,024                         | 13,219     | 5,591  | 88                              | 20,922 |
|      | Total               | 9,637                         | 18,587     | 20,331 | 187                             | 48,742 |

Note: Data are current as of 05/24/2011.

<sup>a</sup> Species targeted is based on the provision of salmon and/or bottomfish statistical areas.

<sup>b</sup> Region is based on the port of offloading, salmon and bottomfish statistical area.

## Freshwater

In 2006, 46,781 freshwater guided fishing trips were taken, 48,697 were taken in 2007, and 48,501 were taken in 2008, and 37,554 freshwater trips occurred in 2009. In 2010, 37,791 freshwater trips were conducted statewide, 83% of those trips took place in Southcentral, 11% in the Arctic-Yukon-Kuskokwim (AYK) area, and 6% in Southeast (Table 9).

Table 9.—Number of freshwater trips by region, 2006–2010.

| Year | SE    | SC     | AYK   | Total  |
|------|-------|--------|-------|--------|
| 2006 | 3,040 | 39,479 | 4,262 | 46,781 |
| 2007 | 3,241 | 40,557 | 4,899 | 48,697 |
| 2008 | 3,113 | 40,587 | 4,801 | 48,501 |
| 2009 | 2,400 | 31,305 | 3,849 | 37,554 |
| 2010 | 2,459 | 31,267 | 4,065 | 37,791 |

*Note:* Data are current as of 05/24/2011.

<sup>a</sup> Region is based on the area code of the site code listed on each logbook page.

## LOGBOOK TRIP EFFORT AND HARVEST

Statewide saltwater charter trips decreased significantly in 2009 after an increase between 2006 and 2007, and a slight decrease in 2008 (Table 10). Saltwater angler days have steadily decreased from 2006 to 2009 with a very slight increase in 2010 (Table 10). For freshwater guided fishing statewide, the number of trips and angler days fished appeared to remain steady from 2006 to 2008 until 2009 and 2010 when a notable decrease in freshwater trips and angler days occurred (Table 10).

## SALTWATER

In 2010, 82% of the saltwater logbooks that were issued were activated (effort or catch reported). From 2006 through 2010, the saltwater logbook collected information on client residency. Records show that in 2010, 87% of the angler days of effort in the saltwater charter salmon fishery were conducted by nonresident anglers, compared with 10% by residents and 3% by crew, comped anglers or those of unknown residency. Records also indicate that for 2010, 79% of the angler days of effort in the saltwater charter bottomfish fishery were conducted by nonresident anglers, 16% by residents and 5% by crew fishing, comped anglers or those of unknown residency (Tables 11-12).

In 2010 coho and king salmon made up 65% and 14% respectively of the harvest statewide, with the remaining 21% consisting of a combination of other salmon (Table 11).

Based on the number of angler days fished in 2010, 65% of the salmon participation took place in Southeast, and 35% in Southcentral. Within that same period, 40% of the bottomfish participation took place in Southeast, and 60% occurred in Southcentral (Table 12).

Of the bottomfish harvested in 2010, halibut were the most harvested species at 264,467 fish, consisting of 58% of the total bottomfish harvest statewide. Statewide, 19% of the halibut harvest occurred in Southeast and 81% occurred in Southcentral (Table 12). It should be noted that in Southeast, IPHC area 2C, anglers fishing from a charter vessel were limited to one halibut per day, whereas in Southcentral, IPHC area 3A, guided anglers were allowed two halibut per day in 2010.

## FRESHWATER

In 2010, 64% of the freshwater logbooks that were issued were activated. In 2010, 8% of the freshwater participation occurred in Southeast, 84% occurred in Southcentral, and 8% took place in the Alaska-Yukon-Kuskokwim (AYK) or interior Alaska (Table 13).

Angler days of effort in 2010 indicate that 88% of the anglers in the freshwater guided fishery were nonresident anglers, 10% were residents and 2% were crew fishing, comped anglers or those of unknown residency. In Southeast, 94% of the guided/chartered fishing was conducted by nonresident anglers, 88% were nonresidents in Southcentral, and 90% of the anglers in AYK were nonresidents.

In 2010, coho, sockeye and king salmon were the predominant salmon species, making up 50%, 33% and 13% respectively of the harvest statewide, with the remaining 4% consisting of a combination of other fish (Table 13).

Table 10.—Saltwater and freshwater trips and angler days by region, 2006–2010.

| Year | Region | Saltwater <sup>a</sup> |             | Freshwater <sup>b</sup> |             |
|------|--------|------------------------|-------------|-------------------------|-------------|
|      |        | Trips                  | Angler Days | Trips                   | Angler Days |
| 2006 | SE     | 39,088                 | 154,549     | 3,040                   | 11,470      |
| 2006 | SC     | 26,583                 | 175,695     | 39,479                  | 124,931     |
|      | AYK    | 0                      | 0           | 4,262                   | 11,006      |
|      | Total  | 65,671                 | 330,244     | 46,781                  | 147,407     |
| 2007 | SE     | 39,599                 | 158,551     | 3,241                   | 11,610      |
| 2007 | SC     | 27,553                 | 163,964     | 40,557                  | 126,444     |
|      | AYK    | 0                      | 0           | 4,899                   | 12,266      |
|      | Total  | 67,152                 | 322,515     | 48,697                  | 150,320     |
| 2008 | SE     | 37,448                 | 150,789     | 3,113                   | 10,730      |
| 2008 | SC     | 24,557                 | 146,717     | 40,587                  | 126,596     |
|      | AYK    | 0                      | 0           | 4,801                   | 11,833      |
|      | Total  | 62,005                 | 297,506     | 48,501                  | 149,159     |
| 2009 | SE     | 28,174                 | 110,285     | 2,400                   | 8,066       |
| 2009 | SC     | 20,332                 | 119,611     | 31,305                  | 94,387      |
|      | AYK    | 0                      | 0           | 3,849                   | 8,909       |
|      | Total  | 48,506                 | 229,896     | 37,554                  | 111,362     |
| 2010 | SE     | 27,820                 | 110,911     | 2,459                   | 8,913       |
| 2010 | SC     | 20,922                 | 135,143     | 31,267                  | 94,910      |
|      | AYK    | 0                      | 0           | 4,065                   | 9,416       |
|      | Total  | 48,742                 | 246,054     | 37,791                  | 113,239     |

Note: Data are current as of 05/24/2011.

<sup>a</sup> Saltwater region is based on the port of offloading, salmon and bottomfish statistical area.

<sup>b</sup> Freshwater region is based on the area code of the site code listed on each logbook page.

Table 11.—Saltwater salmon effort and harvest by region and angler type, 2010.

| Region <sup>a</sup> | Type of Angler | Angler Days <sup>b</sup> | King salmon |       | Coho    | Sockeye | Other Salmon |
|---------------------|----------------|--------------------------|-------------|-------|---------|---------|--------------|
|                     |                |                          | Large       | Small |         |         |              |
| SE                  | Resident       | 1,937                    | 936         | 18    | 1,544   | 5       | 411          |
|                     | Nonresident    | 87,025                   | 25,579      | 767   | 94,346  | 729     | 42,705       |
|                     | Comped         | 444                      | 160         | 6     | 396     | 1       | 164          |
|                     | Crew           | 571                      | 39          | 1     | 235     | 0       | 94           |
|                     | Unknown        | 316                      | 44          | 3     | 335     | 2       | 144          |
|                     | Total          | 90,293                   | 26,758      | 795   | 96,856  | 737     | 43,518       |
| SC                  | Resident       | 11,781                   | 911         | 232   | 14,145  | 177     | 905          |
|                     | Nonresident    | 34,035                   | 3,407       | 833   | 46,311  | 968     | 4,507        |
|                     | Comped         | 541                      | 45          | 12    | 521     | 54      | 22           |
|                     | Crew           | 3,028                    | 151         | 34    | 1,656   | 27      | 98           |
|                     | Unknown        | 258                      | 11          | 6     | 350     | 10      | 22           |
|                     | Total          | 49,643                   | 4,525       | 1,117 | 62,983  | 1,236   | 5,554        |
| Total               | Resident       | 13,718                   | 1,847       | 250   | 15,689  | 182     | 1,316        |
|                     | Nonresident    | 121,060                  | 28,986      | 1,600 | 140,657 | 1,697   | 47,212       |
|                     | Comped         | 985                      | 205         | 18    | 917     | 55      | 186          |
|                     | Crew           | 3,599                    | 190         | 35    | 1,891   | 27      | 192          |
|                     | Unknown        | 574                      | 55          | 9     | 685     | 12      | 166          |
|                     | Total          | 139,936                  | 31,283      | 1,912 | 159,839 | 1,973   | 49,072       |

Note: Data are current as of 05/24/2011.

<sup>a</sup> Region is based on the port of offloading, salmon and bottomfish statistical area.

<sup>b</sup> Angler days totals all anglers who fished on a day when a salmon statistical area was entered, plus angler days where an angler harvested a salmon when a bottomfish statistical area was provided.

Table 12.—Saltwater bottomfish effort and harvest by region and angler type, 2010.

| Region <sup>a</sup> | Type of Angler | Angler Days <sup>b</sup> | Halibut | LingCod | Rockfish |           |             | Sablefish | Shark |
|---------------------|----------------|--------------------------|---------|---------|----------|-----------|-------------|-----------|-------|
|                     |                |                          |         |         | Pelagic  | Yelloweye | Non-Pelagic |           |       |
| SE                  | Resident       | 1,900                    | 1,185   | 276     | 1,090    | 308       | 447         | 12        | 0     |
|                     | Nonresident    | 81,971                   | 49,396  | 4,342   | 57,852   | 14,473    | 20,101      | 3,894     | 8     |
|                     | Comped         | 513                      | 286     | 53      | 265      | 101       | 117         | 10        | 0     |
|                     | Crew           | 591                      | 86      | 8       | 231      | 28        | 36          | 8         | 0     |
|                     | Unknown        | 244                      | 127     | 8       | 102      | 27        | 57          | 3         | 0     |
|                     | Total          | 85,219                   | 51,080  | 4,687   | 59,540   | 14,937    | 20,758      | 3,927     | 8     |
| SC                  | Resident       | 31,473                   | 54,170  | 3,639   | 11,949   | 2,829     | 2,155       | 21        | 8     |
|                     | Nonresident    | 85,528                   | 143,959 | 9,902   | 37,418   | 6,729     | 7,025       | 123       | 10    |
|                     | Comped         | 1,373                    | 2,171   | 184     | 703      | 134       | 118         | 5         | 1     |
|                     | Crew           | 8,429                    | 12,361  | 526     | 2,005    | 410       | 361         | 4         | 0     |
|                     | Unknown        | 458                      | 726     | 83      | 235      | 53        | 50          | 0         | 0     |
|                     | Total          | 127,261                  | 213,387 | 14,334  | 52,310   | 10,155    | 9,709       | 153       | 19    |
| Total               | Resident       | 33,373                   | 55,355  | 3,915   | 13,039   | 3,137     | 2,602       | 33        | 8     |
|                     | Nonresident    | 167,499                  | 193,355 | 14,244  | 95,270   | 21,202    | 27,126      | 4,017     | 18    |
|                     | Comped         | 1,886                    | 2,457   | 237     | 968      | 235       | 235         | 15        | 1     |
|                     | Crew           | 9,020                    | 12,447  | 534     | 2,236    | 438       | 397         | 12        | 0     |
|                     | Unknown        | 702                      | 853     | 91      | 337      | 80        | 107         | 3         | 0     |
|                     | Total          | 212,480                  | 264,467 | 19,021  | 111,850  | 25,092    | 30,467      | 4,080     | 27    |

Note: Data are current as of 05/24/2011.

<sup>a</sup> Region is based on the port of offloading, bottomfish and salmon statistical area.

<sup>b</sup> Angler days totals all anglers who fished on a day when a bottomfish statistical area was entered, plus angler days where an angler harvested a bottomfish when a salmon statistical area was provided.

Table 13.–Freshwater effort and harvest by species, region and angler type, 2010.

| Region <sup>a</sup> | Type of Angler | Angler Days | King   | Coho   | Sockeye | Cutthroat | Rainbow | Steelhead | Lake Trout | Grayling | Dolly Varden | Pike | Sheefish |
|---------------------|----------------|-------------|--------|--------|---------|-----------|---------|-----------|------------|----------|--------------|------|----------|
| SE                  | Resident       | 316         | 0      | 323    | 28      | 0         | 1       | 3         | 0          | 0        | 12           | 0    | 0        |
|                     | Nonresident    | 8,358       | 35     | 6,710  | 1,143   | 13        | 5       | 1         | 0          | 0        | 211          | 0    | 0        |
|                     | Comped         | 41          | 1      | 84     | 3       | 0         | 0       | 0         | 0          | 0        | 0            | 0    | 0        |
|                     | Crew           | 126         | 7      | 70     | 69      | 0         | 0       | 0         | 0          | 0        | 2            | 0    | 0        |
|                     | Unknown        | 72          | 0      | 51     | 7       | 0         | 0       | 0         | 0          | 0        | 0            | 0    | 0        |
|                     | Total          | 8,913       | 43     | 7,238  | 1,250   | 13        | 6       | 4         | 0          | 0        | 225          | 0    | 0        |
| SC                  | Resident       | 9,628       | 1,437  | 3,286  | 1,847   | 0         | 35      | 0         | 3          | 15       | 82           | 1    | 0        |
|                     | Nonresident    | 83,332      | 8,950  | 34,223 | 26,746  | 1         | 316     | 7         | 86         | 193      | 1218         | 264  | 0        |
|                     | Comped         | 359         | 48     | 110    | 65      | 0         | 0       | 0         | 1          | 0        | 7            | 0    | 0        |
|                     | Crew           | 777         | 24     | 293    | 221     | 0         | 2       | 2         | 3          | 4        | 16           | 0    | 0        |
|                     | Unknown        | 814         | 97     | 173    | 267     | 0         | 6       | 0         | 0          | 19       | 19           | 0    | 0        |
|                     | Total          | 94,910      | 10,556 | 38,085 | 29,146  | 1         | 359     | 9         | 93         | 231      | 1,342        | 265  | 0        |
| AYK                 | Resident       | 785         | 308    | 72     | 118     | 0         | 1       | 0         | 0          | 40       | 85           | 75   | 7        |
|                     | Nonresident    | 8,464       | 974    | 2,043  | 523     | 0         | 17      | 0         | 1          | 185      | 628          | 100  | 55       |
|                     | Comped         | 14          | 2      | 5      | 0       | 0         | 0       | 0         | 0          | 0        | 1            | 0    | 0        |
|                     | Crew           | 83          | 0      | 2      | 11      | 0         | 0       | 0         | 0          | 0        | 10           | 1    | 3        |
|                     | Unknown        | 70          | 11     | 30     | 16      | 0         | 0       | 0         | 0          | 1        | 0            | 0    | 0        |
|                     | Total          | 9,416       | 1,295  | 2,152  | 668     | 0         | 18      | 0         | 1          | 226      | 724          | 176  | 65       |
| Total               | Resident       | 10,729      | 1,745  | 3,681  | 1,993   | 0         | 37      | 3         | 3          | 55       | 179          | 76   | 7        |
|                     | Nonresident    | 100,154     | 9,959  | 42,976 | 28,412  | 14        | 338     | 8         | 87         | 378      | 2,057        | 364  | 55       |
|                     | Comped         | 414         | 51     | 199    | 68      | 0         | 0       | 0         | 1          | 0        | 8            | 0    | 0        |
|                     | Crew           | 986         | 31     | 365    | 301     | 0         | 2       | 2         | 3          | 4        | 28           | 1    | 3        |
|                     | Unknown        | 956         | 108    | 254    | 290     | 0         | 6       | 0         | 0          | 20       | 19           | 0    | 0        |
|                     | Total          | 113,239     | 11,894 | 47,475 | 31,064  | 14        | 383     | 13        | 94         | 457      | 2,291        | 441  | 65       |

Note: Data are current as of 05/24/11.

<sup>a</sup> Region is based on the area code of the site code listed on each logbook page.

## **DISCUSSION**

### **GUIDE AND BUSINESS LICENSING**

The 2006 through 2010 ADF&G guide and business licensing process differed from the registration process prior to 2005 in terms of the approach used, fees, and the information collected on license applications. The current licensing approach reflects changes made in 2005 to initiate the new minimum requirements established by HB 452. Guides and businesses offering guided fishing services are now held to a higher standard of compliance than previous to 2005. Violations of the guide licensing statutes or regulations adopted under HB 452 are either violations or misdemeanors, and courts are authorized to revoke the license of the guide or business under certain conditions, such as repeated convictions within a three-year period.

ADF&G no longer collects the information collected in earlier years on the type (saltwater vs. freshwater) and location (regions/subareas) of services. The 2006-2010 licensing processes have been similar and provide a basis for establishing a long-term database of licensed businesses and guides. Charter/guide business and guide licensing still reflects the intent to operate, while actual activity is confirmed by the submission of logbook trip data.

### **LOGBOOKS**

ADF&G initiated a mandatory saltwater charter logbook program in 1998. The BOF adopted regulations requiring annual registration of sport fishing guides and businesses, and logbook reporting. The logbook and registration/licensing program was intended to provide information on actual participation and harvest by individual vessels and businesses.

Recent emphasis from ADF&G management staff and NPFMC on more timely saltwater data spurred discussions on how to hasten logbook data availability. Up until 2010, logbook data entry involved collecting logbook sheets from the guide, entering the logbook data into a logbook database, and editing the data. This process could take RTS from six to eight weeks. Discussions included the possibility of an electronic submission option that would provide data to ADF&G and NPFMC staff in a more timely manner. Any option for a logbook change would have to include a design that is appealing and easy for the guide industry to use, such that they would perceive it as beneficial to a process that they already consider “burdensome.” Electronic reporting options were, at first, appealing to fulfill both management needs and halibut management needs for more timely information. Further discussions concluded that electronic reporting would still necessitate the use of a paper version of the logbook due to enforcement and trip recording requirements. Data would still need to be verified for errors, be entered accurately into a database, and be available for onsite inspection. There are currently no options for going “paperless”, and no perceived benefit to managers or the industry that would result from the process. The “paperless” approach would require a change in regulation for reporting requirements along with extensive research into the cost of electronic reporting. The discussion for going “paperless” will continue however.

Upon further discussion and research, an alternative approach was considered. In 2009, ADF&G programmers researched the option of developing a system that would electronically scan the image of a redesigned logbook data page. Scanned images would minimize data entry time but allow for data entry personnel to fix images flagged as unrecognizable, thus maintaining data accuracy and quality. This option is not any more “burdensome” to the industry and would

likely make the weekly reporting requirement more palatable knowing that the data would be more immediately available.

In 2010, the saltwater logbook data page design change incorporated the ability to use the new scanning software. Due to first year design “glitches” and software troubleshooting, the 2010 saltwater data was not available in as timely a manner as originally hoped. A program review with office assistants and discussions with the project analyst programmer resulted in adjustments to the design format and software to be implemented for 2011.

For 2011, ADF&G and National Marine Fisheries Service (NMFS) will be working collaboratively to modify the logbook requirements associated with the federal Charter Halibut Program (CHP), a program that establishes limited access to the guided halibut fishery.

Preliminary results from verification studies comparing the accuracy of logbook harvest data with the statewide harvest survey estimates, and onsite creel programs are favorable. Logbook data will continue to be compared to counts from those two programs. Comparisons are ongoing and are part of a more comprehensive evaluation of logbook data quality. Logbook halibut data has been used extensively. Saltwater and freshwater logbook data have also been used for a variety of regulatory analyses for state managed species.

## **ACKNOWLEDGEMENTS**

Southeast and Southcentral regional and area staff, especially numerous front counter personnel, have been critical to the success of the ADF&G sport fishing guide and business licensing and logbook program. The above staff along with Bob Chadwick and Mike Jaenicke from Southeast, Scott Meyer, Matt Miller and Tom Vania from Southcentral, and Tom Taube from Fairbanks have also provided valuable comments during the process of licensing and logbook form design.

Doug Vincent-Lang continued to provide valuable insight on the history of the program and facilitated numerous discussions with NOAA and IPHC. Bob Clark’s thoughtful insight and direction has been very much appreciated. We also acknowledge the expertise and infinite patience exhibited by Joanne MacClellan in preparing this report. Her knowledge and willingness to assist is invaluable.

Kirk Brogdon of the division's Research and Technical Services section deserves considerable credit for designing and implementing efficient information management systems for data capture, cleaning, storage, and reporting.

