Appendix 1. Data Collection and Survey Questions

Though we developed a survey-questionnaire that could have been filled out by respondents if they chose, the majority of our data was collected via face-to-face interviews in the primary language of each fisher. Respondents were first asked to participate, and then asked a few general warm up questions regarding their position in the fishery and their experience fishing. Respondents were then asked to nominate at least five, but up to ten people with whom they share useful information regarding different aspects of fishing within the HLF that they felt was valuable for their fishing success. Respondents were prompted to consider relationships that they might have with vessel owners, captains, supply store owners or other industry leaders, government/management officials, and members of the scientific community. Respondents were also asked to consider relationships they might have with fishers or other actors from different ethnic backgrounds. General sociodemographics and ethnic association were also collected. 100% of K-A and V-A fishers self-identified as either Korean or Vietnamese (respectively). The majority of E-A fishers self-identified as ‘Caucasian’ or ‘American’ when asked their ethnicity, while some E-A fishers reported European ancestry. A limited number of questionnaires were sent and returned via mail and email to owners currently living on the mainland U.S., outside of the study area. When this was the case, a cover letter was attached describing the study and study aim. Our survey used the following format to gain insight into the nature of each relationship identified, and left ten open spaces for respondents to identify individuals in their network:

I. _______ (name of individual) _______ professional acquaintance friend family member
strength of relationship (circle one):
very strong strong weak very weak

A. How did you meet this person?
☑ family member ☑ through fishing ☑ from a friend
☑ from a family member ☑ other: ______________________

B. How often do you share useful information about aspects of fishing with this person?
☑ Not often (1-3 times/yr.) ☑ Sometimes (1-3 times/mo.) ☑ A lot (1-3 times/wk. or more)

C. What do you typically talk to this person about? (check all that apply)
☑ gear type ☑ weather conditions ☑ site catch/location
☑ fish activity ☑ bycatch/turtle activity ☑ vessel technology/maintenance
☑ fishery regulations ☑ hiring of crew/captain

D. In general, how valuable would you say the information that you share with this person is to your fishing success?
☑ Very valuable ☑ Somewhat valuable ☑ Not valuable