



## PACIFIC STATES MARINE FISHERIES COMMISSION

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### **Electronic Logbook for West Coast Region Groundfish Fixed Gear Fisheries RFP Questions & Answers 05/25/2022**

1. Will PSMFC extend the solicitation due date by two weeks to June 17, 2022?

Response: Since we don't know who the possible vendors will be, we have no way to inform them of this change. Consequently, we won't be extending the date.

2. Would PSMFC like this app to be seamlessly interoperable with the current Oregon State e-forms RFP Solicitation "FIELD TEST OF AN INTEGRATED DUNGENESS CRAB ELECTRONIC LOGBOOK AND VESSEL MONITORING SYSTEM"?

Response: While these projects are related, and while would be a benefit to both parties, it's not expected that this application would be interoperable with the Oregon Department of Fish and Wildlife solution.

3. Could you please clarify the post-delivery/maintenance phase? Whether you will own this or would like us to submit a maintenance plan.
  - a. On Page 7 it states: "the vendor should submit an hourly rate for updates to the application, maintenance" and on page 3: "The final version of the application will be owned by PSFMC/NOAA"

Response: The application must be developed and operable for implementation starting December 1, 2022. PSMFC will own the application to the extent that we can modify it for future uses without the original vendor's assistance. Given the timeline, it is likely that edits and changes will be needed post December 1. It will be PSMFC's decision to continue with the original vendor for those changes or select a new vendor.

4. 7.10 User Authentication: Do you expect the user database to be synchronized with a centralized database (e.g. per permit number) or a local, per-device database?

Response: These will be synchronized with a centralized database

5. Appendix A: For the signature, would the printed name be sufficient (with maybe a checkbox "I hereby certify that, to the best of my knowledge...")? Or an image of the signature should be transmitted?

Response: A printed name and checkbox like that described, along with user authentication, will be sufficient.

6. Regarding the form fields (Appendix B):
  - a. Will there be an API available to pull and refresh all the lookup data like Vessel Name and Species,
  - b. Date/Time/Position: Should they be pulled from the VMS or the device GPS?
  - c. Workflow: Do the captains usually fill out the form all at once or usually

Response:

APIs for gear codes, species, etc. can be made available. Due to confidentiality constraints with some of the states, more specific information like vessel names, registration numbers, skipper names may not be available. It is expected that the skipper would provide that information in the initialization of the application for their use.

Either VMS or the unit GPS would be acceptable for date/time/position. Not all of the vessels will have a VMS unit (or other external location device).

The last part of the question got truncated – each skipper will have their own timing of entering information. In a perfect world, the skipper would use a GPS signal (internal to their smartphone or external) when setting and retrieving gear. As such, location information could be captured during the fishing operation with catch information added after the fact. It is assumed skippers will sometimes forget to grab the GPS location and will need to be able to enter or edit location information after the fact.

7. What is the target platform for hosting the server-side application to handle business logic and communication between the mobile applications and the PSMFC database?

Response: A SQL Server database will house the data. APIs will be used for any communication between devices and the PSMFC database. For example, there will be an API for sharing lookup lists, another for submitting the data back to the database, etc.

8. Are there any requirements for an administrative and/or agency interface to the database for actions such as user and access management, data review and edit, or data reporting?

Response: No. All those functions will be handled internally.

9. How will authentication be handled? Does PSMFC maintain an authentication store that the mobile application needs to interface with?

Response: PSMFC anticipates managing the authentication store, but this has not been fully defined. The vendor will be able to work with PSMFC and their sub-contractors who maintain the database on these particulars.

10. How large is the expected deployment starting Dec 1? How many vessels? Will "beta testing" be possible prior to Dec 1 with cooperative vessel captains?

Response: Yes on beta testing. In terms of number of vessels, the answer isn't clear and we are trying top in that down. To give some semblance of scope, there are expected to be approximately 11,000 trips each year, but it is likely that a relatively small proportion will use the elogbook initially since paper logbooks will be accepted for the first year of the program.

11. By future "laptop" compatibility, does this refer to Windows-based laptops?

Response: Not necessarily. The operating systems skippers own may be non-Windows.

12. Does PSMFC have experience designing API's for upload/download of fisheries data, or is assistance from vendor required/possible?

Response: PSMFC has experience in designing APIs to receive and send data to management agencies and larger companies for programs like the electronic fish ticket system and Electronic Monitoring (cameras) programs.

13. Will this be a SQL Server back-end?

Response: yes

14. Will we be able to create our own set of tables for staging that transforms and loads into the existing model, or do we need to feed directly into the existing database from the mobile app?

Response: Either works. Ultimately, the data will be housed in an existing database.

15. Will we have access to the dev, test, and production mobile and database environments for testing the application and its final move to production?

Response: Some access may/will be necessary.

16. We will make use of the mobile phone location services for the initial proposal but for the follow-on requirement of pulling location from VMS, are these standardized VMS units or do they vary in output protocol for providing location?

Response: Moving past the initial rollout into tablets and other devices, it is expected that many vessels will have external GPS units.

17. Are there any ADA or WCAG compliance requirements for the mobile or follow-own applications?

Response: The mobile application and any follow-ons will need to meet ADA requirements.