Kathy Kush should be acknowledged for her incredible skills in streamlining the licensing process and making sure that all license applications are processed in a timely manner that has allowed the guides and businesses to start operation without delay.

Margaret Nussbaum, Diane Novinska, Raili Kedzior, and Andrea Hamby deserve credit for receiving, editing, scanning, entering, and filing the licensing and logbooks forms. With their perseverance, we met reporting deadlines that seemed nearly impossible with available staffing and workloads.

We also acknowledge the cooperation of the thousands of sport fishing guides and sport fishing businesses that licensed and completed their logbooks in a timely and compliant manner.

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**APPENDIX A**  
**SPORT FISH BUSINESS OWNER/GUIDE LICENSE**  
**APPLICATION**



## 2010 SPORT FISH BUSINESS OWNER/ GUIDE LICENSE APPLICATION

Alaska Department of Fish and Game / Division of Sport Fish - RTS  
333 Raspberry Road, Anchorage, Alaska 99518-1565  
Telephone: (907) 267-2369 or (907) 267-2390  
<http://www.sf.adfg.state.ak.us/statewide/Guides/guide.cfm>

License # \_\_\_\_\_

This TEMPORARY LICENSE is good for 21 business days from date signed by Dept. Representative

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                    |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|
| <p><b>FEES CHECK ONE:</b><br/><u>All fees are nonrefundable</u></p> <p><input type="checkbox"/> \$50.00 Guide Only License</p> <p><input type="checkbox"/> \$100.00 Business Only License</p> <p><input type="checkbox"/> \$100.00 Combined Business/Guide License*<br/><small>*An agent for this business cannot apply as a guide on a combination license</small></p> <p><input type="checkbox"/> \$50.00 Guide Only Upgrade to Combination Business/Guide License</p> | <p><b>METHOD OF PAYMENT:</b></p> <p><input type="checkbox"/> Check #: _____<br/><small>Make checks payable to "State of Alaska"</small></p> <p><input type="checkbox"/> Money Order #: _____</p> <p><input type="checkbox"/> Cash (Anchorage, Juneau, Fairbanks offices <u>ONLY</u>)</p> <p><input type="checkbox"/> Credit Card (Anchorage, Juneau, Fairbanks offices <u>ONLY</u>)</p> | <p><i>APPLICATION<br/>MUST BE<br/>STAMPED BY<br/>ADF&amp;G TO BE<br/>VALID</i></p> |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|

### INSTRUCTIONS TO COMPLETE FORM ON REVERSE

#### SECTION A. ALL APPLICANTS COMPLETE THIS SECTION

Name of Business Owner or Guide: \_\_\_\_\_  
Last First Mi

Permanent Mailing Address : \_\_\_\_\_  
PO Box or Street Address City State Zip

Telephone Number: ( ) \_\_\_\_\_ In season Telephone Number: ( ) \_\_\_\_\_

Mail License Here (if different than above): \_\_\_\_\_  
PO Box or Street Address City State Zip

#### SECTION B. TO BE FILLED OUT BY THE BUSINESS OWNER OR THEIR AGENT

**BUSINESS INFORMATION:**

Name of Business: \_\_\_\_\_

Name of Business Owner: \_\_\_\_\_

Alaska Div. of Occupational Business License Number: \_\_\_\_\_ Expiration Date: Mo/Date/Yr

**INSURANCE:** *See detailed insurance requirements on back.*

Name of Insurance Company: \_\_\_\_\_

Policy/Binder #: \_\_\_\_\_ Effective Dates: From: \_\_\_\_\_ To: \_\_\_\_\_

*\*Remember to get a logbook for your business at the nearest ADF&G office prior to commencement of guiding activities.\**

#### SECTION C. TO BE FILLED OUT BY GUIDE OR THEIR AGENT

Are you a citizen of the United States, Canada, Mexico or resident alien? Yes ☐ No ☐

Basic First Aid Information: Certifying agency: \_\_\_\_\_ Exp. Date: Mo / Yr

2010 Alaska Sport Fishing License # (not your Guide License #): \_\_\_\_\_ Date of Birth: Mo/Date/Yr

**U.S. COAST GUARD OPERATOR'S LICENSE:** *(See explanation on back)*

Do you plan to operate a motorized vessel in Navigable Waters? Yes ☐ No ☐ **If yes, complete the next line.**

U.S.C.G. License # or Merchant Mariner Credential Doc #: \_\_\_\_\_ Exp. Date: Mo/Date/Yr

#### SIGNATURE OF BUSINESS OWNER/AGENT or GUIDE:

I hereby certify that all information is true and correct and that I understand this information is subject to public disclosure. (NOTE: Making a false statement or omitting a material fact, is subject to a maximum penalty of \$10,000 or 1 year imprisonment, or both, per AS 11.56.210.)

X \_\_\_\_\_ Circle one: Applicant or Agent Date: \_\_\_\_\_

This temporary license must be signed and stamped by an ADF&G employee and in your possession before guiding activities begin.

Name of ADF&G Representative (print): \_\_\_\_\_ Place of Issue: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

COPY TO APPLICANT

Appendix A1.—Sport fish business owner/guide license application, 2010.

-continued-



## INSTRUCTIONS FOR THE 2010 SPORT FISH BUSINESS OWNER/ GUIDE LICENSE APPLICATION

**Attention:** *The following will apply without exception:*

1. All applicable sections of the license application must be complete and legible prior to ADF&G validation. No “pending”, “unknowns,” or blanks will be accepted.
2. Incomplete license applications will be returned resulting in a processing delay.
3. A signature is required.
4. This is a license application only. A permanent license will be mailed within 21 business days.
5. There may be requirements by other state and federal agencies to operate as a guide in Alaska.

### **INSTRUCTIONS:**

**SECTION A:** ALL applicants must complete this section.

**SECTION B: BUSINESS OWNER OR THEIR AGENT:** Complete this section if you are the owner/agent of the sport fishing business. This section should be filled out even if the owner does not intend to personally guide clients. An agent for this business **CANNOT** apply as a guide on the same application. A separate license application must be submitted.

**LIABILITY INSURANCE REQUIREMENT:** General liability or marine protection that covers at least \$100,000 for each incident and \$300,000 for all incidents in a year. Insurance must cover **ALL** periods of time when the owner or owner’s employees are providing sport fishing services to clients. Insurance must be current, **NOT** pending.

#### **IMPORTANT NOTICE TO BUSINESS OWNERS**

State regulation (5 AAC 75.075) requires that all operators providing sport fishing guide services in Alaska must apply annually for a license with the Department of Fish and Game **before** guiding services begin. Business owners are required to register all charter vessels with ADF&G and acquire a logbook prior to commencement of guiding activities. ***Guides hired by an operator must keep a copy of the ADF&G business license in their possession while guiding.***

**SECTION C: GUIDES:** Complete this section if you intend to guide for a sport fish operation owned by someone other than you or if you are the business owner who also intends to guide (owner/operator).

**U.S. COAST GUARD OPERATOR’S LICENSE:** A licensed sport fish guide **must** have, at minimum, a Limited OUPV for Western Waters in Alaska or 6-pak U.S.C.G. operator’s license in their possession while operating a motorized vessel with clients or transporting clients in a motorized vessel on navigable waters. Navigable waters are determined by the U.S. Coast Guard (907) 271-6736.

**Note:** Effective April 20, 2009 the U.S.C.G. began issuing the Merchant Mariner Credentials (MMC). Applicants must provide the U.S.C.G. license number, expiration date and date of birth (DOB).

#### **IMPORTANT NOTICE TO GUIDES**

State regulation (5 AAC 75.075) requires that all licensed guides providing sport fishing guide services in Alaska must apply annually for a license with the Department of Fish and Game **before** guiding activities begin.

#### **WHAT A GUIDE MUST HAVE IN POSSESSION WHILE GUIDING**

A sport fish business owner or guide should be able to present all documents required for licensing upon request by a representative of the department of fish and game, or any peace officer of the state. While engaged in providing sport fishing guide services, a sport fishing guide shall have the following readily available for inspection:

- A current sport fishing guide license;
- A copy of the current ADF&G sport fishing business license of the guide’s employer;
- A current Alaska sport fishing license, tags, stamps or permits that are required to engage in the sport fishery for which the guide services are providing;
- An identification card issued to the sport fishing guide by a state or federal agency that bears a photo of the sport fishing guide.



**APPENDIX B**  
**SALTWATER LOGBOOK FORM**



**State of Alaska  
Department of Fish & Game  
Division of Sport Fish**

**2010 Saltwater Charter Logbook and Vessel Registration**

*Vessel*

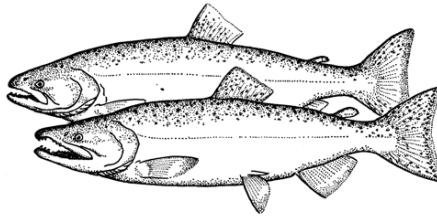
*Name:* \_\_\_\_\_

*Vessel AK. #*

*or*

*U.S.C.G. # :* \_\_\_\_\_

*THIS LOGBOOK MUST REMAIN WITH THIS VESSEL*



**Please follow the INSTRUCTIONS carefully as they have changed**

**LOGBOOK INSPECTION**

**Upon request from any representative of the Department or any peace officer of the state, a person is required to present this *Alaska Department of Fish and Game Saltwater Sportfishing Charter Vessel Logbook* for inspection.**

Appendix B1.–Saltwater charter logbook form, 2010.

-continued-



Alaska Department of Fish & Game

## 2010 Saltwater Sport Fishing Charter Trip Logbook Page

RETURN TO: 333 RASPBERRY ROAD, ANCHORAGE, ALASKA 99518-1565 • QUESTIONS: CALL (907) 267-2369

100001 -

LOGBOOK PAGE

| TRIP INFORMATION                                                                                                                   |                                                   |                      |
|------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|----------------------|
| <p>➔ Complete this section for every trip. Continue on additional pages for trips with more than six anglers in the same trip.</p> |                                                   |                      |
| <p>➔ DATE FISHED: _____ / _____ / 2010 _____ AM _____ PM<br/>Month Day Hour Started</p>                                            |                                                   |                      |
| <p>➔ 2010 GUIDE LICENSE #: _____<br/>(assigned to you by ADF&amp;G)</p>                                                            |                                                   |                      |
| <p>➔ COMMUNITY OR PORT WHERE TRIP BEGAN: _____<br/>(where clients boarded the vessel)</p>                                          |                                                   |                      |
| <p>➔ COMMUNITY OR PORT WHERE TRIP ENDED: _____<br/>(where fish or clients were off-loaded from vessel)</p>                         |                                                   |                      |
| Targeted Species                                                                                                                   | Primary Stat. Area<br>Where most fish were caught | Boat Hours<br>Fished |
| Salmon:                                                                                                                            | _____                                             | _____                |
| Bottomfish:                                                                                                                        | _____                                             | _____                |

| INDIVIDUAL ANGLER AND CATCH INFORMATION                                                                                                                                                                                                             |       |      |                               |                |                                        |                     |      |         |                 |         |         |                     |                       |                                               |                          |                 |                   |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|------|-------------------------------|----------------|----------------------------------------|---------------------|------|---------|-----------------|---------|---------|---------------------|-----------------------|-----------------------------------------------|--------------------------|-----------------|-------------------|
| Complete one row below for <u>each</u> angler who fished this trip.<br>Record sport fishing license number, printed name <u>AND</u> Alaska residency status for all anglers.<br>Write "YOUTH" in license number field for anglers <u>under 16</u> . |       |      | AK Resident<br>Non - Resident | Comped<br>Crew | Kept / Released<br>King (28" & larger) | King<br>(under 28") | Coho | Sockeye | Other<br>Salmon | Hailbut | Lingcod | Pelagic<br>Rockfish | Yelloweye<br>Rockfish | Nonpelagic<br>Rockfish<br>(excluding lingcod) | Sablefish<br>(Black Cod) | Salmon<br>Shark | All Other<br>Fish |
|                                                                                                                                                                                                                                                     |       |      |                               |                |                                        |                     |      |         |                 |         |         |                     |                       |                                               |                          |                 |                   |
| 1. _____<br>License Number                                                                                                                                                                                                                          | ____  | ____ | ____                          | ____           | ____                                   | ____                | ____ | ____    | ____            | ____    | ____    | ____                | ____                  | ____                                          | ____                     | ____            | ____              |
| First / Last Name                                                                                                                                                                                                                                   | _____ |      |                               |                |                                        |                     |      |         |                 |         |         |                     |                       |                                               |                          |                 |                   |
| Signature                                                                                                                                                                                                                                           | _____ |      |                               |                |                                        |                     |      |         |                 |         |         |                     |                       |                                               |                          |                 |                   |
| 2. _____<br>License Number                                                                                                                                                                                                                          | ____  | ____ | ____                          | ____           | ____                                   | ____                | ____ | ____    | ____            | ____    | ____    | ____                | ____                  | ____                                          | ____                     | ____            | ____              |
| First / Last Name                                                                                                                                                                                                                                   | _____ |      |                               |                |                                        |                     |      |         |                 |         |         |                     |                       |                                               |                          |                 |                   |
| Signature                                                                                                                                                                                                                                           | _____ |      |                               |                |                                        |                     |      |         |                 |         |         |                     |                       |                                               |                          |                 |                   |
| 3. _____<br>License Number                                                                                                                                                                                                                          | ____  | ____ | ____                          | ____           | ____                                   | ____                | ____ | ____    | ____            | ____    | ____    | ____                | ____                  | ____                                          | ____                     | ____            | ____              |
| First / Last Name                                                                                                                                                                                                                                   | _____ |      |                               |                |                                        |                     |      |         |                 |         |         |                     |                       |                                               |                          |                 |                   |
| Signature                                                                                                                                                                                                                                           | _____ |      |                               |                |                                        |                     |      |         |                 |         |         |                     |                       |                                               |                          |                 |                   |
| 4. _____<br>License Number                                                                                                                                                                                                                          | ____  | ____ | ____                          | ____           | ____                                   | ____                | ____ | ____    | ____            | ____    | ____    | ____                | ____                  | ____                                          | ____                     | ____            | ____              |
| First / Last Name                                                                                                                                                                                                                                   | _____ |      |                               |                |                                        |                     |      |         |                 |         |         |                     |                       |                                               |                          |                 |                   |
| Signature                                                                                                                                                                                                                                           | _____ |      |                               |                |                                        |                     |      |         |                 |         |         |                     |                       |                                               |                          |                 |                   |
| 5. _____<br>License Number                                                                                                                                                                                                                          | ____  | ____ | ____                          | ____           | ____                                   | ____                | ____ | ____    | ____            | ____    | ____    | ____                | ____                  | ____                                          | ____                     | ____            | ____              |
| First / Last Name                                                                                                                                                                                                                                   | _____ |      |                               |                |                                        |                     |      |         |                 |         |         |                     |                       |                                               |                          |                 |                   |
| Signature                                                                                                                                                                                                                                           | _____ |      |                               |                |                                        |                     |      |         |                 |         |         |                     |                       |                                               |                          |                 |                   |
| 6. _____<br>License Number                                                                                                                                                                                                                          | ____  | ____ | ____                          | ____           | ____                                   | ____                | ____ | ____    | ____            | ____    | ____    | ____                | ____                  | ____                                          | ____                     | ____            | ____              |
| First / Last Name                                                                                                                                                                                                                                   | _____ |      |                               |                |                                        |                     |      |         |                 |         |         |                     |                       |                                               |                          |                 |                   |
| Signature                                                                                                                                                                                                                                           | _____ |      |                               |                |                                        |                     |      |         |                 |         |         |                     |                       |                                               |                          |                 |                   |
| <p><b>Certification:</b> I certify that the information provided herein is accurate and true. Falsification or omission of information on this form is punishable under AS 11.56.210(a) and 5 AAC 75.076</p>                                        |       |      |                               |                |                                        |                     |      |         |                 |         |         |                     |                       |                                               |                          |                 |                   |
| <p>X _____ GUIDE SIGNATURE</p>                                                                                                                                                                                                                      |       |      |                               |                |                                        |                     |      |         |                 |         |         |                     |                       |                                               |                          |                 |                   |
| <p>PAGE _____ OF _____</p>                                                                                                                                                                                                                          |       |      |                               |                |                                        |                     |      |         |                 |         |         |                     |                       |                                               |                          |                 |                   |

Form 11-540 (01-2010)



**APPENDIX C**  
**FRESHWATER LOGBOOK FORMS**

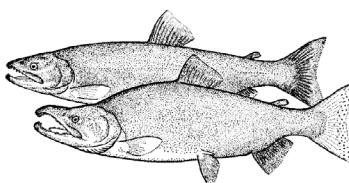


# 2010 Freshwater Sport Fish Guide Logbook and Vessel Registration

LOGBOOK NO.

BUSINESS NAME

ADF&G BUSINESS OWNER'S LICENSE NO.



*Please follow the instructions carefully  
as they have changed.*



State of Alaska Department of Fish & Game  
Division of Sport Fish

## LOGBOOK INSPECTION

*Upon request from any representative  
of the Department or any peace officer of the state,  
a person is required to present this Alaska Department  
of Fish and Game Freshwater Sport Fishing  
Guide Logbook for inspection.*



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Appendix C1.–Freshwater guide logbook from, 2010.

-continued-



Alaska Department of Fish & Game

## 2010 Freshwater Sport Fish Trip Logbook

RETURN TO: 333 RASPBERRY ROAD, ANCHORAGE, AK 99518-1565 • QUESTIONS: (907) 267-2369

LOGBOOK NO. \_\_\_\_\_

| TRIP INFORMATION                                         | Angler Residency<br><small>Circle One</small> |                          | Sport Fish License Number of each Client, Nonpaying angler, and Crew <u>THAT FISHED</u><br>AND<br>Record all those anglers under 16 as "Youth Angler" (YA1, YA2etc.) | <small>Circle One if applicable</small> |                  | SALMON           |                      |      | TROUT |         |           |         | OTHER     |            |              |                 |               |           |   |
|----------------------------------------------------------|-----------------------------------------------|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|------------------|------------------|----------------------|------|-------|---------|-----------|---------|-----------|------------|--------------|-----------------|---------------|-----------|---|
|                                                          | Resident<br><i>R</i>                          | Non-Resident<br><i>N</i> |                                                                                                                                                                      | Comped<br><i>C</i>                      | Crew<br><i>C</i> | KEPT<br><i>K</i> | RELEASED<br><i>R</i> | KING | COHO  | SOCKEYE | CUTTHROAT | RAINBOW | STEELHEAD | LAKE TROUT | DOLLY VARDEN | ARCTIC GRAYLING | NORTHERN PIKE | SHEEPSKIN | * |
|                                                          |                                               |                          |                                                                                                                                                                      |                                         |                  |                  |                      |      |       |         |           |         |           |            |              |                 |               |           |   |
| 2010 ADF&G GUIDE LICENSE #: _____                        | <i>R</i>                                      | <i>N</i>                 |                                                                                                                                                                      | <i>X</i>                                | <i>C</i>         | <i>K</i>         |                      |      |       |         | KEPT      |         |           |            |              |                 |               |           |   |
| DATE FISHED: _____ 2010<br><small>(Month) (Day)</small>  | <i>R</i>                                      | <i>N</i>                 |                                                                                                                                                                      | <i>X</i>                                | <i>C</i>         | <i>K</i>         |                      |      |       |         | RELEASED  |         |           |            |              |                 |               |           |   |
| RIVER / STREAM / LAKE (SPECIFY) _____                    | <i>R</i>                                      | <i>N</i>                 |                                                                                                                                                                      | <i>X</i>                                | <i>C</i>         | <i>K</i>         |                      |      |       |         | KEPT      |         |           |            |              |                 |               |           |   |
|                                                          | <i>R</i>                                      | <i>N</i>                 |                                                                                                                                                                      | <i>X</i>                                | <i>C</i>         | <i>K</i>         |                      |      |       |         | RELEASED  |         |           |            |              |                 |               |           |   |
| SITE CODE <small>(REFER TO SITE CODE LIST)</small> _____ | <i>R</i>                                      | <i>N</i>                 |                                                                                                                                                                      | <i>X</i>                                | <i>C</i>         | <i>K</i>         |                      |      |       |         | KEPT      |         |           |            |              |                 |               |           |   |
|                                                          | <i>R</i>                                      | <i>N</i>                 |                                                                                                                                                                      | <i>X</i>                                | <i>C</i>         | <i>K</i>         |                      |      |       |         | RELEASED  |         |           |            |              |                 |               |           |   |
| PAGE NO. _____ OF _____                                  | <i>R</i>                                      | <i>N</i>                 |                                                                                                                                                                      | <i>X</i>                                | <i>C</i>         | <i>K</i>         |                      |      |       |         | KEPT      |         |           |            |              |                 |               |           |   |
| TOTAL NO. OF PAGES FOR THIS TRIP $\uparrow$ _____        | <i>R</i>                                      | <i>N</i>                 |                                                                                                                                                                      | <i>X</i>                                | <i>C</i>         | <i>K</i>         |                      |      |       |         | RELEASED  |         |           |            |              |                 |               |           |   |
|                                                          | <i>R</i>                                      | <i>N</i>                 |                                                                                                                                                                      | <i>X</i>                                | <i>C</i>         | <i>K</i>         |                      |      |       |         | KEPT      |         |           |            |              |                 |               |           |   |
| * WRITE IN OTHER SPECIES HERE _____                      | <i>R</i>                                      | <i>N</i>                 |                                                                                                                                                                      | <i>X</i>                                | <i>C</i>         | <i>K</i>         |                      |      |       |         | RELEASED  |         |           |            |              |                 |               |           |   |

CERTIFICATION: I certify that the information provided herein is accurate and true. Falsification or omission of information on this form is punishable under AS 11.56.210(a) and 5 AAC 75.076.

**X**

GUIDE SIGNATURE

CONTINUE ON NEXT PAGE IF MORE THAN 6 ANGLERS.  
CHECK IF TRIP INFORMATION IS CONTINUED ON NEXT PAGE: ☐



**APPENDIX D**  
**VESSEL REGISTRATION FORMS, DECALS AND TAGS**



## **INSTRUCTIONS FOR ADF&G REPRESENTATIVE:**

Please forward the **white** copy of this form to: **Sport Fish RTS, 333 Raspberry Rd., Anchorage, AK 99518-1565.**

**DO NOT REMOVE THE PINK COPY. THE PINK COPY MUST STAY IN THE LOGBOOK.**

**DO NOT ISSUE A LOGBOOK UNLESS THE APPLICANT HAS THE FOLLOWING:**

- ☐ 2010 ADF&G Sport Fish Business License
- ☐ Current AK Vessel Number issued by DMV or Current U.S.C.G. Vessel Documentation No.

**NONE OF THE ABOVE CAN BE "PENDING"**

2010 ADF&G Sport Fish Business Owner and Guide License applications are available at all ADF&G offices or online at: <http://www.admin.adfg.state.ak.us/license/>

AK Vessel Registration information is available from Alaska Div. of Motor Vehicles at (907) 269-5551 or online at: <http://www.doa.alaska.gov/dmv/reg/boat.htm>

### **2010 Saltwater Sport Fish Charter Logbook Sign-Out AND Vessel Registration** *Must be completed*

#### **SPORT FISH BUSINESS INFORMATION:**

Name of Sport Fishing Business: \_\_\_\_\_

Sport Fish Business Owner License Number (ADF&G #): 2010- \_\_\_\_\_

#### **SPORT FISHING CHARTER VESSEL REGISTRATION:**

☐ DMV issued AK No. or Vessel U.S.C.G. Documentation No.:  
No. : \_\_\_\_\_ *(A logbook WILL NOT be issued without a current AK or U.S.C.G. number)*

☐ Vessel Name: \_\_\_\_\_  
*(Vessel name and AK No. or U.S.C.G. # must appear on the cover)*

☐ Primary Alaska Saltwater port from which this vessel will operate during 2010:

\_\_\_\_\_

☐ Will you be fishing both 2C and 3A? (See map on pg. vii) YES ☐ NO ☐  
*If YES, you must complete a logbook page for each IPHC area fished during a trip. See instructions on page vi.*

#### **DEPARTMENT USE ONLY**

☐ **Did you issue a Stat. Area Map?** YES ☐ NO ☐ If No, Explain:

☐ **ADF&G Representative:** *(print)* \_\_\_\_\_

☐ **Area Office:** \_\_\_\_\_ **Date of Issue:** \_\_\_\_\_






LOGBOOK NO. \_\_\_\_\_

**2010 FRESHWATER SPORT FISH  
Logbook Sign-Out**

**SPORT FISH BUSINESS INFORMATION**

**Must have a current ADF&G Business License Number**

NAME OF PERSON TO WHOM THIS LOGBOOK WAS ISSUED  
 \_\_\_\_\_

SPORT FISHING BUSINESS NAME  
 \_\_\_\_\_

ADF&G LICENSE NUMBER OF BUSINESS (NOT A "GUIDE ONLY" LICENSE)  
 \_\_\_\_\_

CONTACT PHONE NUMBER  
 \_\_\_\_\_



Do you plan to fish from a vessel while providing sport fishing guided services in freshwater?  
 No ☐ Yes ☐ (If yes, list vessels on pg. iii)

**INSTRUCTIONS TO ADF&G REPRESENTATIVE**

Please forward the white copy of this form to:

**Sport Fish Research & Technical Services**  
**333 Raspberry Rd., Anchorage, AK 99518**

ADF&G area offices will keep the pink copy on file.

Do **NOT** issue a logbook unless the applicant has the following:

- 2010 ADF&G Business License;
- Current AK Boat Number issued by DMV **OR** current U.S.C.G. Vessel Documentation number, if applicable.

None of the required information can be "pending." This form must be complete and accurate to the best of your knowledge. Incomplete forms will be returned to you for follow-up and completion, resulting in a processing delay.

**REMEMBER TO PROVIDE A SITE CODE LIST**

ADF&G REPRESENTATIVE (PRINT)  
 \_\_\_\_\_

AREA OFFICE \_\_\_\_\_
DATE OF ISSUE \_\_\_\_\_



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Appendix D3.—Vessel decal, 2010.



Appendix D4.—Vessel tab, 2010.

## **APPENDIX E**

### **SALTWATER EDITING RESULTS**

Appendix E1.–Saltwater editing results, 2010.

| Edit                                                | Number Occurrences |
|-----------------------------------------------------|--------------------|
| No guide license number                             | 0                  |
| Invalid guide license number                        | 1                  |
| Missing date                                        | 0                  |
| Invalid date (not in correct year)                  | 0                  |
| Invalid port of offloading                          | 0                  |
| Invalid port of origin                              | 1                  |
| Missing salmon statistical area                     | 42                 |
| Missing bottomfish statistical area                 | 78                 |
| Invalid salmon statistical area                     | 5                  |
| Invalid bottomfish statistical area                 | 5                  |
| Salmon harvest no salmon statistical area           | 1,152              |
| Bottomfish harvest no bottomfish statistical area   | 2,010              |
| Salmon statistical area listed, no hours listed     | 354                |
| Bottomfish statistical area listed, no hours listed | 446                |
| No statistical area listed                          | 201                |
| No hours listed                                     | 128                |
| Possible invalid salmon statistical area            | 0                  |
| Possible invalid bottomfish statistical area        | 0                  |
| Log pages turned in late <sup>a</sup>               | 3,364              |
| Log book wasn't checked out to a business           | 0                  |
| Salmon or bottomfish hours are greater than 12      | 40                 |
| Duplicate log pages                                 | 0                  |
| Trip records without angler records                 | 0                  |
| Date fished greater than date received by ADF&G     | 4                  |
| <br>Trips                                           | <br>48,742         |

<sup>a</sup> Allows a 7 day grace period

**APPENDIX F**  
**FRESHWATER EDITING RESULTS**

Appendix F1.–Freshwater editing results, 2010.

| Edit                                            | Number Occurrences |
|-------------------------------------------------|--------------------|
| No guide license number                         | 3                  |
| Invalid guide license number                    | 22                 |
| Missing date                                    | 0                  |
| Invalid date (not in correct year)              | 0                  |
| Missing site code                               | 6                  |
| Invalid site code                               | 0                  |
| No paying clients                               | 0                  |
| Log pages turned in late <sup>a</sup>           | 7,648              |
| Duplicate log pages                             | 0                  |
| Date fished greater than date received by ADF&G | 46                 |
| Log book wasn't checked out to a business       | 0                  |
| Kenai River trips on Sunday or Monday           | 134                |
| Trip records without angler records             | 0                  |
| <b>Trips</b>                                    | <b>37,791</b>      |

<sup>a</sup> Allows a 7 day grace period

**APPENDIX G**  
**FRESHWATER LOGBOOK SUMMARIES BY AREA AND**  
**PORT OF OFFLOADING**

Appendix G2.–Freshwater logbook participation by area and site, Southeast Alaska, 2010.

| Area | Site                                        | Trips | Businesses <sup>a</sup> | Guides <sup>a</sup> | Angler Days |         |        |         |      | Total |
|------|---------------------------------------------|-------|-------------------------|---------------------|-------------|---------|--------|---------|------|-------|
|      |                                             |       |                         |                     | Resident    | Non-Res | Comped | Unknown | Crew |       |
| A    | Lakes                                       | 19    | 4                       | 5                   | 0           | 63      | 0      | 0       | 0    | 63    |
| A    | Streams                                     | 169   | 7                       | 13                  | 1           | 563     | 0      | 4       | 0    | 568   |
| B    | Other Lakes                                 | 14    | 4                       | 4                   | 0           | 30      | 0      | 0       | 0    | 30    |
| B    | Other Streams                               | 64    | 8                       | 11                  | 2           | 136     | 0      | 0       | 1    | 139   |
| B    | Thorne River and Lake                       | 15    | 5                       | 7                   | 1           | 41      | 0      | 0       | 0    | 42    |
| C    | Streams                                     | 53    | 7                       | 8                   | 3           | 196     | 0      | 0       | 2    | 201   |
| D    | Baranof Island Lakes and Streams            | 214   | 10                      | 28                  | 13          | 742     | 0      | 6       | 1    | 762   |
| D    | Chichagof Island Lakes and Streams          | 43    | 7                       | 13                  | 8           | 148     | 1      | 2       | 0    | 159   |
| D    | Nakwasina Sound Streams (Baranof Island)    | 25    | 6                       | 9                   | 2           | 84      | 0      | 0       | 0    | 86    |
| D    | Other Lakes and Streams                     | 22    | 9                       | 13                  | 3           | 78      | 1      | 0       | 1    | 83    |
| D    | Politoftski Creek (Baranof Island)          | 8     | 4                       | 4                   | 0           | 21      | 1      | 0       | 1    | 23    |
| D    | Salmon Creek (Baranof Island)               | 9     | 4                       | 6                   | 0           | 23      | 0      | 0       | 0    | 23    |
| D    | Sitkoh Creek and Lake (Chichagof Island)    | 12    | 5                       | 8                   | 3           | 39      | 0      | 0       | 0    | 42    |
| E    | Admiralty Island Streams (Admiralty Island) | 139   | 6                       | 27                  | 6           | 560     | 3      | 11      | 3    | 583   |
| E    | Other Streams                               | 208   | 5                       | 12                  | 5           | 914     | 1      | 6       | 0    | 926   |
| G    | Mud Bay Creek (Chichagof Island)            | 12    | 5                       | 5                   | 1           | 49      | 0      | 2       | 2    | 54    |
| G    | Other Streams                               | 65    | 6                       | 11                  | 13          | 311     | 0      | 9       | 3    | 336   |
| G    | Trail River (Chichagof Island)              | 17    | 6                       | 6                   | 0           | 91      | 0      | 0       | 17   | 108   |
| H    | East Alsek River                            | 95    | 4                       | 7                   | 2           | 401     | 0      | 0       | 6    | 409   |
| H    | Other Lakes and Streams                     | 326   | 10                      | 20                  | 61          | 1,090   | 29     | 5       | 33   | 1,218 |
| H    | Situk River (above weir)                    | 373   | 6                       | 14                  | 98          | 812     | 1      | 4       | 31   | 946   |
| H    | Situk River (below weir)                    | 55    | 7                       | 12                  | 11          | 108     | 0      | 2       | 19   | 140   |
| H    | Tsiu River                                  | 427   | 5                       | 20                  | 81          | 1,538   | 4      | 17      | 6    | 1,646 |
|      | Other Lakes and Streams in Southeast        | 75    | 4                       | 6                   | 2           | 320     | 0      | 4       | 0    | 326   |
|      | Total Southeast                             | 2,459 | 69                      | 151                 | 316         | 8,358   | 41     | 72      | 126  | 8,913 |

Note: Responses with less than 4 businesses are not reported separately, to protect confidentiality of respondents. Data are current as of 05/26/2011.

<sup>a</sup> Regional and statewide business and guide totals aren't additive because a business and/or guide can operate in multiple sites and areas.

Appendix G3.–Freshwater logbook participation by area and site, Southcentral Alaska, 2010.

| Area | Site                                                     | Trips | Businesses <sup>a</sup> | Guides <sup>a</sup> | Angler Days |         |        |         |      | Total |
|------|----------------------------------------------------------|-------|-------------------------|---------------------|-------------|---------|--------|---------|------|-------|
|      |                                                          |       |                         |                     | Resident    | Non-Res | Comped | Unknown | Crew |       |
| J    | Delight Lake                                             | 11    | 5                       | 5                   | 1           | 51      | 0      | 0       | 0    | 52    |
| J    | Eyak River                                               | 50    | 4                       | 6                   | 15          | 161     | 0      | 5       | 11   | 192   |
| J    | Other Lakes and Streams                                  | 36    | 7                       | 9                   | 15          | 147     | 0      | 0       | 0    | 162   |
| K    | Lakes and Streams                                        | 359   | 11                      | 17                  | 467         | 823     | 16     | 6       | 54   | 1,366 |
| M    | Alexander Lake                                           | 11    | 5                       | 5                   | 2           | 26      | 0      | 0       | 0    | 28    |
| M    | Chulitna River                                           | 39    | 4                       | 7                   | 0           | 102     | 0      | 0       | 0    | 102   |
| M    | Chunilna Creek (Clear Creek)                             | 58    | 5                       | 8                   | 12          | 236     | 1      | 0       | 0    | 249   |
| M    | Deshka River (Kroto Creek)                               | 298   | 10                      | 12                  | 408         | 706     | 11     | 5       | 19   | 1,149 |
| M    | Fish Lake Creek and Fish Lakes (Yentna Drainage)         | 33    | 6                       | 12                  | 2           | 98      | 0      | 0       | 0    | 100   |
| M    | Indian Creek (into Yentna near Fish Lakes)               | 136   | 6                       | 20                  | 9           | 416     | 3      | 0       | 6    | 434   |
| M    | Lake Creek                                               | 1,374 | 18                      | 52                  | 271         | 3,545   | 19     | 0       | 28   | 3,863 |
| M    | Little Willow Creek                                      | 27    | 6                       | 7                   | 22          | 69      | 0      | 0       | 6    | 97    |
| M    | Montana Creek                                            | 10    | 4                       | 4                   | 7           | 12      | 0      | 0       | 0    | 19    |
| M    | Other Lakes - Chulitna/East Susitna Drainage             | 13    | 4                       | 4                   | 9           | 32      | 0      | 0       | 0    | 41    |
| M    | Other Streams - Chulitna / East Susitna Drainage         | 58    | 10                      | 12                  | 76          | 157     | 4      | 0       | 0    | 237   |
| M    | Other Lakes and Streams - West Susitna Drainage          | 69    | 8                       | 14                  | 52          | 196     | 0      | 7       | 1    | 256   |
| M    | Talachulitna Creek                                       | 44    | 5                       | 8                   | 2           | 100     | 0      | 1       | 0    | 103   |
| M    | Talachulitna River                                       | 501   | 10                      | 29                  | 60          | 1,368   | 0      | 5       | 43   | 1,476 |
| M    | Talkeetna River                                          | 153   | 7                       | 11                  | 93          | 513     | 0      | 33      | 5    | 644   |
| M    | Willow Creek                                             | 47    | 6                       | 6                   | 28          | 70      | 0      | 0       | 0    | 98    |
| M    | Yentna River                                             | 86    | 6                       | 15                  | 30          | 182     | 5      | 0       | 2    | 219   |
| M    | Yentna River Drainage (Remainder)                        | 957   | 18                      | 48                  | 46          | 2,735   | 0      | 1       | 35   | 2,817 |
| N    | Big River                                                | 74    | 8                       | 8                   | 17          | 263     | 0      | 0       | 0    | 280   |
| N    | Big River Lakes                                          | 674   | 28                      | 35                  | 122         | 2,463   | 4      | 11      | 16   | 2,616 |
| N    | Chuitna River                                            | 31    | 7                       | 10                  | 2           | 122     | 0      | 1       | 0    | 125   |
| N    | Coal Creek (into Beluga Lake)                            | 15    | 6                       | 8                   | 0           | 51      | 0      | 0       | 1    | 52    |
| N    | Crescent Lake                                            | 110   | 11                      | 18                  | 24          | 342     | 0      | 6       | 0    | 372   |
| N    | Kamishak River                                           | 72    | 6                       | 17                  | 6           | 212     | 0      | 0       | 5    | 223   |
| N    | Kustatan River                                           | 215   | 24                      | 32                  | 96          | 815     | 0      | 0       | 3    | 914   |
| N    | Other Sites (South of North Forelands)                   | 102   | 12                      | 19                  | 7           | 392     | 1      | 0       | 0    | 400   |
| N    | Other Sites between North Forelands and Susitna Drainage | 5     | 4                       | 4                   | 0           | 20      | 0      | 0       | 0    | 20    |
| N    | Wolverine Creek mouth (by Big River Lakes)               | 526   | 21                      | 30                  | 118         | 1,824   | 0      | 10      | 1    | 1,953 |

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Appendix G2.–Page 2 of 4.

46

| Area | Site                                                      | Trips | Businesses <sup>a</sup> | Guides <sup>a</sup> | Angler Days |         |        |         | Crew | Total  |
|------|-----------------------------------------------------------|-------|-------------------------|---------------------|-------------|---------|--------|---------|------|--------|
|      |                                                           |       |                         |                     | Resident    | Non-Res | Comped | Unknown |      |        |
| P    | Anchor River                                              | 56    | 8                       | 11                  | 7           | 106     | 0      | 4       | 3    | 120    |
| P    | Deep Creek                                                | 44    | 4                       | 5                   | 13          | 162     | 2      | 0       | 2    | 179    |
| P    | Kasilof River reach not specified                         | 19    | 10                      | 11                  | 4           | 59      | 0      | 0       | 0    | 63     |
| P    | Kasilof River above Highway                               | 54    | 11                      | 14                  | 20          | 126     | 1      | 7       | 0    | 154    |
| P    | Kasilof River below Highway                               | 1,784 | 85                      | 134                 | 904         | 4,831   | 39     | 50      | 12   | 5,836  |
| P    | Kenai River - Cook Inlet to Soldotna Bridge               | 5,886 | 173                     | 260                 | 3,340       | 16,836  | 100    | 149     | 45   | 20,470 |
| P    | Kenai River - reach not specified                         | 117   | 31                      | 34                  | 40          | 332     | 0      | 1       | 0    | 373    |
| P    | Kenai River - Moose River to Skilak outlet                | 1,231 | 82                      | 118                 | 682         | 3,134   | 14     | 48      | 4    | 3,882  |
| P    | Kenai River - Skilak Inlet to Kenai Lake                  | 2,258 | 41                      | 87                  | 960         | 5,773   | 29     | 118     | 52   | 6,932  |
| P    | Kenai River - Soldotna Bridge to Moose River              | 865   | 67                      | 90                  | 288         | 2,578   | 16     | 26      | 4    | 2,912  |
| P    | Ninilchik River                                           | 39    | 4                       | 5                   | 11          | 135     | 0      | 1       | 2    | 149    |
| P    | Other Lakes                                               | 30    | 9                       | 10                  | 10          | 85      | 0      | 1       | 6    | 102    |
| P    | Other Streams                                             | 64    | 15                      | 19                  | 22          | 244     | 0      | 1       | 0    | 267    |
| P    | Quartz Creek                                              | 41    | 8                       | 13                  | 1           | 71      | 0      | 4       | 0    | 76     |
| P    | Russian River                                             | 83    | 10                      | 17                  | 10          | 167     | 0      | 4       | 1    | 182    |
| Q    | Afognak River (Litnik Stream)                             | 31    | 5                       | 6                   | 3           | 102     | 0      | 0       | 7    | 112    |
| Q    | American River                                            | 24    | 4                       | 4                   | 1           | 54      | 0      | 0       | 0    | 55     |
| Q    | Ayakulik River (sometimes called Red River)               | 125   | 4                       | 10                  | 7           | 352     | 0      | 0       | 0    | 359    |
| Q    | Dog Salmon Creek (Frazer River)                           | 114   | 8                       | 15                  | 12          | 414     | 4      | 4       | 1    | 435    |
| Q    | Karluk Lagoon and River below Weir (to .5 m above lagoon) | 36    | 4                       | 10                  | 2           | 159     | 0      | 0       | 0    | 161    |
| Q    | Karluk Lake and River above Weir                          | 31    | 6                       | 9                   | 1           | 167     | 0      | 0       | 7    | 175    |
| Q    | Olds River                                                | 25    | 8                       | 8                   | 3           | 53      | 0      | 0       | 2    | 58     |
| Q    | Other Remote Streams                                      | 226   | 17                      | 25                  | 36          | 729     | 7      | 4       | 9    | 785    |
| Q    | Roadside Lakes                                            | 35    | 4                       | 6                   | 0           | 121     | 0      | 1       | 0    | 122    |
| Q    | Roadside Streams                                          | 77    | 7                       | 8                   | 13          | 223     | 0      | 4       | 1    | 241    |
| Q    | Saltery River                                             | 407   | 8                       | 18                  | 61          | 1,213   | 2      | 13      | 73   | 1,362  |
| Q    | Uganik River                                              | 78    | 4                       | 7                   | 12          | 230     | 0      | 0       | 28   | 270    |
| Q    | Zachar Bay Streams                                        | 18    | 4                       | 5                   | 5           | 56      | 0      | 1       | 0    | 62     |
| R    | American Creek                                            | 460   | 21                      | 52                  | 38          | 1,168   | 22     | 5       | 40   | 1,273  |
| R    | Becharof System                                           | 61    | 10                      | 22                  | 7           | 151     | 0      | 0       | 7    | 165    |
| R    | Brooks Lake                                               | 14    | 7                       | 10                  | 0           | 35      | 0      | 0       | 0    | 35     |

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Appendix G2.–Page 3 of 4.

| Area | Site                                                        | Trips | Businesses <sup>a</sup> | Guides <sup>a</sup> | Angler Days |         |        |         | Crew | Total |
|------|-------------------------------------------------------------|-------|-------------------------|---------------------|-------------|---------|--------|---------|------|-------|
|      |                                                             |       |                         |                     | Resident    | Non-Res | Comped | Unknown |      |       |
| R    | Brooks River                                                | 282   | 21                      | 74                  | 20          | 726     | 1      | 4       | 0    | 751   |
| R    | Contact Creek                                               | 48    | 11                      | 22                  | 9           | 109     | 4      | 1       | 0    | 123   |
| R    | Egegik River (Becharof System)                              | 113   | 6                       | 23                  | 1           | 421     | 0      | 2       | 3    | 427   |
| R    | Naknek River (downstream from Rapids Camp incl trib)        | 183   | 8                       | 20                  | 29          | 412     | 0      | 5       | 2    | 448   |
| R    | Naknek River (Rapids Camp upstream to Naknek Lk, incl trib) | 542   | 12                      | 42                  | 93          | 1,250   | 0      | 4       | 3    | 1,350 |
| R    | Naknek River and Tributaries                                | 486   | 21                      | 64                  | 99          | 1,245   | 4      | 6       | 8    | 1,362 |
| R    | Other Lakes                                                 | 62    | 11                      | 21                  | 11          | 186     | 0      | 0       | 0    | 197   |
| R    | Other Streams                                               | 1,001 | 24                      | 61                  | 42          | 2,445   | 0      | 6       | 0    | 2,493 |
| R    | Swikshak River                                              | 18    | 4                       | 8                   | 0           | 65      | 0      | 0       | 0    | 65    |
| R    | Ugashik System                                              | 109   | 13                      | 34                  | 4           | 284     | 0      | 1       | 13   | 302   |
| S    | Alagnak (Branch) River                                      | 1,337 | 19                      | 84                  | 44          | 2,778   | 6      | 18      | 22   | 2,868 |
| S    | Alexey Lake                                                 | 6     | 4                       | 4                   | 3           | 16      | 0      | 0       | 0    | 19    |
| S    | Battle River                                                | 76    | 10                      | 21                  | 10          | 227     | 0      | 0       | 40   | 277   |
| S    | Copper River (Lake Iliamna Area)                            | 366   | 10                      | 34                  | 38          | 928     | 1      | 3       | 5    | 975   |
| S    | Funnel Creek                                                | 39    | 9                       | 21                  | 2           | 103     | 0      | 0       | 0    | 105   |
| S    | Gibraltar River                                             | 71    | 6                       | 15                  | 3           | 165     | 0      | 0       | 0    | 168   |
| S    | Kijik Lake                                                  | 9     | 6                       | 8                   | 2           | 30      | 3      | 0       | 0    | 35    |
| S    | Kukaklek River (Big Ku) (into Alagnak)                      | 98    | 8                       | 22                  | 3           | 223     | 0      | 0       | 0    | 226   |
| S    | Kulik River                                                 | 406   | 13                      | 43                  | 65          | 1,016   | 1      | 2       | 0    | 1,084 |
| S    | Kvichak River                                               | 1,081 | 23                      | 88                  | 87          | 2,546   | 8      | 14      | 3    | 2,658 |
| S    | Lake Clark                                                  | 49    | 8                       | 14                  | 10          | 135     | 7      | 2       | 1    | 155   |
| S    | Lake Iliamna                                                | 133   | 6                       | 15                  | 18          | 307     | 0      | 14      | 0    | 339   |
| S    | Little Kulik (into Nanuktuk Creek)                          | 18    | 7                       | 11                  | 0           | 47      | 0      | 0       | 0    | 47    |
| S    | Lower Talarik Creek                                         | 46    | 7                       | 19                  | 2           | 127     | 0      | 0       | 0    | 129   |
| S    | Moraine Creek                                               | 370   | 19                      | 65                  | 22          | 860     | 0      | 0       | 2    | 884   |
| S    | Nanuktuk Creek                                              | 59    | 10                      | 22                  | 2           | 135     | 1      | 1       | 0    | 139   |
| S    | Newhalen River                                              | 62    | 6                       | 16                  | 1           | 230     | 0      | 0       | 0    | 231   |
| S    | Nonvianuk Lake                                              | 20    | 4                       | 8                   | 5           | 39      | 0      | 0       | 0    | 44    |
| S    | Nonvianuk River (into Alagnak)                              | 63    | 7                       | 15                  | 6           | 136     | 0      | 1       | 4    | 147   |
| S    | Other Lakes and Streams                                     | 19    | 5                       | 7                   | 0           | 46      | 0      | 4       | 0    | 50    |
| S    | Tazimina Lakes                                              | 13    | 5                       | 7                   | 1           | 30      | 0      | 0       | 1    | 32    |

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Appendix G2.–Page 4 of 4.

| Area | Site                                                       | Trips  | Businesses <sup>a</sup> | Guides <sup>a</sup> | Angler Days |         |        |         |      | Total  |
|------|------------------------------------------------------------|--------|-------------------------|---------------------|-------------|---------|--------|---------|------|--------|
|      |                                                            |        |                         |                     | Resident    | Non-Res | Comped | Unknown | Crew |        |
| S    | Tazimina River                                             | 78     | 4                       | 13                  | 4           | 182     | 2      | 0       | 0    | 188    |
| T    | Agulowak River                                             | 442    | 8                       | 33                  | 77          | 749     | 0      | 32      | 0    | 858    |
| T    | Agulukpak River                                            | 210    | 7                       | 33                  | 5           | 395     | 0      | 11      | 0    | 411    |
| T    | Aleknagik Lake                                             | 43     | 4                       | 9                   | 1           | 80      | 0      | 7       | 0    | 88     |
| T    | Mulchatna River                                            | 40     | 6                       | 7                   | 19          | 79      | 0      | 0       | 6    | 104    |
| T    | Nushagak River - Black Point upstream to Sonar Site        | 578    | 22                      | 66                  | 97          | 1,610   | 6      | 19      | 85   | 1,817  |
| T    | Nushagak River - sonar site to outlet of Mulchatna         | 662    | 26                      | 84                  | 190         | 1,869   | 10     | 15      | 19   | 2,103  |
| T    | Nushagak River - upstream from mouth of Mulchatna River    | 342    | 7                       | 24                  | 6           | 623     | 0      | 1       | 0    | 630    |
| T    | Nushagak River System (incl. Harris Creek, King Salmon R.) | 73     | 11                      | 16                  | 0           | 186     | 0      | 0       | 6    | 192    |
| T    | Nuyakuk River (Tikchik-Nuyakuk Lake System)                | 140    | 5                       | 17                  | 1           | 268     | 4      | 2       | 10   | 285    |
| T    | Other Lakes and Streams                                    | 311    | 5                       | 26                  | 7           | 596     | 0      | 3       | 1    | 607    |
| T    | Togiak River System                                        | 397    | 7                       | 45                  | 28          | 768     | 1      | 75      | 1    | 873    |
| T    | Wood River                                                 | 62     | 4                       | 12                  | 4           | 113     | 0      | 18      | 0    | 135    |
| T    | Wood River Lakes System                                    | 137    | 7                       | 24                  | 6           | 309     | 0      | 6       | 0    | 321    |
|      | Other Lakes and Streams in Southcentral                    | 40     | 4                       | 4                   | 19          | 123     | 0      | 0       | 0    | 142    |
|      | Total Southcentral                                         | 31,267 | 433                     | 1,051               | 9,628       | 83,332  | 359    | 814     | 777  | 94,910 |

*Note:* Responses with less than 4 businesses are not reported separately, to protect confidentiality of respondents. Data are current as of 05/26/2011.

<sup>a</sup> Regional and statewide business and guide totals aren't additive because a business and/or guide can operate in multiple sites and areas.

Appendix G4.–Freshwater logbook participation by area and site, AYK Alaska, 2010.

| Area | Site                                                              | Trips | Businesses <sup>a</sup> | Guides <sup>a</sup> | Angler Days |         |        |         |      | Total |
|------|-------------------------------------------------------------------|-------|-------------------------|---------------------|-------------|---------|--------|---------|------|-------|
|      |                                                                   |       |                         |                     | Resident    | Non-Res | Comped | Unknown | Crew |       |
| I    | Copper River                                                      | 29    | 5                       | 6                   | 77          | 28      | 0      | 2       | 1    | 108   |
| I    | Gulkana River (Highway to Copper River)                           | 44    | 5                       | 6                   | 23          | 122     | 0      | 1       | 5    | 151   |
| I    | Gulkana River (West Fork to Highway)                              | 81    | 7                       | 12                  | 62          | 189     | 0      | 5       | 1    | 257   |
| I    | Klutina River                                                     | 407   | 13                      | 25                  | 360         | 890     | 7      | 18      | 11   | 1,286 |
| I    | Other Streams                                                     | 21    | 6                       | 8                   | 16          | 52      | 0      | 0       | 0    | 68    |
| U    | Other Lakes                                                       | 25    | 4                       | 5                   | 31          | 39      | 0      | 0       | 0    | 70    |
| U    | Other Streams                                                     | 369   | 7                       | 16                  | 69          | 932     | 2      | 9       | 19   | 1,031 |
| V    | Aniak River                                                       | 348   | 6                       | 22                  | 2           | 615     | 2      | 11      | 0    | 630   |
| V    | Goodnews River                                                    | 446   | 6                       | 18                  | 24          | 817     | 1      | 19      | 1    | 862   |
| V    | Holitna River                                                     | 179   | 4                       | 23                  | 5           | 393     | 0      | 0       | 2    | 400   |
| V    | Kanektok River (Quinhagak, Chosen)                                | 952   | 6                       | 44                  | 16          | 1,808   | 1      | 4       | 1    | 1,830 |
| V    | Kuskokwim River drainages below Aniak R; incl. Aniak R. drainages | 213   | 10                      | 23                  | 26          | 611     | 0      | 0       | 8    | 645   |
| V    | Other Lakes and Streams                                           | 63    | 7                       | 16                  | 2           | 127     | 0      | 1       | 4    | 134   |
| V    | Other streams - Kuskokwim drainages above Aniak                   | 22    | 6                       | 9                   | 1           | 49      | 0      | 0       | 7    | 57    |
| W    | Streams                                                           | 273   | 6                       | 14                  | 20          | 525     | 1      | 0       | 3    | 549   |
| Y    | Lakes and Streams                                                 | 567   | 5                       | 19                  | 40          | 1,060   | 0      | 0       | 19   | 1,119 |
|      | Other Lakes and Streams in AYK                                    | 26    | 4                       | 4                   | 11          | 207     | 0      | 0       | 1    | 219   |
|      | Total AYK                                                         | 4,065 | 62                      | 200                 | 785         | 8,464   | 14     | 70      | 83   | 9,416 |

*Note:* Responses with less than 4 businesses are not reported separately, to protect confidentiality of respondents. Data are current as of 05/26/2011.

<sup>a</sup> Regional and statewide business and guide totals aren't additive because a business and/or guide can operate in multiple sites and areas.

Appendix G5.–Freshwater logbook participation by region, statewide, 2010.

| Region                 | Trips  | Businesses <sup>a</sup> | Guides <sup>a</sup> | Angler Days |         |        |         |      | Total   |
|------------------------|--------|-------------------------|---------------------|-------------|---------|--------|---------|------|---------|
|                        |        |                         |                     | Resident    | Non-Res | Comped | Unknown | Crew |         |
| Southeast              | 2,459  | 69                      | 151                 | 316         | 8,358   | 41     | 72      | 126  | 8,913   |
| Southcentral           | 31,267 | 433                     | 1,051               | 9,628       | 83,332  | 359    | 814     | 777  | 94,910  |
| Arctic-Yukon-Kuskokwim | 4,065  | 62                      | 200                 | 785         | 8,464   | 14     | 70      | 83   | 9,416   |
| Total                  | 37,791 | 546                     | 1,348               | 10,729      | 100,154 | 414    | 956     | 986  | 113,239 |

*Note:* Data are current as of 05/26/2011.

<sup>a</sup> Regional and statewide business and guide totals aren't additive because a business and/or guide can operate in multiple sites and areas.

Appendix G6.–Freshwater logbook angler days and species kept by area and site, Southeast Alaska, 2010.

| Area | Site                                        | Angler<br>Days | Salmon |       |         | Trout     |         |           |      | Dolly<br>Varden | Grayling | Northern |          |
|------|---------------------------------------------|----------------|--------|-------|---------|-----------|---------|-----------|------|-----------------|----------|----------|----------|
|      |                                             |                | King   | Coho  | Sockeye | Cutthroat | Rainbow | Steelhead | Lake |                 |          | Pike     | Sheefish |
| A    | Lakes                                       | 63             | 0      | 0     | 0       | 0         | 0       | 0         | 0    | 0               | 0        | 0        | 0        |
| A    | Streams                                     | 568            | 0      | 86    | 0       | 0         | 0       | 0         | 0    | 11              | 0        | 0        | 0        |
| B    | Other Lakes                                 | 30             | 0      | 54    | 0       | 0         | 0       | 0         | 0    | 0               | 0        | 0        | 0        |
| B    | Other Streams                               | 139            | 0      | 37    | 8       | 0         | 0       | 0         | 0    | 15              | 0        | 0        | 0        |
| B    | Thorne River and Lake                       | 42             | 0      | 13    | 0       | 0         | 0       | 0         | 0    | 10              | 0        | 0        | 0        |
| C    | Streams                                     | 201            | 0      | 13    | 2       | 0         | 0       | 0         | 0    | 1               | 0        | 0        | 0        |
| D    | Baranof Island Lakes and Streams            | 762            | 0      | 57    | 4       | 2         | 5       | 0         | 0    | 13              | 0        | 0        | 0        |
| D    | Chichagof Island Lakes and Streams          | 159            | 0      | 0     | 0       | 0         | 0       | 0         | 0    | 0               | 0        | 0        | 0        |
| D    | Nakwasina Sound Streams (Baranof Island)    | 86             | 0      | 0     | 0       | 0         | 0       | 0         | 0    | 0               | 0        | 0        | 0        |
| D    | Other Lakes and Streams                     | 83             | 0      | 19    | 0       | 0         | 0       | 0         | 0    | 0               | 0        | 0        | 0        |
| D    | Politofski Creek (Baranof Island)           | 23             | 0      | 0     | 0       | 0         | 0       | 1         | 0    | 0               | 0        | 0        | 0        |
| D    | Salmon Creek (Baranof Island)               | 23             | 0      | 0     | 0       | 0         | 0       | 0         | 0    | 0               | 0        | 0        | 0        |
| D    | Sitkoh Creek and Lake (Chichagof Island)    | 42             | 0      | 0     | 0       | 0         | 0       | 0         | 0    | 0               | 0        | 0        | 0        |
| E    | Admiralty Island Streams (Admiralty Island) | 583            | 0      | 0     | 0       | 0         | 0       | 0         | 0    | 6               | 0        | 0        | 0        |
| E    | Other Streams                               | 926            | 0      | 26    | 0       | 0         | 0       | 0         | 0    | 57              | 0        | 0        | 0        |
| G    | Mud Bay Creek (Chichagof Island)            | 54             | 0      | 0     | 0       | 0         | 0       | 0         | 0    | 30              | 0        | 0        | 0        |
| G    | Other Streams                               | 336            | 0      | 6     | 0       | 0         | 0       | 0         | 0    | 12              | 0        | 0        | 0        |
| G    | Trail River (Chichagof Island)              | 108            | 0      | 0     | 0       | 0         | 0       | 0         | 0    | 0               | 0        | 0        | 0        |
| H    | East Alsek River                            | 409            | 0      | 557   | 202     | 0         | 0       | 0         | 0    | 0               | 0        | 0        | 0        |
| H    | Other Lakes and Streams                     | 1,218          | 34     | 1,930 | 21      | 10        | 1       | 0         | 0    | 28              | 0        | 0        | 0        |
| H    | Situk River (above weir)                    | 946            | 9      | 449   | 847     | 0         | 0       | 3         | 0    | 35              | 0        | 0        | 0        |
| H    | Situk River (below weir)                    | 140            | 0      | 45    | 164     | 1         | 0       | 0         | 0    | 3               | 0        | 0        | 0        |
| H    | Tsiu River                                  | 1,646          | 0      | 3,931 | 0       | 0         | 0       | 0         | 0    | 0               | 0        | 0        | 0        |
|      | Other Lakes and Streams in Southeast        | 326            | 0      | 15    | 2       | 0         | 0       | 0         | 0    | 4               | 0        | 0        | 0        |
|      | Total Southeast                             | 8,913          | 43     | 7,238 | 1,250   | 13        | 6       | 4         | 0    | 225             | 0        | 0        | 0        |

Note: Responses with less than 4 businesses are not reported separately, to protect confidentiality of respondents. Data are current as of 05/26/2011.

Appendix G7.–Freshwater logbook angler days and species kept by area and site, Southcentral Alaska, 2010.

| Area | Site                                                 | Angler<br>Days | Salmon |       |         | Trout     |         |           |      | Dolly<br>Varden | Northern |      |          |
|------|------------------------------------------------------|----------------|--------|-------|---------|-----------|---------|-----------|------|-----------------|----------|------|----------|
|      |                                                      |                | King   | Coho  | Sockeye | Cutthroat | Rainbow | Steelhead | Lake |                 | Grayling | Pike | Sheefish |
| J    | Delight Lake                                         | 52             | 0      | 134   | 0       | 0         | 0       | 0         | 0    | 2               | 0        | 0    | 0        |
| J    | Eyak River                                           | 192            | 0      | 345   | 72      | 0         | 0       | 0         | 0    | 1               | 0        | 0    | 0        |
| J    | Other Lakes and Streams                              | 162            | 0      | 211   | 0       | 1         | 0       | 0         | 0    | 5               | 0        | 0    | 0        |
| K    | Lakes and Streams                                    | 1,366          | 146    | 1,143 | 5       | 0         | 8       | 0         | 0    | 0               | 0        | 0    | 0        |
| M    | Alexander Lake                                       | 28             | 0      | 0     | 0       | 0         | 0       | 0         | 0    | 0               | 0        | 60   | 0        |
| M    | Chulitna River                                       | 102            | 3      | 0     | 0       | 0         | 0       | 0         | 0    | 0               | 0        | 0    | 0        |
| M    | Chunilna Creek (Clear Creek)                         | 249            | 7      | 65    | 2       | 0         | 1       | 0         | 0    | 0               | 0        | 0    | 0        |
| M    | Deshka River (Kroto Creek)                           | 1,149          | 450    | 608   | 0       | 0         | 15      | 0         | 0    | 0               | 0        | 7    | 0        |
| M    | Fish Lake Creek and Fish Lakes (Yentna Drainage)     | 100            | 5      | 40    | 16      | 0         | 0       | 0         | 0    | 0               | 0        | 145  | 0        |
| M    | Indian Creek (into Yentna near Fish Lakes)           | 434            | 17     | 808   | 12      | 0         | 1       | 0         | 0    | 0               | 0        | 13   | 0        |
| M    | Lake Creek                                           | 3,863          | 524    | 1,930 | 174     | 0         | 27      | 0         | 0    | 0               | 1        | 4    | 0        |
| M    | Little Willow Creek                                  | 97             | 0      | 85    | 0       | 0         | 6       | 0         | 0    | 0               | 0        | 0    | 0        |
| M    | Montana Creek                                        | 19             | 0      | 1     | 0       | 0         | 0       | 0         | 0    | 0               | 0        | 0    | 0        |
| M    | Other Lakes - Chulitna/East Susitna Drainage         | 41             | 0      | 3     | 20      | 0         | 0       | 0         | 1    | 0               | 18       | 0    | 0        |
| M    | Other Streams - Chulitna / East Susitna Drainage     | 237            | 92     | 38    | 0       | 0         | 6       | 0         | 0    | 0               | 0        | 0    | 0        |
| M    | Other Lakes and Streams - West Susitna Drainage      | 256            | 33     | 188   | 2       | 0         | 1       | 0         | 0    | 0               | 0        | 0    | 0        |
| M    | Talachulitna Creek                                   | 103            | 4      | 24    | 61      | 0         | 0       | 0         | 0    | 2               | 0        | 0    | 0        |
| M    | Talachulitna River                                   | 1,476          | 227    | 541   | 190     | 0         | 0       | 0         | 0    | 14              | 3        | 0    | 0        |
| M    | Talkeetna River                                      | 644            | 121    | 141   | 376     | 0         | 0       | 0         | 0    | 0               | 0        | 0    | 0        |
| M    | Willow Creek                                         | 98             | 0      | 0     | 0       | 0         | 0       | 0         | 0    | 0               | 0        | 0    | 0        |
| M    | Yentna River                                         | 219            | 43     | 121   | 1       | 0         | 0       | 0         | 0    | 0               | 0        | 0    | 0        |
| M    | Yentna River Drainage (Remainder)                    | 2,817          | 160    | 1,389 | 199     | 0         | 4       | 0         | 2    | 1               | 9        | 10   | 0        |
| N    | Big River                                            | 280            | 0      | 462   | 284     | 0         | 0       | 0         | 0    | 0               | 0        | 0    | 0        |
| N    | Big River Lakes                                      | 2,616          | 0      | 4,726 | 2,112   | 0         | 0       | 0         | 0    | 10              | 0        | 0    | 0        |
| N    | Chuitna River                                        | 125            | 2      | 165   | 1       | 0         | 0       | 0         | 0    | 1               | 0        | 0    | 0        |
| N    | Coal Creek (into Beluga Lake)                        | 52             | 9      | 45    | 20      | 0         | 0       | 0         | 0    | 5               | 0        | 0    | 0        |
| N    | Crescent Lake                                        | 372            | 0      | 120   | 564     | 0         | 0       | 0         | 2    | 55              | 59       | 0    | 0        |
| N    | Kamishak River                                       | 223            | 0      | 333   | 0       | 0         | 0       | 0         | 0    | 12              | 0        | 0    | 0        |
| N    | Kustatan River                                       | 914            | 6      | 2,421 | 57      | 0         | 0       | 0         | 0    | 13              | 0        | 0    | 0        |
| N    | Other Sites (South of N Forelands)                   | 400            | 0      | 565   | 16      | 0         | 0       | 0         | 0    | 44              | 0        | 0    | 0        |
| N    | Other Sites between N Forelands and Susitna Drainage | 20             | 0      | 6     | 0       | 0         | 0       | 0         | 0    | 0               | 0        | 7    | 0        |

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Appendix G6.–Page 2 of 4.

| Area | Site                                            | Angler | Salmon |       |         | Trout     |         |           |      | Dolly  | Northern |      |          |
|------|-------------------------------------------------|--------|--------|-------|---------|-----------|---------|-----------|------|--------|----------|------|----------|
|      |                                                 | Days   | King   | Coho  | Sockeye | Cutthroat | Rainbow | Steelhead | Lake | Varden | Grayling | Pike | Sheefish |
| N    | Wolverine Creek mouth (by Big River Lakes)      | 1,953  | 0      | 887   | 3,481   | 0         | 0       | 0         | 0    | 2      | 0        | 0    | 0        |
| P    | Anchor River                                    | 120    | 3      | 7     | 0       | 0         | 0       | 0         | 0    | 4      | 0        | 0    | 0        |
| P    | Deep Creek                                      | 179    | 1      | 81    | 0       | 0         | 0       | 0         | 0    | 59     | 0        | 0    | 0        |
| P    | Kasilof River reach not specified               | 63     | 18     | 3     | 0       | 0         | 0       | 0         | 0    | 1      | 0        | 0    | 0        |
| P    | Kasilof River above Highway                     | 154    | 12     | 67    | 20      | 0         | 1       | 0         | 0    | 3      | 0        | 0    | 0        |
| P    | Kasilof River below Highway                     | 5,836  | 1,920  | 763   | 119     | 0         | 35      | 0         | 0    | 65     | 0        | 0    | 0        |
| P    | Kenai River - Cook Inlet to Soldotna Bridge     | 20,470 | 2,697  | 7,273 | 1,210   | 0         | 34      | 0         | 0    | 68     | 0        | 0    | 0        |
| P    | Kenai River - reach not specified               | 373    | 34     | 65    | 100     | 0         | 5       | 0         | 0    | 6      | 0        | 0    | 0        |
| P    | Kenai River - Moose River to Skilak outlet      | 3,882  | 133    | 1,793 | 2,842   | 0         | 39      | 0         | 1    | 47     | 0        | 0    | 0        |
| P    | Kenai River - Skilak Inlet to Kenai Lake        | 6,932  | 0      | 228   | 2,784   | 0         | 42      | 0         | 0    | 56     | 0        | 0    | 0        |
| P    | Kenai River - Soldotna Bridge to Moose River    | 2,912  | 675    | 480   | 985     | 0         | 16      | 0         | 0    | 10     | 0        | 0    | 0        |
| P    | Ninilchik River                                 | 149    | 17     | 30    | 0       | 0         | 0       | 0         | 0    | 0      | 0        | 0    | 0        |
| P    | Other Lakes                                     | 102    | 0      | 0     | 0       | 0         | 2       | 0         | 3    | 0      | 8        | 0    | 0        |
| P    | Other Streams                                   | 267    | 2      | 152   | 9       | 0         | 0       | 0         | 0    | 2      | 1        | 0    | 0        |
| P    | Quartz Creek                                    | 76     | 0      | 0     | 0       | 0         | 0       | 0         | 0    | 1      | 0        | 0    | 0        |
| P    | Russian River                                   | 182    | 0      | 4     | 133     | 0         | 0       | 0         | 0    | 0      | 0        | 0    | 0        |
| Q    | Afognak River (Litnik Stream)                   | 112    | 0      | 210   | 80      | 0         | 0       | 0         | 0    | 0      | 0        | 0    | 0        |
| Q    | American River                                  | 55     | 4      | 3     | 0       | 0         | 0       | 0         | 0    | 12     | 0        | 0    | 0        |
| Q    | Ayakulik River (sometimes called Red River)     | 359    | 0      | 199   | 44      | 0         | 0       | 0         | 0    | 25     | 0        | 0    | 0        |
| Q    | Dog Salmon Creek (Frazer River)                 | 435    | 0      | 306   | 782     | 0         | 1       | 0         | 0    | 64     | 0        | 0    | 0        |
| Q    | Karluk Lagoon and River below weir <sup>a</sup> | 161    | 0      | 96    | 57      | 0         | 0       | 0         | 0    | 75     | 0        | 0    | 0        |
| Q    | Karluk Lake and River above weir                | 175    | 0      | 4     | 7       | 0         | 0       | 2         | 0    | 31     | 0        | 0    | 0        |
| Q    | Olds River                                      | 58     | 1      | 12    | 0       | 0         | 0       | 0         | 0    | 5      | 0        | 0    | 0        |
| Q    | Other remote Streams                            | 785    | 2      | 659   | 552     | 0         | 0       | 7         | 0    | 66     | 0        | 0    | 0        |
| Q    | Roadside lakes                                  | 122    | 0      | 15    | 0       | 0         | 0       | 0         | 0    | 29     | 0        | 0    | 0        |
| Q    | Roadside streams                                | 241    | 0      | 50    | 4       | 0         | 0       | 0         | 0    | 26     | 0        | 0    | 0        |
| Q    | Saltery River                                   | 1,362  | 0      | 227   | 1,305   | 0         | 0       | 0         | 0    | 168    | 2        | 0    | 0        |
| Q    | Uganik River                                    | 270    | 0      | 31    | 7       | 0         | 1       | 0         | 0    | 2      | 0        | 0    | 0        |
| Q    | Zachar Bay streams                              | 62     | 0      | 82    | 0       | 0         | 0       | 0         | 0    | 7      | 0        | 0    | 0        |
| R    | American Creek                                  | 1,273  | 0      | 0     | 0       | 0         | 1       | 0         | 1    | 48     | 0        | 0    | 0        |
| R    | Becharof System                                 | 165    | 2      | 27    | 10      | 0         | 0       | 0         | 0    | 9      | 1        | 0    | 0        |

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Appendix G6.–Page 3 of 4.

| Area | Site                                   | Angler<br>Days | Salmon |       |         | Trout     |         |           |      | Dolly<br>Varden | Northern |      |          |
|------|----------------------------------------|----------------|--------|-------|---------|-----------|---------|-----------|------|-----------------|----------|------|----------|
|      |                                        |                | King   | Coho  | Sockeye | Cutthroat | Rainbow | Steelhead | Lake |                 | Grayling | Pike | Sheefish |
| R    | Brooks Lake                            | 35             | 0      | 0     | 0       | 0         | 0       | 0         | 0    | 0               | 0        | 0    | 0        |
| R    | Brooks River                           | 751            | 1      | 0     | 8       | 0         | 5       | 0         | 0    | 0               | 0        | 0    | 0        |
| R    | Contact Creek                          | 123            | 0      | 0     | 0       | 0         | 1       | 0         | 0    | 36              | 7        | 0    | 0        |
| R    | Egegik River (Becharof System)         | 427            | 0      | 1,071 | 120     | 0         | 0       | 0         | 1    | 8               | 0        | 0    | 0        |
| R    | Naknek River <sup>b</sup>              | 448            | 155    | 213   | 120     | 0         | 0       | 0         | 0    | 0               | 0        | 0    | 0        |
| R    | Naknek River <sup>c</sup>              | 1,350          | 46     | 358   | 1,603   | 0         | 9       | 0         | 0    | 2               | 1        | 0    | 0        |
| R    | Naknek River and Tributaries           | 1,362          | 234    | 389   | 400     | 0         | 6       | 0         | 0    | 26              | 0        | 0    | 0        |
| R    | Other Lakes                            | 197            | 15     | 137   | 164     | 0         | 0       | 0         | 29   | 27              | 0        | 0    | 0        |
| R    | Other Streams                          | 2,493          | 443    | 1,357 | 772     | 0         | 0       | 0         | 0    | 42              | 0        | 0    | 0        |
| R    | Swikshak River                         | 65             | 0      | 169   | 0       | 0         | 0       | 0         | 0    | 0               | 0        | 0    | 0        |
| R    | Ugashik System                         | 302            | 4      | 58    | 3       | 0         | 0       | 0         | 0    | 14              | 0        | 0    | 0        |
| S    | Alagnak (Branch) River                 | 2,868          | 246    | 609   | 2,522   | 0         | 14      | 0         | 31   | 7               | 24       | 0    | 0        |
| S    | Alexey Lake                            | 19             | 0      | 0     | 0       | 0         | 0       | 0         | 0    | 0               | 0        | 1    | 0        |
| S    | Battle River                           | 277            | 0      | 0     | 0       | 0         | 0       | 0         | 0    | 0               | 0        | 0    | 0        |
| S    | Copper River (Lake Iliamna Area)       | 975            | 0      | 9     | 79      | 0         | 0       | 0         | 0    | 0               | 0        | 0    | 0        |
| S    | Funnel Creek                           | 105            | 0      | 0     | 0       | 0         | 0       | 0         | 0    | 0               | 0        | 0    | 0        |
| S    | Gibraltar River                        | 168            | 0      | 0     | 10      | 0         | 0       | 0         | 0    | 0               | 0        | 0    | 0        |
| S    | Kijik Lake                             | 35             | 0      | 0     | 0       | 0         | 0       | 0         | 1    | 0               | 0        | 0    | 0        |
| S    | Kukaklek River (Big Ku) (into Alagnak) | 226            | 0      | 0     | 44      | 0         | 0       | 0         | 0    | 0               | 0        | 0    | 0        |
| S    | Kulik River                            | 1,084          | 0      | 0     | 0       | 0         | 2       | 0         | 4    | 0               | 0        | 0    | 0        |
| S    | Kvichak River                          | 2,658          | 3      | 599   | 2,363   | 0         | 39      | 0         | 0    | 11              | 13       | 0    | 0        |
| S    | Lake Clark                             | 155            | 0      | 0     | 25      | 0         | 0       | 0         | 0    | 0               | 14       | 6    | 0        |
| S    | Lake Iliamna                           | 339            | 0      | 9     | 163     | 0         | 0       | 0         | 0    | 0               | 0        | 0    | 0        |
| S    | Little Kulik (into Nanuktuk Creek)     | 47             | 0      | 0     | 16      | 0         | 0       | 0         | 0    | 0               | 0        | 0    | 0        |
| S    | Lower Talarik Creek                    | 129            | 0      | 32    | 6       | 0         | 0       | 0         | 0    | 0               | 0        | 0    | 0        |
| S    | Moraine Creek                          | 884            | 0      | 0     | 0       | 0         | 9       | 0         | 0    | 0               | 0        | 0    | 0        |
| S    | Nanuktuk Creek                         | 139            | 0      | 0     | 0       | 0         | 0       | 0         | 0    | 0               | 0        | 0    | 0        |
| S    | Newhalen River                         | 231            | 0      | 10    | 533     | 0         | 0       | 0         | 5    | 0               | 2        | 0    | 0        |
| S    | Nonvianuk Lake                         | 44             | 0      | 0     | 0       | 0         | 0       | 0         | 1    | 0               | 0        | 0    | 0        |
| S    | Nonvianuk River (into Alagnak)         | 147            | 0      | 0     | 6       | 0         | 2       | 0         | 4    | 0               | 0        | 0    | 0        |
| S    | Other Lakes and Streams                | 50             | 0      | 0     | 1       | 0         | 0       | 0         | 0    | 0               | 0        | 0    | 0        |

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Appendix G6.–Page 4 of 4.

| Area | Site                                                 | Angler | Salmon |        |         | Trout     |         |           |      | Dolly  | Northern |      |          |
|------|------------------------------------------------------|--------|--------|--------|---------|-----------|---------|-----------|------|--------|----------|------|----------|
|      |                                                      | Days   | King   | Coho   | Sockeye | Cutthroat | Rainbow | Steelhead | Lake | Varden | Grayling | Pike | Sheefish |
| S    | Tazimina Lakes                                       | 32     | 0      | 0      | 0       | 0         | 0       | 0         | 0    | 0      | 0        | 0    | 0        |
| S    | Tazimina River                                       | 188    | 0      | 0      | 14      | 0         | 0       | 0         | 3    | 0      | 5        | 0    | 0        |
| T    | Agulowak River                                       | 858    | 0      | 5      | 1,127   | 0         | 5       | 0         | 0    | 3      | 10       | 2    | 0        |
| T    | Agulukpak River                                      | 411    | 0      | 0      | 3       | 0         | 0       | 0         | 0    | 0      | 0        | 2    | 0        |
| T    | Aleknagik Lake                                       | 88     | 0      | 2      | 54      | 0         | 0       | 0         | 0    | 4      | 0        | 0    | 0        |
| T    | Mulchatna River                                      | 104    | 0      | 55     | 1       | 0         | 5       | 0         | 0    | 2      | 8        | 0    | 0        |
| T    | Nushagak River - Black Point upstream to sonar site  | 1,817  | 605    | 243    | 18      | 0         | 8       | 0         | 0    | 3      | 0        | 0    | 0        |
| T    | Nushagak River - sonar site to outlet of Mulchatna   | 2,103  | 883    | 1,226  | 11      | 0         | 2       | 0         | 0    | 13     | 3        | 3    | 0        |
| T    | Nushagak River - upstream from mouth of Mulchatna R. | 630    | 19     | 166    | 0       | 0         | 2       | 0         | 0    | 31     | 13       | 0    | 0        |
| T    | Nushagak River System <sup>d</sup>                   | 192    | 15     | 0      | 20      | 0         | 2       | 0         | 0    | 17     | 2        | 0    | 0        |
| T    | Nuyakuk River (Tikchik-Nuyakuk Lake System)          | 285    | 0      | 33     | 23      | 0         | 0       | 0         | 1    | 1      | 12       | 3    | 0        |
| T    | Other Lakes and Streams                              | 607    | 38     | 183    | 31      | 0         | 0       | 0         | 3    | 2      | 0        | 0    | 0        |
| T    | Togiak River System                                  | 873    | 477    | 597    | 2       | 0         | 1       | 0         | 0    | 16     | 0        | 0    | 0        |
| T    | Wood River                                           | 135    | 0      | 34     | 154     | 0         | 1       | 0         | 0    | 6      | 0        | 0    | 0        |
| T    | Wood River Lakes System                              | 321    | 0      | 12     | 10      | 0         | 0       | 0         | 0    | 0      | 15       | 2    | 0        |
|      | Other Lakes and Streams in Southcentral              | 142    | 2      | 97     | 5       | 0         | 0       | 0         | 0    | 15     | 0        | 0    | 0        |
|      | Total Southcentral                                   | 94,910 | 10,556 | 38,085 | 29,146  | 1         | 359     | 9         | 93   | 1,342  | 231      | 265  | 0        |

Note: Responses with less than 4 businesses are not reported separately, to protect confidentiality of respondents. Data are current as of 05/26/2011.

<sup>a</sup> Karluk Lagoon and River below weir (to .5 mile above lagoon).

<sup>b</sup> Naknek River (downstream from Rapids Camp, including tributaries).

<sup>c</sup> Naknek River (Rapids Camp upstream to Naknek Lake, including tributaries).

<sup>d</sup> Nushagak River System (including Harris Creek and King Salmon River).

Appendix G8.–Freshwater logbook angler days and species kept by area and site, AYK Alaska, 2010.

| Area | Site                                                 | Angler<br>Days | Salmon |       |         | Trout     |         |           |      | Dolly<br>Varden | Northern |      |          |
|------|------------------------------------------------------|----------------|--------|-------|---------|-----------|---------|-----------|------|-----------------|----------|------|----------|
|      |                                                      |                | King   | Coho  | Sockeye | Cutthroat | Rainbow | Steelhead | Lake |                 | Grayling | Pike | Sheefish |
| I    | Copper River                                         | 108            | 82     | 1     | 21      | 0         | 0       | 0         | 0    | 0               | 0        | 0    | 0        |
| I    | Gulkana River (Highway to Copper River)              | 151            | 60     | 0     | 7       | 0         | 0       | 0         | 0    | 0               | 0        | 0    | 0        |
| I    | Gulkana River (West Fork to Highway)                 | 257            | 125    | 0     | 7       | 0         | 0       | 0         | 0    | 0               | 0        | 0    | 0        |
| I    | Klutina River                                        | 1,286          | 563    | 0     | 356     | 0         | 1       | 0         | 0    | 184             | 6        | 0    | 0        |
| I    | Other Streams                                        | 68             | 18     | 0     | 0       | 0         | 0       | 0         | 0    | 0               | 0        | 0    | 0        |
| U    | Other Lakes                                          | 70             | 0      | 0     | 0       | 0         | 10      | 0         | 0    | 1               | 41       | 124  | 0        |
| U    | Other Streams                                        | 1,031          | 6      | 95    | 0       | 0         | 0       | 0         | 0    | 0               | 2        | 0    | 0        |
| V    | Aniak River                                          | 630            | 10     | 47    | 3       | 0         | 0       | 0         | 0    | 24              | 4        | 12   | 5        |
| V    | Goodnews River                                       | 862            | 76     | 552   | 63      | 0         | 6       | 0         | 0    | 39              | 0        | 0    | 0        |
| V    | Holitna River                                        | 400            | 76     | 33    | 0       | 0         | 0       | 0         | 0    | 50              | 2        | 14   | 19       |
| V    | Kanektok River (Quinhagak, Chosen)                   | 1,830          | 163    | 598   | 210     | 0         | 1       | 0         | 0    | 42              | 11       | 0    | 0        |
| V    | Kuskokwim River drainages below Aniak R <sup>a</sup> | 645            | 6      | 14    | 0       | 0         | 0       | 0         | 0    | 10              | 21       | 0    | 0        |
| V    | Other Lakes and Streams                              | 134            | 0      | 1     | 1       | 0         | 0       | 0         | 0    | 1               | 0        | 0    | 0        |
| V    | Other Streams - Kuskokwim drainages above Aniak R.   | 57             | 0      | 14    | 0       | 0         | 0       | 0         | 1    | 0               | 0        | 2    | 0        |
| W    | Streams                                              | 549            | 36     | 559   | 0       | 0         | 0       | 0         | 0    | 151             | 6        | 0    | 0        |
| Y    | Lakes and Streams                                    | 1,119          | 74     | 238   | 0       | 0         | 0       | 0         | 0    | 20              | 133      | 24   | 7        |
|      | Other Lakes and Streams in AYK                       | 219            | 0      | 0     | 0       | 0         | 0       | 0         | 0    | 202             | 0        | 0    | 34       |
|      | Total AYK                                            | 9,416          | 1,295  | 2,152 | 668     | 0         | 18      | 0         | 1    | 724             | 226      | 176  | 65       |

*Note:* Responses with less than 4 businesses are not reported separately, to protect confidentiality of respondents. Data are current as of 05/26/2011.

<sup>a</sup> Kuskokwim River drainages below Aniak River; includes drainages of the Aniak River.

Appendix G9.–Freshwater logbook angler days and species kept by region, Statewide, 2010.

| Region                 | Angler  | Salmon |        |         | Trout     |         |           |      | Dolly  | Northern |      |          |
|------------------------|---------|--------|--------|---------|-----------|---------|-----------|------|--------|----------|------|----------|
|                        | Days    | King   | Coho   | Sockeye | Cutthroat | Rainbow | Steelhead | Lake | Varden | Grayling | Pike | Sheefish |
| Southeast              | 8,913   | 43     | 7,238  | 1,250   | 13        | 6       | 4         | 0    | 225    | 0        | 0    | 0        |
| Southcentral           | 94,910  | 10,556 | 38,085 | 29,146  | 1         | 359     | 9         | 93   | 1,342  | 231      | 265  | 0        |
| Arctic-Yukon-Kuskokwim | 9,416   | 1,295  | 2,152  | 668     | 0         | 18      | 0         | 1    | 724    | 226      | 176  | 65       |
| Total                  | 113,239 | 11,894 | 47,475 | 31,064  | 14        | 383     | 13        | 94   | 2,291  | 457      | 441  | 65       |

*Note:* Data are current as of 05/26/2011.

Appendix G10.–Freshwater logbook angler days and species released by area and site, Southeast Alaska, 2010.

| Area | Site                                        | Angler<br>Days | Salmon |        |         | Trout     |         |           |      | Dolly<br>Varden | Northern |      |          |
|------|---------------------------------------------|----------------|--------|--------|---------|-----------|---------|-----------|------|-----------------|----------|------|----------|
|      |                                             |                | King   | Coho   | Sockeye | Cutthroat | Rainbow | Steelhead | Lake |                 | Grayling | Pike | Sheefish |
| A    | Lakes                                       | 63             | 0      | 0      | 0       | 550       | 1       | 0         | 0    | 0               | 0        | 0    | 0        |
| A    | Streams                                     | 568            | 0      | 58     | 1       | 102       | 297     | 4         | 0    | 120             | 0        | 0    | 0        |
| B    | Other Lakes                                 | 30             | 0      | 26     | 38      | 5         | 1       | 0         | 0    | 60              | 0        | 0    | 0        |
| B    | Other Streams                               | 139            | 2      | 11     | 37      | 10        | 4       | 2         | 0    | 306             | 0        | 0    | 0        |
| B    | Thorne River and Lake                       | 42             | 0      | 1      | 0       | 13        | 4       | 1         | 0    | 49              | 0        | 0    | 0        |
| C    | Streams                                     | 201            | 39     | 103    | 33      | 94        | 14      | 59        | 0    | 171             | 0        | 0    | 0        |
| D    | Baranof Island Lakes and Streams            | 762            | 0      | 11     | 1       | 263       | 130     | 7         | 0    | 2,011           | 0        | 0    | 0        |
| D    | Chichagof Island Lakes and Streams          | 159            | 0      | 15     | 0       | 41        | 0       | 12        | 0    | 944             | 0        | 0    | 0        |
| D    | Nakwasina Sound Streams (Baranof Island)    | 86             | 0      | 0      | 0       | 0         | 0       | 0         | 0    | 312             | 0        | 0    | 0        |
| D    | Other Lakes and Streams                     | 83             | 0      | 10     | 0       | 5         | 121     | 11        | 0    | 205             | 0        | 0    | 0        |
| D    | Politoftski Creek (Baranof Island)          | 23             | 0      | 0      | 0       | 0         | 9       | 11        | 0    | 4               | 0        | 0    | 0        |
| D    | Salmon Creek (Baranof Island)               | 23             | 0      | 0      | 0       | 19        | 64      | 4         | 0    | 63              | 0        | 0    | 0        |
| D    | Sitkoh Creek and Lake (Chichagof Island)    | 42             | 0      | 0      | 0       | 246       | 127     | 0         | 0    | 79              | 0        | 0    | 0        |
| E    | Admiralty Island Streams (Admiralty Island) | 583            | 0      | 4      | 0       | 11        | 0       | 1         | 0    | 2,832           | 0        | 0    | 0        |
| E    | Other Streams                               | 926            | 1      | 49     | 0       | 20        | 0       | 11        | 0    | 3,714           | 0        | 0    | 0        |
| G    | Mud Bay Creek (Chichagof Island)            | 54             | 0      | 2      | 0       | 1         | 0       | 0         | 0    | 674             | 0        | 0    | 0        |
| G    | Other Streams                               | 336            | 0      | 34     | 3       | 98        | 0       | 0         | 0    | 1,476           | 0        | 0    | 0        |
| G    | Trail River (Chichagof Island)              | 108            | 0      | 39     | 0       | 1         | 0       | 0         | 0    | 93              | 0        | 0    | 0        |
| H    | East Alsek River                            | 409            | 0      | 2,890  | 220     | 0         | 0       | 0         | 0    | 0               | 0        | 0    | 0        |
| H    | Other Lakes and Streams                     | 1,218          | 5      | 5,957  | 8       | 88        | 0       | 251       | 0    | 131             | 0        | 0    | 0        |
| H    | Situk River (above weir)                    | 946            | 0      | 481    | 832     | 0         | 2       | 1,378     | 0    | 71              | 0        | 0    | 0        |
| H    | Situk River (below weir)                    | 140            | 0      | 28     | 59      | 0         | 0       | 46        | 0    | 19              | 0        | 0    | 0        |
| H    | Tsiu River                                  | 1,646          | 0      | 26,626 | 0       | 0         | 0       | 1         | 0    | 14              | 0        | 0    | 0        |
|      | Other Lakes and Streams in SE               | 326            | 0      | 0      | 80      | 0         | 0       | 0         | 0    | 158             | 0        | 0    | 0        |
|      | SE Total                                    | 8,913          | 47     | 36,345 | 1,312   | 1,567     | 774     | 1,799     | 0    | 13,506          | 0        | 0    | 0        |

Note: Responses with less than 4 businesses are not reported separately, to protect confidentiality of respondents. Data are current as of 05/26/2011.

Appendix G11.—Freshwater logbook angler days and species released by area and site, Southcentral Alaska, 2010.

| Area | Site                                                  | Angler<br>Days | Salmon |       |         | Trout     |         |           |      | Dolly<br>Varden | Northern |      |          |
|------|-------------------------------------------------------|----------------|--------|-------|---------|-----------|---------|-----------|------|-----------------|----------|------|----------|
|      |                                                       |                | King   | Coho  | Sockeye | Cutthroat | Rainbow | Steelhead | Lake |                 | Grayling | Pike | Sheefish |
| J    | Delight Lake                                          | 52             | 0      | 4     | 0       | 0         | 0       | 0         | 0    | 2               | 0        | 0    | 0        |
| J    | Eyak River                                            | 192            | 0      | 269   | 18      | 2         | 0       | 0         | 0    | 326             | 0        | 0    | 0        |
| J    | Other Lakes and Streams                               | 162            | 0      | 185   | 0       | 64        | 0       | 0         | 0    | 38              | 0        | 0    | 0        |
| K    | Lakes and Streams                                     | 1,366          | 14     | 43    | 3       | 0         | 63      | 0         | 0    | 3               | 1        | 0    | 0        |
| M    | Alexander Lake                                        | 28             | 0      | 0     | 0       | 0         | 0       | 0         | 0    | 0               | 0        | 557  | 0        |
| M    | Chulitna River                                        | 102            | 0      | 0     | 21      | 0         | 371     | 0         | 0    | 0               | 40       | 0    | 0        |
| M    | Chunilna Creek (Clear Creek)                          | 249            | 13     | 192   | 5       | 0         | 24      | 0         | 0    | 17              | 36       | 0    | 0        |
| M    | Deshka River (Kroto Creek)                            | 1,149          | 83     | 87    | 0       | 0         | 62      | 0         | 0    | 0               | 1        | 28   | 0        |
| M    | Fish Lake Creek and Fish Lakes (Yentna Drainage)      | 100            | 1      | 11    | 8       | 0         | 0       | 0         | 0    | 1               | 0        | 32   | 0        |
| M    | Indian Creek (into Yentna near Fish Lakes)            | 434            | 49     | 79    | 0       | 0         | 7       | 0         | 0    | 0               | 0        | 4    | 0        |
| M    | Lake Creek                                            | 3,863          | 748    | 1,215 | 232     | 0         | 4,321   | 0         | 0    | 8               | 1,129    | 10   | 0        |
| M    | Little Willow Creek                                   | 97             | 0      | 7     | 0       | 0         | 35      | 0         | 0    | 1               | 1        | 0    | 0        |
| M    | Montana Creek                                         | 19             | 0      | 1     | 0       | 0         | 30      | 0         | 0    | 0               | 2        | 0    | 0        |
| M    | Other Lakes - Chulitna/East Susitna Drainage          | 41             | 0      | 0     | 11      | 0         | 11      | 0         | 3    | 3               | 63       | 0    | 0        |
| M    | Other Streams - Chulitna / East Susitna Drainage      | 237            | 39     | 117   | 0       | 0         | 46      | 0         | 0    | 1               | 326      | 0    | 0        |
| M    | Other Lakes and Streams - West Susitna Drainage       | 256            | 61     | 356   | 2       | 0         | 36      | 0         | 0    | 19              | 48       | 0    | 0        |
| M    | Talachulitna Creek                                    | 103            | 10     | 126   | 163     | 0         | 99      | 0         | 0    | 50              | 47       | 1    | 0        |
| M    | Talachulitna River                                    | 1,476          | 567    | 710   | 96      | 0         | 767     | 0         | 0    | 365             | 353      | 4    | 0        |
| M    | Talkeetna River                                       | 644            | 88     | 132   | 254     | 0         | 37      | 0         | 0    | 22              | 28       | 0    | 0        |
| M    | Willow Creek                                          | 98             | 0      | 1     | 0       | 0         | 1,019   | 0         | 0    | 4               | 70       | 0    | 0        |
| M    | Yentna River                                          | 219            | 35     | 75    | 1       | 0         | 8       | 0         | 0    | 1               | 0        | 12   | 0        |
| M    | Yentna River Drainage (Remainder)                     | 2,817          | 598    | 2,444 | 279     | 0         | 3,429   | 0         | 16   | 1,113           | 834      | 33   | 0        |
| N    | Big River                                             | 280            | 0      | 56    | 433     | 0         | 0       | 0         | 0    | 2               | 0        | 0    | 0        |
| N    | Big River Lakes                                       | 2,616          | 0      | 936   | 2,690   | 0         | 1       | 0         | 0    | 41              | 0        | 0    | 0        |
| N    | Chuitna River                                         | 125            | 16     | 189   | 0       | 0         | 115     | 0         | 0    | 11              | 0        | 0    | 0        |
| N    | Coal Creek (into Beluga Lake)                         | 52             | 2      | 34    | 6       | 0         | 8       | 0         | 0    | 16              | 10       | 0    | 0        |
| N    | Crescent Lake                                         | 372            | 7      | 18    | 151     | 0         | 10      | 0         | 25   | 834             | 347      | 0    | 0        |
| N    | Kamishak River                                        | 223            | 0      | 473   | 14      | 0         | 2       | 4         | 0    | 780             | 14       | 0    | 0        |
| N    | Kustatan River                                        | 914            | 0      | 506   | 81      | 0         | 0       | 0         | 0    | 209             | 0        | 0    | 0        |
| N    | Other Sites (South of North Forelands)                | 400            | 1      | 729   | 6       | 0         | 0       | 0         | 16   | 664             | 0        | 0    | 0        |
| N    | Other Sites between N. Forelands and Susitna Drainage | 20             | 0      | 0     | 0       | 0         | 19      | 0         | 5    | 30              | 1        | 126  | 0        |

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Appendix G10.–Page 2 of 4.

| Area | Site                                         | Angler | Salmon |       |         | Trout     |         |           |      | Dolly  | Northern |      |          |
|------|----------------------------------------------|--------|--------|-------|---------|-----------|---------|-----------|------|--------|----------|------|----------|
|      |                                              | Days   | King   | Coho  | Sockeye | Cutthroat | Rainbow | Steelhead | Lake | Varden | Grayling | Pike | Sheefish |
| N    | Wolverine Creek mouth (by Big River Lakes)   | 1,953  | 0      | 252   | 2,862   | 0         | 0       | 0         | 0    | 0      | 0        | 0    | 0        |
| P    | Anchor River                                 | 120    | 11     | 14    | 0       | 0         | 2       | 36        | 0    | 332    | 0        | 0    | 0        |
| P    | Deep Creek                                   | 179    | 21     | 7     | 0       | 0         | 3       | 22        | 0    | 165    | 0        | 0    | 0        |
| P    | Kasilof River reach not specified            | 63     | 11     | 0     | 0       | 0         | 0       | 4         | 0    | 7      | 0        | 0    | 0        |
| P    | Kasilof River above Highway                  | 154    | 7      | 5     | 0       | 0         | 10      | 1         | 0    | 68     | 0        | 0    | 0        |
| P    | Kasilof River below Highway                  | 5,836  | 1,143  | 40    | 8       | 0         | 48      | 116       | 1    | 717    | 0        | 0    | 0        |
| P    | Kenai River - Cook Inlet to Soldotna Bridge  | 20,470 | 1,008  | 323   | 231     | 0         | 4,392   | 0         | 0    | 3,035  | 0        | 0    | 0        |
| P    | Kenai River - reach not specified            | 373    | 5      | 0     | 30      | 0         | 613     | 0         | 0    | 466    | 0        | 0    | 0        |
| P    | Kenai River - Moose River to Skilak outlet   | 3,882  | 62     | 267   | 1,181   | 0         | 15,638  | 0         | 0    | 10,674 | 31       | 8    | 0        |
| P    | Kenai River - Skilak Inlet to Kenai Lake     | 6,932  | 6      | 151   | 2,367   | 0         | 22,673  | 0         | 58   | 21,218 | 10       | 0    | 0        |
| P    | Kenai River - Soldotna Bridge to Moose River | 2,912  | 309    | 40    | 156     | 0         | 3,089   | 0         | 0    | 654    | 0        | 0    | 0        |
| P    | Ninilchik River                              | 149    | 144    | 2     | 0       | 0         | 1       | 2         | 0    | 32     | 0        | 0    | 0        |
| P    | Other Lakes                                  | 102    | 0      | 0     | 0       | 0         | 354     | 0         | 0    | 6      | 92       | 0    | 0        |
| P    | Other Streams                                | 267    | 0      | 819   | 0       | 0         | 254     | 5         | 0    | 313    | 18       | 0    | 0        |
| P    | Quartz Creek                                 | 76     | 0      | 0     | 10      | 0         | 64      | 0         | 0    | 791    | 7        | 0    | 0        |
| P    | Russian River                                | 182    | 0      | 1     | 105     | 0         | 325     | 0         | 0    | 87     | 0        | 0    | 0        |
| Q    | Afognak River (Litnik Stream)                | 112    | 0      | 26    | 9       | 0         | 9       | 2         | 0    | 6      | 0        | 0    | 0        |
| Q    | American River                               | 55     | 5      | 0     | 0       | 0         | 0       | 0         | 0    | 89     | 0        | 0    | 0        |
| Q    | Ayakulik River (sometimes called Red River)  | 359    | 161    | 1,401 | 351     | 0         | 0       | 62        | 0    | 687    | 0        | 0    | 0        |
| Q    | Dog Salmon Creek (Frazer River)              | 435    | 1      | 149   | 701     | 0         | 11      | 2         | 0    | 248    | 0        | 0    | 0        |
| Q    | Karluk Lagoon and River <sup>a</sup>         | 161    | 12     | 51    | 62      | 0         | 0       | 4         | 0    | 291    | 0        | 0    | 0        |
| Q    | Karluk Lake and River above Weir             | 175    | 0      | 145   | 65      | 0         | 0       | 661       | 0    | 1,803  | 0        | 0    | 0        |
| Q    | Olds River                                   | 58     | 4      | 13    | 0       | 0         | 0       | 0         | 0    | 16     | 0        | 0    | 0        |
| Q    | Other Remote Streams                         | 785    | 27     | 562   | 820     | 0         | 63      | 51        | 0    | 438    | 0        | 0    | 0        |
| Q    | Roadside Lakes                               | 122    | 0      | 26    | 7       | 0         | 2       | 0         | 0    | 485    | 0        | 0    | 0        |
| Q    | Roadside Streams                             | 241    | 0      | 64    | 12      | 0         | 1       | 0         | 0    | 139    | 0        | 37   | 0        |
| Q    | Saltery River                                | 1,362  | 1      | 82    | 919     | 6         | 25      | 0         | 0    | 4,470  | 2        | 0    | 0        |
| Q    | Uganik River                                 | 270    | 1      | 197   | 3       | 0         | 172     | 4         | 0    | 2,483  | 0        | 0    | 0        |
| Q    | Zachar Bay Streams                           | 62     | 0      | 26    | 0       | 0         | 0       | 0         | 0    | 76     | 0        | 0    | 0        |
| R    | American Creek                               | 1,273  | 0      | 0     | 76      | 0         | 5,154   | 0         | 3    | 15,610 | 255      | 1    | 0        |
| R    | Becharof System                              | 165    | 5      | 34    | 85      | 0         | 150     | 0         | 0    | 1,508  | 300      | 4    | 0        |

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Appendix G10.–Page 3 of 4.

| Area | Site                                   | Angler | Salmon |       |         | Trout     |         |           |      | Dolly  | Northern |      |          |
|------|----------------------------------------|--------|--------|-------|---------|-----------|---------|-----------|------|--------|----------|------|----------|
|      |                                        | Days   | King   | Coho  | Sockeye | Cutthroat | Rainbow | Steelhead | Lake | Varden | Grayling | Pike | Sheefish |
| R    | Brooks Lake                            | 35     | 0      | 0     | 1       | 0         | 185     | 0         | 12   | 0      | 0        | 4    | 0        |
| R    | Brooks River                           | 751    | 0      | 5     | 929     | 0         | 4,071   | 11        | 2    | 47     | 5        | 1    | 0        |
| R    | Contact Creek                          | 123    | 29     | 1     | 6       | 0         | 128     | 0         | 0    | 886    | 537      | 0    | 0        |
| R    | Egegik River (Becharof System)         | 427    | 1      | 1,384 | 80      | 0         | 1       | 0         | 0    | 21     | 0        | 0    | 0        |
| R    | Naknek River <sup>b</sup>              | 448    | 220    | 197   | 74      | 0         | 144     | 0         | 0    | 33     | 2        | 0    | 0        |
| R    | Naknek River <sup>c</sup>              | 1,350  | 303    | 365   | 1,557   | 0         | 4,592   | 0         | 1    | 913    | 178      | 36   | 30       |
| R    | Naknek River and Tributaries           | 1,362  | 270    | 173   | 223     | 0         | 2,539   | 0         | 752  | 3,503  | 719      | 70   | 0        |
| R    | Other Lakes                            | 197    | 0      | 159   | 110     | 0         | 213     | 0         | 7    | 188    | 0        | 20   | 0        |
| R    | Other Streams                          | 2,493  | 1,655  | 6,033 | 1,168   | 0         | 514     | 26        | 0    | 3,671  | 43       | 0    | 0        |
| R    | Swikshak River                         | 65     | 0      | 248   | 0       | 0         | 0       | 0         | 0    | 0      | 0        | 0    | 0        |
| R    | Ugashik System                         | 302    | 74     | 339   | 137     | 0         | 0       | 0         | 10   | 2,215  | 183      | 0    | 0        |
| S    | Alagnak (Branch) River                 | 2,868  | 1,424  | 1,065 | 2,841   | 0         | 2,461   | 0         | 242  | 199    | 858      | 11   | 0        |
| S    | Alexey Lake                            | 19     | 0      | 0     | 0       | 0         | 9       | 0         | 0    | 0      | 52       | 43   | 0        |
| S    | Battle River                           | 277    | 0      | 0     | 253     | 0         | 1,102   | 0         | 2    | 4      | 81       | 0    | 0        |
| S    | Copper River (Lake Iliamna Area)       | 975    | 0      | 2     | 576     | 0         | 6,904   | 0         | 0    | 19     | 7        | 75   | 0        |
| S    | Funnel Creek                           | 105    | 0      | 0     | 31      | 0         | 827     | 0         | 1    | 22     | 3        | 0    | 0        |
| S    | Gibraltar River                        | 168    | 1      | 0     | 72      | 0         | 1,040   | 0         | 0    | 5      | 10       | 0    | 0        |
| S    | Kijik Lake                             | 35     | 0      | 0     | 0       | 0         | 0       | 0         | 35   | 36     | 119      | 0    | 0        |
| S    | Kukaklek River (Big Ku) (into Alagnak) | 226    | 0      | 0     | 21      | 0         | 1,346   | 0         | 13   | 5      | 23       | 4    | 0        |
| S    | Kulik River                            | 1,084  | 0      | 0     | 253     | 0         | 11,932  | 0         | 423  | 10     | 18       | 0    | 0        |
| S    | Kvichak River                          | 2,658  | 22     | 636   | 5,437   | 0         | 6,342   | 0         | 0    | 134    | 2,221    | 366  | 0        |
| S    | Lake Clark                             | 155    | 0      | 0     | 14      | 0         | 4       | 0         | 88   | 67     | 583      | 307  | 0        |
| S    | Lake Iliamna                           | 339    | 0      | 20    | 401     | 0         | 1,266   | 0         | 0    | 2,018  | 4        | 0    | 0        |
| S    | Little Kulik (into Nanuktuk Creek)     | 47     | 0      | 0     | 27      | 0         | 272     | 0         | 0    | 44     | 0        | 0    | 0        |
| S    | Lower Talarik Creek                    | 129    | 0      | 32    | 85      | 0         | 665     | 0         | 0    | 0      | 13       | 0    | 0        |
| S    | Moraine Creek                          | 884    | 0      | 0     | 403     | 0         | 7,449   | 0         | 8    | 21     | 312      | 0    | 0        |
| S    | Nanuktuk Creek                         | 139    | 0      | 0     | 76      | 0         | 1,372   | 0         | 0    | 234    | 36       | 0    | 0        |
| S    | Newhalen River                         | 231    | 0      | 2     | 265     | 0         | 203     | 0         | 89   | 8      | 290      | 0    | 0        |
| S    | Nonvianuk Lake                         | 44     | 0      | 0     | 1       | 0         | 111     | 0         | 206  | 0      | 0        | 0    | 0        |
| S    | Nonvianuk River (into Alagnak)         | 147    | 8      | 0     | 33      | 1         | 980     | 0         | 252  | 2      | 1        | 0    | 0        |
| S    | Other Lakes and Streams                | 50     | 0      | 0     | 13      | 0         | 470     | 0         | 0    | 93     | 70       | 50   | 0        |

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Appendix G10.–Page 4 of 4.

| Area | Site                                                 | Angler | Salmon |        |         | Trout     |         |           |       | Dolly  | Northern |       |          |
|------|------------------------------------------------------|--------|--------|--------|---------|-----------|---------|-----------|-------|--------|----------|-------|----------|
|      |                                                      | Days   | King   | Coho   | Sockeye | Cutthroat | Rainbow | Steelhead | Lake  | Varden | Grayling | Pike  | Sheefish |
| S    | Tazimina Lakes                                       | 32     | 0      | 0      | 0       | 0         | 77      | 0         | 0     | 5      | 72       | 0     | 0        |
| S    | Tazimina River                                       | 188    | 0      | 1      | 37      | 0         | 705     | 0         | 2     | 48     | 864      | 0     | 0        |
| T    | Agulowak River                                       | 858    | 0      | 32     | 1,079   | 0         | 2,505   | 0         | 0     | 902    | 1,580    | 193   | 1        |
| T    | Agulukpak River                                      | 411    | 0      | 0      | 54      | 0         | 1,479   | 0         | 0     | 56     | 548      | 580   | 0        |
| T    | Aleknagik Lake                                       | 88     | 0      | 5      | 8       | 0         | 7       | 0         | 0     | 212    | 0        | 120   | 0        |
| T    | Mulchatna River                                      | 104    | 12     | 630    | 7       | 0         | 147     | 0         | 1     | 186    | 209      | 2     | 0        |
| T    | Nushagak River - Black Point upstream to Sonar Site  | 1,817  | 3,139  | 423    | 22      | 0         | 63      | 0         | 0     | 0      | 1        | 2     | 0        |
| T    | Nushagak River - sonar site to outlet of Mulchatna   | 2,103  | 2,322  | 2,291  | 3       | 0         | 12      | 0         | 0     | 8      | 79       | 6     | 0        |
| T    | Nushagak River - upstream from mouth of Mulchatna R. | 630    | 42     | 178    | 11      | 0         | 2,344   | 0         | 0     | 2,391  | 1,782    | 0     | 0        |
| T    | Nushagak River System <sup>d</sup>                   | 192    | 10     | 0      | 59      | 0         | 398     | 0         | 0     | 727    | 1,722    | 1     | 0        |
| T    | Nuyakuk River (Tikchik-Nuyakuk Lake System)          | 285    | 8      | 356    | 94      | 0         | 384     | 0         | 18    | 110    | 3,182    | 9     | 0        |
| T    | Other Lakes and Streams                              | 607    | 323    | 1,233  | 125     | 0         | 339     | 0         | 669   | 176    | 610      | 103   | 0        |
| T    | Togiak River System                                  | 873    | 2,028  | 1,408  | 31      | 0         | 441     | 0         | 8     | 562    | 41       | 28    | 0        |
| T    | Wood River                                           | 135    | 0      | 8      | 65      | 0         | 17      | 0         | 0     | 190    | 10       | 1     | 0        |
| T    | Wood River Lakes System                              | 321    | 0      | 1      | 326     | 0         | 313     | 0         | 0     | 319    | 346      | 751   | 0        |
|      | Other Lakes and Streams in SC                        | 142    | 1      | 17     | 1       | 0         | 14      | 0         | 0     | 99     | 0        | 0     | 0        |
|      | SC Total                                             | 94,910 | 17,168 | 30,936 | 31,543  | 73        | 129,960 | 1,013     | 2,968 | 91,864 | 21,480   | 3,640 | 31       |

Note: Responses with less than 4 businesses are not reported separately, to protect confidentiality of respondents. Data are current as of 05/26/2011.

<sup>a</sup> Karluk Lagoon and River below weir (to .5 mile above lagoon).

<sup>b</sup> Naknek River (downstream from Rapids Camp, including tributaries).

<sup>c</sup> Naknek River (Rapids Camp upstream to Naknek Lake, including tributaries).

<sup>d</sup> Nushagak River System (including Harris Creek and King Salmon River).

Appendix G12.–Freshwater logbook angler days and species released by area and site, AYK Alaska, 2010.

| Area | Site                                                  | Angler | Salmon |        |         | Trout     |         |           |      | Dolly  | Northern |       |          |
|------|-------------------------------------------------------|--------|--------|--------|---------|-----------|---------|-----------|------|--------|----------|-------|----------|
|      |                                                       | Days   | King   | Coho   | Sockeye | Cutthroat | Rainbow | Steelhead | Lake | Varden | Grayling | Pike  | Sheefish |
| I    | Copper River                                          | 108    | 247    | 0      | 5       | 0         | 0       | 0         | 0    | 0      | 0        | 0     | 0        |
| I    | Gulkana River (Highway to Copper River)               | 151    | 66     | 0      | 34      | 0         | 15      | 0         | 0    | 0      | 171      | 0     | 0        |
| I    | Gulkana River (West Fork to Highway)                  | 257    | 139    | 0      | 14      | 0         | 35      | 0         | 0    | 0      | 38       | 0     | 0        |
| I    | Klutina River                                         | 1,286  | 924    | 0      | 117     | 0         | 25      | 0         | 0    | 91     | 28       | 0     | 0        |
| I    | Other Streams                                         | 68     | 30     | 0      | 0       | 0         | 57      | 0         | 0    | 1      | 129      | 0     | 0        |
| U    | Other Lakes                                           | 70     | 0      | 0      | 0       | 0         | 12      | 0         | 3    | 0      | 142      | 267   | 0        |
| U    | Other Streams                                         | 1,031  | 31     | 54     | 0       | 0         | 0       | 0         | 0    | 0      | 5,930    | 51    | 0        |
| V    | Aniak River                                           | 630    | 443    | 492    | 30      | 0         | 2,388   | 0         | 0    | 4,947  | 1,444    | 269   | 45       |
| V    | Goodnews River                                        | 862    | 339    | 3,937  | 93      | 0         | 649     | 0         | 2    | 3,017  | 259      | 0     | 0        |
| V    | Holitna River                                         | 400    | 173    | 32     | 66      | 0         | 0       | 0         | 0    | 622    | 690      | 1,365 | 175      |
| V    | Kanektok River (Quinhagak, Chosen)                    | 1,830  | 612    | 1,600  | 767     | 0         | 2,606   | 0         | 1    | 5,282  | 769      | 11    | 0        |
| V    | Kuskokwim R. drainages below Aniak River <sup>a</sup> | 645    | 35     | 295    | 14      | 0         | 2,309   | 0         | 0    | 2,722  | 2,045    | 4     | 3        |
| V    | Other Lakes and Streams                               | 134    | 4      | 217    | 13      | 0         | 528     | 0         | 30   | 223    | 80       | 0     | 0        |
| V    | Other streams - Kuskokwim drainages above Aniak River | 57     | 46     | 39     | 11      | 0         | 8       | 0         | 44   | 51     | 183      | 65    | 0        |
| W    | Streams                                               | 549    | 185    | 1,515  | 0       | 0         | 0       | 0         | 0    | 1,472  | 1,102    | 19    | 0        |
| Y    | Lakes and Streams                                     | 1,119  | 287    | 1,888  | 121     | 0         | 0       | 0         | 0    | 961    | 7,579    | 4,513 | 145      |
|      | Other Lakes and Streams in AYK                        | 219    | 0      | 0      | 0       | 0         | 0       | 0         | 0    | 158    | 41       | 8     | 462      |
|      | AYK Total                                             | 9,416  | 3,561  | 10,069 | 1,285   | 0         | 8,632   | 0         | 80   | 19,547 | 20,630   | 6,572 | 830      |

Note: Responses with less than 4 businesses are not reported separately, to protect confidentiality of respondents. Data are current as of 05/26/2011.

<sup>a</sup> Kuskokwim River drainages below Aniak River; includes drainages of the Aniak River.

Appendix G13.–Freshwater logbook angler days and species released by region, Statewide, 2010.

| Region                 | Angler  | Salmon |        |         | Trout     |         |           |       | Dolly   | Northern |        |          |
|------------------------|---------|--------|--------|---------|-----------|---------|-----------|-------|---------|----------|--------|----------|
|                        | Days    | King   | Coho   | Sockeye | Cutthroat | Rainbow | Steelhead | Lake  | Varden  | Grayling | Pike   | Sheefish |
| Southeast              | 8,913   | 47     | 36,345 | 1,312   | 1,567     | 774     | 1,799     | 0     | 13,506  | 0        | 0      | 0        |
| Southcentral           | 94,910  | 17,168 | 30,936 | 31,543  | 73        | 129,960 | 1,013     | 2,968 | 91,864  | 21,480   | 3,640  | 31       |
| Arctic-Yukon-Kuskokwim | 9,416   | 3,561  | 10,069 | 1,285   | 0         | 8,632   | 0         | 80    | 19,547  | 20,630   | 6,572  | 830      |
| Total                  | 113,239 | 20,776 | 77,350 | 34,140  | 1,640     | 139,366 | 2,812     | 3,048 | 124,917 | 42,110   | 10,212 | 861      |

*Note:* Data are current as of 05/26/2011.

**APPENDIX H**  
**SALTWATER LOGBOOK SUMMARIES BY AREA**

Appendix H1.—Saltwater logbook salmon participation, effort, kept and released by area and port of offloading, Southeast Alaska, 2010.

| Area | Port of Offloading | Businesses <sup>a</sup> | Vessels <sup>a</sup> | Trips  | Angler<br>Days | King   |          |       |          | Coho<br>Kept | Sockeye<br>Kept | Other Salmon<br>Kept |
|------|--------------------|-------------------------|----------------------|--------|----------------|--------|----------|-------|----------|--------------|-----------------|----------------------|
|      |                    |                         |                      |        |                | Large  |          | Small |          |              |                 |                      |
|      |                    |                         |                      |        |                | Kept   | Released | Kept  | Released |              |                 |                      |
| A    | Clover Pass        | 5                       | 6                    | 116    | 481            | 65     | 1        | 0     | 21       | 1,132        | 14              | 919                  |
| A    | Ketchikan          | 71                      | 91                   | 4,143  | 16,444         | 1,533  | 154      | 325   | 1,703    | 8,578        | 44              | 15,744               |
| A    | Knudson Cove       | 18                      | 19                   | 865    | 3,731          | 219    | 34       | 24    | 556      | 1,589        | 22              | 3,561                |
| A    | Salmon Falls       | 5                       | 13                   | 205    | 663            | 130    | 54       | 2     | 120      | 1,132        | 1               | 970                  |
| A    | Other              | 11                      | 23                   | 664    | 1,464          | 213    | 31       | 34    | 301      | 1,650        | 9               | 1,367                |
| B    | Coffman Cove       | 6                       | 7                    | 156    | 645            | 30     | 5        | 4     | 37       | 656          | 0               | 26                   |
| B    | Craig              | 30                      | 56                   | 1,330  | 4,457          | 1,655  | 199      | 58    | 74       | 7,660        | 10              | 538                  |
| B    | Klawock            | 9                       | 18                   | 435    | 1,352          | 349    | 23       | 21    | 47       | 2,193        | 12              | 309                  |
| B    | Thorne Bay         | 8                       | 11                   | 293    | 1,039          | 52     | 17       | 2     | 111      | 1,044        | 2               | 882                  |
| B    | Whale Pass         | 4                       | 6                    | 37     | 141            | 0      | 0        | 0     | 0        | 21           | 0               | 6                    |
| B    | Other              | 24                      | 67                   | 3,081  | 12,528         | 3,426  | 342      | 52    | 776      | 15,218       | 38              | 4,496                |
| C    | Kake               | 4                       | 4                    | 27     | 128            | 0      | 0        | 0     | 0        | 22           | 0               | 0                    |
| C    | Petersburg         | 29                      | 36                   | 686    | 2,503          | 172    | 17       | 9     | 23       | 598          | 0               | 100                  |
| C    | Wrangell           | 11                      | 11                   | 189    | 748            | 88     | 8        | 2     | 41       | 143          | 0               | 11                   |
| D    | Port Alexander     | 7                       | 8                    | 133    | 462            | 90     | 25       | 3     | 4        | 250          | 150             | 55                   |
| D    | Sitka              | 95                      | 156                  | 7,296  | 29,721         | 16,044 | 3,757    | 147   | 1,157    | 35,862       | 196             | 4,434                |
| D    | Other              | 9                       | 20                   | 411    | 1,311          | 235    | 44       | 2     | 98       | 1,753        | 0               | 364                  |
| E    | Angoon             | 5                       | 11                   | 245    | 935            | 119    | 11       | 3     | 28       | 1,768        | 0               | 358                  |
| E    | Auke Bay           | 30                      | 39                   | 1,844  | 7,849          | 337    | 39       | 46    | 188      | 2,469        | 21              | 2,183                |
| E    | Juneau             | 21                      | 34                   | 389    | 1,333          | 41     | 6        | 3     | 34       | 373          | 3               | 156                  |
| E    | Other              | 10                      | 22                   | 766    | 3,108          | 104    | 21       | 13    | 75       | 1,473        | 8               | 1,301                |
| F1   | Skagway            | 5                       | 5                    | 359    | 1,325          | 157    | 60       | 5     | 822      | 1            | 0               | 5                    |
| G    | Bartlett Cove      | 9                       | 12                   | 67     | 266            | 14     | 6        | 0     | 1        | 31           | 3               | 39                   |
| G    | Elfin Cove         | 16                      | 29                   | 1,122  | 4,306          | 823    | 148      | 6     | 89       | 3,695        | 5               | 925                  |
| G    | Gustavus           | 15                      | 27                   | 1,326  | 5,372          | 322    | 61       | 7     | 74       | 1,914        | 158             | 975                  |
| G    | Hoonah             | 17                      | 19                   | 346    | 1,612          | 11     | 8        | 8     | 7        | 115          | 0               | 91                   |
| G    | Pelican            | 5                       | 9                    | 210    | 716            | 231    | 47       | 12    | 27       | 686          | 2               | 21                   |
| G    | Other              | 7                       | 8                    | 180    | 2,708          | 134    | 49       | 3     | 45       | 2,260        | 35              | 3,613                |
| H    | Yakutat            | 7                       | 11                   | 646    | 2,643          | 111    | 14       | 4     | 6        | 2,361        | 4               | 28                   |
|      | Other Southeast    | 5                       | 8                    | 253    | 920            | 53     | 8        | 0     | 248      | 209          | 0               | 41                   |
|      | Total Southeast    | 373                     | 644                  | 27,820 | 110,911        | 26,758 | 5,189    | 795   | 6,713    | 96,856       | 737             | 43,518               |

Note: Participation (number of businesses, vessels, trips and angler days) was determined by number of trips, not targeted species. Responses with less than 4 businesses are not reported separately, to protect confidentiality of respondents. Data are current as of 05/25/2011.

<sup>a</sup> Business and vessel regional and total counts are not additive as they can offload at multiple ports.

Appendix H2.—Saltwater logbook salmon participation, effort, kept, and released by area and port of offloading, Southcentral Alaska, 2010.

| Area | Port of Offloading | Businesses <sup>a</sup> | Vessels <sup>a</sup> | Trips  | Angler<br>Days | King  |          |       |          | Coho<br>Kept | Sockeye<br>Kept | Other Salmon<br>Kept |
|------|--------------------|-------------------------|----------------------|--------|----------------|-------|----------|-------|----------|--------------|-----------------|----------------------|
|      |                    |                         |                      |        |                | Large |          | Small |          |              |                 |                      |
|      |                    |                         |                      |        |                | Kept  | Released | Kept  | Released |              |                 |                      |
| J    | Chenega Bay        | 5                       | 5                    | 46     | 224            | 1     | 0        | 1     | 0        | 155          | 0               | 28                   |
| J    | Cordova            | 5                       | 5                    | 84     | 363            | 2     | 0        | 1     | 0        | 66           | 0               | 44                   |
| J    | Port Ashton        | 5                       | 5                    | 17     | 101            | 4     | 0        | 2     | 0        | 142          | 0               | 3                    |
| J    | Valdez             | 38                      | 42                   | 1,232  | 6,618          | 30    | 10       | 13    | 3        | 8,139        | 96              | 192                  |
| J    | Whittier           | 25                      | 27                   | 684    | 3,819          | 0     | 0        | 4     | 1        | 1,428        | 100             | 276                  |
| N    | Other              | 4                       | 5                    | 46     | 185            | 0     | 0        | 0     | 0        | 0            | 0               | 0                    |
| P    | Anchor Point       | 38                      | 41                   | 1,502  | 8,443          | 132   | 11       | 27    | 10       | 171          | 5               | 93                   |
| P    | Deep Creek         | 69                      | 93                   | 3,197  | 18,663         | 200   | 11       | 25    | 11       | 53           | 1               | 15                   |
| P    | Homer              | 118                     | 134                  | 5,637  | 43,252         | 1,855 | 75       | 442   | 46       | 2,927        | 284             | 1,342                |
| P    | Ninilchik          | 20                      | 24                   | 443    | 2,369          | 49    | 1        | 11    | 13       | 9            | 0               | 3                    |
| P    | Seldovia           | 7                       | 7                    | 110    | 489            | 13    | 1        | 4     | 1        | 20           | 1               | 39                   |
| P    | Other              | 11                      | 23                   | 372    | 1,230          | 112   | 3        | 3     | 1        | 231          | 5               | 3                    |
| P    | Seward             | 73                      | 110                  | 4,423  | 36,167         | 601   | 51       | 140   | 48       | 40,323       | 302             | 2,194                |
| Q    | Anton Larsen Bay   | 4                       | 4                    | 8      | 30             | 9     | 0        | 0     | 0        | 8            | 0               | 6                    |
| Q    | Kodiak             | 34                      | 36                   | 1,041  | 5,185          | 859   | 18       | 158   | 7        | 1,759        | 83              | 421                  |
| Q    | Larsen Bay         | 8                       | 15                   | 461    | 1,725          | 155   | 85       | 76    | 32       | 2,747        | 6               | 27                   |
| Q    | Port Lions         | 9                       | 12                   | 213    | 855            | 146   | 3        | 23    | 0        | 742          | 21              | 145                  |
| Q    | Raspberry Island   | 5                       | 5                    | 79     | 307            | 69    | 4        | 37    | 4        | 142          | 0               | 11                   |
| Q    | Ugak Bay           | 4                       | 5                    | 69     | 287            | 3     | 0        | 5     | 0        | 148          | 0               | 3                    |
| Q    | Other              | 29                      | 43                   | 867    | 3,092          | 282   | 16       | 142   | 149      | 3,011        | 188             | 178                  |
| R    | Other              | 11                      | 15                   | 178    | 604            | 2     | 0        | 0     | 0        | 97           | 7               | 5                    |
|      | Other Southcentral | 4                       | 8                    | 213    | 1,135          | 1     | 0        | 3     | 0        | 665          | 137             | 526                  |
|      | Total Southcentral | 403                     | 528                  | 20,922 | 135,143        | 4,525 | 289      | 1,117 | 326      | 62,983       | 1,236           | 5,554                |

Note: Participation (number of businesses, vessels, trips and angler days) was determined by number of trips, not targeted species. Responses with less than 4 businesses are not reported separately, to protect confidentiality of respondents. Data are current as of 05/25/2011.

<sup>a</sup> Business and vessel regional and total counts are not additive as they can offload at multiple ports.

Appendix H3.—Saltwater logbook salmon participation, effort, kept and released by region, statewide, 2010.

| Region | Businesses <sup>a</sup> | Vessels <sup>a</sup> | Trips  | Angler<br>Days | King   |          |       |          | Coho<br>Kept | Sockeye<br>Kept | Other Salmon<br>Kept |
|--------|-------------------------|----------------------|--------|----------------|--------|----------|-------|----------|--------------|-----------------|----------------------|
|        |                         |                      |        |                | Large  |          | Small |          |              |                 |                      |
|        |                         |                      |        |                | Kept   | Released | Kept  | Released |              |                 |                      |
| SE     | 373                     | 644                  | 27,820 | 110,911        | 26,758 | 5,189    | 795   | 6,713    | 96,856       | 737             | 43,518               |
| SC     | 403                     | 528                  | 20,922 | 135,143        | 4,525  | 289      | 1,117 | 326      | 62,983       | 1,236           | 5,554                |
| Total  | 776                     | 1,172                | 48,742 | 246,054        | 31,283 | 5,478    | 1,912 | 7,039    | 159,839      | 1,973           | 49,072               |

*Note:* Participation (number of businesses, vessels, trips and angler days) was determined by number of trips, not targeted species. Responses with less than 4 businesses are not reported separately, to protect confidentiality of respondents. Data are current as of 05/25/2011.

<sup>a</sup> Business and vessel regional and total counts are not additive as they can offload at multiple ports.

Appendix H4.—Saltwater logbook bottomfish participation, effort, kept and released by area and port of offloading, Southeast Alaska, 2010.

| Area | Port of Offloading | Businesses <sup>a</sup> | Vessels <sup>a</sup> | Trips  | Angler Days | Rockfish |          |         |          |         |          |           |          |             |          |       |          | Sablefish | Shark |
|------|--------------------|-------------------------|----------------------|--------|-------------|----------|----------|---------|----------|---------|----------|-----------|----------|-------------|----------|-------|----------|-----------|-------|
|      |                    |                         |                      |        |             | Halibut  |          | Lingcod |          | Pelagic |          | Yelloweye |          | Non-Pelagic |          |       |          |           |       |
|      |                    |                         |                      |        |             | Kept     | Released | Kept    | Released | Kept    | Released | Kept      | Released | Kept        | Released | Kept  | Released | Kept      | Kept  |
| A    | Clover Pass        | 5                       | 6                    | 116    | 481         | 399      | 59       | 11      | 3        | 184     | 2        | 56        | 0        | 41          | 0        | 0     | 0        |           |       |
| A    | Ketchikan          | 71                      | 91                   | 4,143  | 16,444      | 3,001    | 1,269    | 100     | 259      | 1,046   | 284      | 1,163     | 92       | 3,271       | 321      | 28    | 0        |           |       |
| A    | Knudson Cove       | 18                      | 19                   | 865    | 3,731       | 210      | 35       | 4       | 9        | 23      | 36       | 20        | 1        | 41          | 0        | 1     | 0        |           |       |
| A    | Salmon Falls       | 5                       | 13                   | 205    | 663         | 336      | 89       | 8       | 20       | 50      | 1        | 50        | 2        | 148         | 16       | 7     | 0        |           |       |
| A    | Other              | 11                      | 23                   | 664    | 1,464       | 374      | 49       | 19      | 9        | 233     | 11       | 114       | 1        | 303         | 20       | 7     | 0        |           |       |
| B    | Coffman Cove       | 6                       | 7                    | 156    | 645         | 523      | 305      | 11      | 7        | 21      | 0        | 48        | 0        | 147         | 2        | 4     | 0        |           |       |
| B    | Craig              | 30                      | 56                   | 1,330  | 4,457       | 2,905    | 1,094    | 490     | 411      | 3,545   | 218      | 1,287     | 27       | 1,433       | 245      | 28    | 3        |           |       |
| B    | Klawock            | 9                       | 18                   | 435    | 1,352       | 1,110    | 580      | 188     | 288      | 1,816   | 125      | 212       | 37       | 872         | 403      | 0     | 0        |           |       |
| B    | Thorne Bay         | 8                       | 11                   | 293    | 1,039       | 435      | 202      | 65      | 71       | 273     | 11       | 150       | 7        | 461         | 3        | 6     | 0        |           |       |
| B    | Whale Pass         | 4                       | 6                    | 37     | 141         | 91       | 81       | 0       | 0        | 6       | 0        | 1         | 0        | 14          | 0        | 0     | 0        |           |       |
| B    | Other              | 24                      | 67                   | 3,081  | 12,528      | 7,360    | 1,446    | 1,117   | 1,181    | 9,207   | 986      | 2,452     | 154      | 3,728       | 1,266    | 44    | 0        |           |       |
| C    | Kake               | 4                       | 4                    | 27     | 128         | 96       | 3        | 3       | 3        | 110     | 1        | 31        | 0        | 0           | 1        | 0     | 0        |           |       |
| C    | Petersburg         | 29                      | 36                   | 686    | 2,503       | 1,563    | 3,362    | 6       | 44       | 397     | 61       | 68        | 13       | 144         | 35       | 19    | 1        |           |       |
| C    | Wrangell           | 11                      | 11                   | 189    | 748         | 232      | 82       | 5       | 5        | 19      | 0        | 13        | 0        | 22          | 1        | 1     | 0        |           |       |
| D    | Port Alexander     | 7                       | 8                    | 133    | 462         | 219      | 142      | 26      | 79       | 195     | 33       | 88        | 2        | 38          | 4        | 26    | 0        |           |       |
| D    | Sitka              | 95                      | 156                  | 7,296  | 29,721      | 13,143   | 5,176    | 1,230   | 6,051    | 31,437  | 1,555    | 7,281     | 685      | 6,114       | 318      | 246   | 3        |           |       |
| D    | Other              | 9                       | 20                   | 411    | 1,311       | 650      | 459      | 7       | 54       | 236     | 441      | 116       | 11       | 231         | 9        | 0     | 0        |           |       |
| E    | Angoon             | 5                       | 11                   | 245    | 935         | 582      | 232      | 3       | 5        | 240     | 16       | 64        | 0        | 332         | 9        | 29    | 0        |           |       |
| E    | Auke Bay           | 30                      | 39                   | 1,844  | 7,849       | 2,069    | 1,678    | 7       | 18       | 648     | 8        | 58        | 5        | 745         | 20       | 1,675 | 0        |           |       |
| E    | Juneau             | 21                      | 34                   | 389    | 1,333       | 276      | 334      | 2       | 8        | 146     | 44       | 31        | 6        | 119         | 40       | 4     | 0        |           |       |
| E    | Other              | 10                      | 22                   | 766    | 3,108       | 1,997    | 940      | 57      | 112      | 2,887   | 21       | 366       | 17       | 609         | 29       | 1,756 | 0        |           |       |
| F1   | Skagway            | 5                       | 5                    | 359    | 1,325       | 5        | 1        | 0       | 0        | 1       | 0        | 0         | 0        | 0           | 16       | 0     | 0        |           |       |
| G    | Bartlett Cove      | 9                       | 12                   | 67     | 266         | 142      | 328      | 3       | 19       | 23      | 13       | 1         | 1        | 7           | 2        | 0     | 0        |           |       |
| G    | Elfin Cove         | 16                      | 29                   | 1,122  | 4,306       | 2,240    | 2,513    | 181     | 1,592    | 3,620   | 570      | 719       | 119      | 1,047       | 138      | 41    | 0        |           |       |
| G    | Gustavus           | 15                      | 27                   | 1,326  | 5,372       | 3,849    | 6,193    | 153     | 373      | 699     | 81       | 253       | 12       | 281         | 42       | 0     | 0        |           |       |
| G    | Hoonah             | 17                      | 19                   | 346    | 1,612       | 634      | 2,297    | 1       | 3        | 14      | 9        | 11        | 2        | 15          | 7        | 0     | 0        |           |       |
| G    | Pelican            | 5                       | 9                    | 210    | 716         | 314      | 223      | 18      | 22       | 191     | 22       | 113       | 7        | 43          | 4        | 0     | 0        |           |       |
| G    | Other              | 7                       | 8                    | 180    | 2,708       | 2,581    | 3,390    | 37      | 47       | 60      | 56       | 17        | 19       | 41          | 63       | 5     | 1        |           |       |
| H    | Yakutat            | 7                       | 11                   | 646    | 2,643       | 3,359    | 885      | 922     | 366      | 1,895   | 94       | 97        | 0        | 349         | 11       | 0     | 0        |           |       |
|      | Other Southeast    | 5                       | 8                    | 253    | 920         | 385      | 375      | 13      | 54       | 318     | 46       | 57        | 11       | 162         | 4        | 0     | 0        |           |       |
|      | Total Southeast    | 373                     | 644                  | 27,820 | 110,911     | 51,080   | 33,822   | 4,687   | 11,113   | 59,540  | 4,745    | 14,937    | 1,231    | 20,758      | 3,029    | 3,927 | 8        |           |       |

Note: Participation (number of businesses, vessels, trips and angler days) was determined by number of trips, not targeted species. Responses with less than 4 businesses are not reported separately, to protect confidentiality of respondents. Data are current as of 05/25/2011.

<sup>a</sup> Business and vessel regional and total counts are not additive as they can offload at multiple ports.

Appendix H5.—Saltwater logbook bottomfish participation, effort, kept, and released by area and port of offloading, Southcentral Alaska, 2010.

| Rockfish |                    |                         |                      |        |         |         |          |         |          |         |          |           |          |             |          |           |       |  |
|----------|--------------------|-------------------------|----------------------|--------|---------|---------|----------|---------|----------|---------|----------|-----------|----------|-------------|----------|-----------|-------|--|
| Port of  |                    | Angler                  |                      |        |         | Halibut |          | Lingcod |          | Pelagic |          | Yelloweye |          | Non-Pelagic |          | Sablefish | Shark |  |
| Area     | Offloading         | Businesses <sup>a</sup> | Vessels <sup>a</sup> | Trips  | Days    | Kept    | Released | Kept    | Released | Kept    | Released | Kept      | Released | Kept        | Released | Kept      | Kept  |  |
| J        | Chenega Bay        | 5                       | 5                    | 46     | 224     | 367     | 0        | 23      | 4        | 407     | 14       | 15        | 0        | 20          | 4        | 0         | 0     |  |
| J        | Cordova            | 5                       | 5                    | 84     | 363     | 304     | 86       | 47      | 19       | 255     | 166      | 93        | 1        | 62          | 6        | 0         | 0     |  |
| J        | Port Ashton        | 5                       | 5                    | 17     | 101     | 144     | 73       | 31      | 9        | 104     | 0        | 12        | 0        | 4           | 2        | 0         | 0     |  |
| J        | Valdez             | 38                      | 42                   | 1,232  | 6,618   | 6,920   | 5,448    | 1,999   | 1,347    | 2,339   | 139      | 1,763     | 229      | 460         | 30       | 20        | 10    |  |
| J        | Whittier           | 25                      | 27                   | 684    | 3,819   | 4,497   | 3,269    | 571     | 307      | 689     | 191      | 568       | 13       | 482         | 17       | 16        | 1     |  |
| N        | Other              | 4                       | 5                    | 46     | 185     | 321     | 119      | 1       | 4        | 0       | 0        | 0         | 0        | 0           | 1        | 0         | 0     |  |
| P        | Anchor Point       | 38                      | 41                   | 1,502  | 8,443   | 16,035  | 18,442   | 316     | 209      | 218     | 15       | 111       | 3        | 69          | 13       | 0         | 0     |  |
| P        | Deep Creek         | 69                      | 93                   | 3,197  | 18,663  | 35,551  | 44,491   | 33      | 48       | 75      | 2        | 26        | 5        | 23          | 8        | 8         | 1     |  |
| P        | Homer              | 118                     | 134                  | 5,637  | 43,252  | 79,070  | 106,842  | 3,355   | 1,549    | 9,907   | 910      | 1,228     | 43       | 1,809       | 119      | 33        | 1     |  |
| P        | Ninilchik          | 20                      | 24                   | 443    | 2,369   | 4,389   | 5,475    | 61      | 35       | 14      | 8        | 37        | 2        | 21          | 1        | 0         | 0     |  |
| P        | Seldovia           | 7                       | 7                    | 110    | 489     | 877     | 1,073    | 34      | 8        | 11      | 9        | 33        | 2        | 1           | 0        | 0         | 0     |  |
| P        | Other              | 11                      | 23                   | 372    | 1,230   | 1,945   | 4,671    | 1       | 8        | 12      | 0        | 3         | 1        | 0           | 0        | 0         | 0     |  |
| P        | Seward             | 73                      | 110                  | 4,423  | 36,167  | 47,274  | 22,000   | 5,489   | 2,216    | 25,644  | 1,523    | 4,722     | 83       | 3,642       | 287      | 74        | 3     |  |
| Q        | Anton Larsen Bay   | 4                       | 4                    | 8      | 30      | 49      | 19       | 2       | 0        | 40      | 19       | 0         | 0        | 0           | 0        | 0         | 0     |  |
| Q        | Kodiak             | 34                      | 36                   | 1,041  | 5,185   | 7,133   | 3,902    | 1,423   | 160      | 8,518   | 952      | 435       | 7        | 2,435       | 134      | 0         | 0     |  |
| Q        | Larsen Bay         | 8                       | 15                   | 461    | 1,725   | 2,391   | 6,102    | 57      | 90       | 695     | 145      | 268       | 18       | 118         | 28       | 0         | 0     |  |
| Q        | Port Lions         | 9                       | 12                   | 213    | 855     | 989     | 272      | 43      | 12       | 357     | 36       | 11        | 0        | 13          | 0        | 1         | 0     |  |
| Q        | Raspberry Island   | 5                       | 5                    | 79     | 307     | 392     | 410      | 10      | 3        | 88      | 47       | 2         | 0        | 0           | 0        | 0         | 0     |  |
| Q        | Ugak Bay           | 4                       | 5                    | 69     | 287     | 165     | 85       | 6       | 6        | 321     | 786      | 3         | 0        | 16          | 76       | 0         | 0     |  |
| Q        | Other              | 29                      | 43                   | 867    | 3,092   | 2,760   | 3,220    | 714     | 433      | 1,332   | 1,666    | 279       | 14       | 389         | 347      | 0         | 3     |  |
| R        | Other              | 11                      | 15                   | 178    | 604     | 849     | 831      | 26      | 1        | 101     | 61       | 8         | 1        | 58          | 17       | 1         | 0     |  |
|          | Other Southcentral | 4                       | 8                    | 213    | 1,135   | 965     | 257      | 92      | 43       | 1,183   | 19       | 538       | 38       | 87          | 13       | 0         | 0     |  |
|          | Total Southcentral | 403                     | 528                  | 20,922 | 135,143 | 213,387 | 227,087  | 14,334  | 6,511    | 52,310  | 6,708    | 10,155    | 460      | 9,709       | 1,103    | 153       | 19    |  |

Note: Participation (number of businesses, vessels, trips and angler days) was determined by number of trips, not targeted species. Responses with less than 4 businesses are not reported separately, to protect confidentiality of respondents. Data are current as of 05/25/2011.

<sup>a</sup> Business and vessel regional and total counts are not additive as they can offload at multiple ports.

Appendix H6.—Saltwater logbook bottomfish participation, effort, kept, and released by region, statewide, 2010.

| Rockfish |                         |                      |        |         |         |          |         |          |         |          |           |          |             |          |           |       |
|----------|-------------------------|----------------------|--------|---------|---------|----------|---------|----------|---------|----------|-----------|----------|-------------|----------|-----------|-------|
|          |                         |                      |        | Angler  | Halibut |          | Lingcod |          | Pelagic |          | Yelloweye |          | Non-Pelagic |          | Sablefish | Shark |
| Region   | Businesses <sup>a</sup> | Vessels <sup>a</sup> | Trips  | Days    | Kept    | Released | Kept    | Released | Kept    | Released | Kept      | Released | Kept        | Released | Kept      | Kept  |
| SE       | 373                     | 644                  | 27,820 | 110,911 | 51,080  | 33,822   | 4,687   | 11,113   | 59,540  | 4,745    | 14,937    | 1,231    | 20,758      | 3,029    | 3,927     | 8     |
| SC       | 403                     | 528                  | 20,922 | 135,143 | 213,387 | 227,087  | 14,334  | 6,511    | 52,310  | 6,708    | 10,155    | 460      | 9,709       | 1,103    | 153       | 19    |
| Total    | 776                     | 1,172                | 48,742 | 246,054 | 264,467 | 260,909  | 19,021  | 17,624   | 111,850 | 11,453   | 25,092    | 1,691    | 30,467      | 4,132    | 4,080     | 27    |

*Note:* Participation (number of businesses, vessels, trips and angler days) was determined by number of trips, not targeted species. Responses with less than 4 businesses are not reported separately, to protect confidentiality of respondents. Data are current as of 05/25/2011.

<sup>a</sup> Business and vessel regional and total counts are not additive as they can offload at multiple ports.