Seal and Sea Lion Reporter (version 2)
User Guide (version 2024-03-29)

The **Seal and Sea Lion Reporter** is an ESRI Survey123 form that can be used by anyone to report pinniped sightings to the Oregon Department of Fish and Wildlife's (ODFW) Marine Mammal Program. Sightings can be reported using either a web browser or a mobile app, real-time or after-the-fact, and in the field or back at one's home or office. This crowd-sourced data will be used to identify potential pinniped "hot spots" in the basin for future research or management. Note that no personal information is asked for or collected by the form and there are no usernames or passwords needed. The form is quite easy to use, and hopefully self-explanatory, but detailed instructions are given below for reference. For more information contact bryan.e.wright@odfw.oregon.gov.

Option 1: Web browser

If using a web browser, go to this link: https://arcg.is/1K0rf90

This will launch a web page with a few short mandatory questions about when, where, and what you saw, followed by the options to add pictures and comments. At the end of the form there is a submit button and contact information if you have questions. See below for detailed tour of the survey questions.
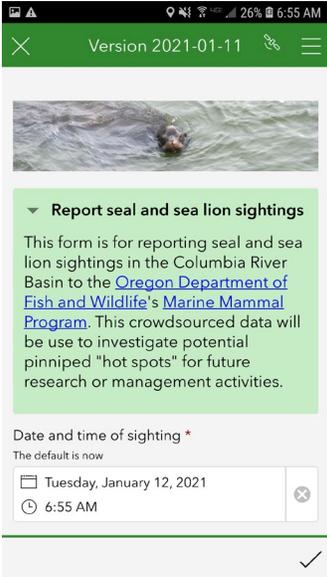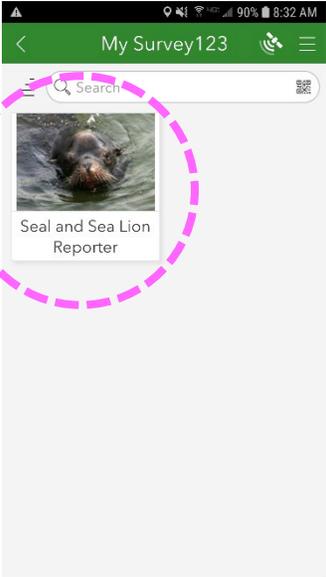
Option 2: Phone App

If using the app on your smartphone or tablet, first download and open the free "ArcGIS Survey123" app from iTunes App Store (iPhone) or Google Play (Android). If you don't already have Survey123 installed on your mobile device, then you can use the QR code on the next page to install it but then you'll have to scan the QR code a second time to download the survey form.

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Once the app is installed on your smartphone or tablet then scan the following QR code with your camera and follow these steps:
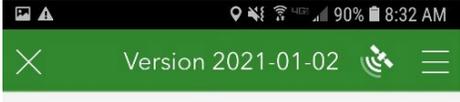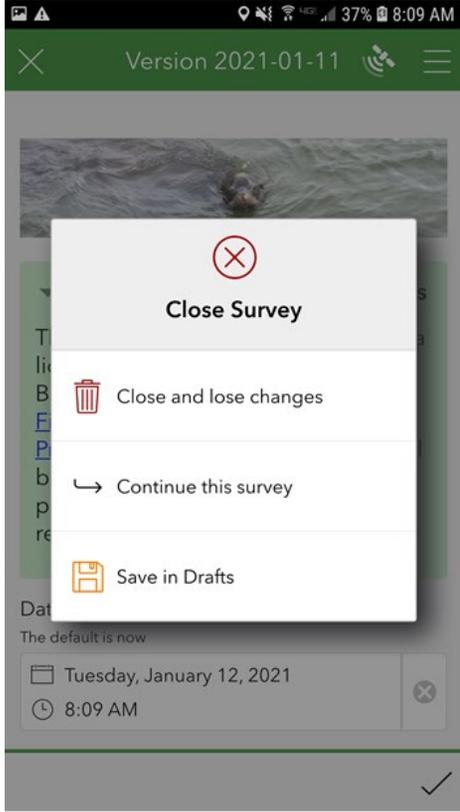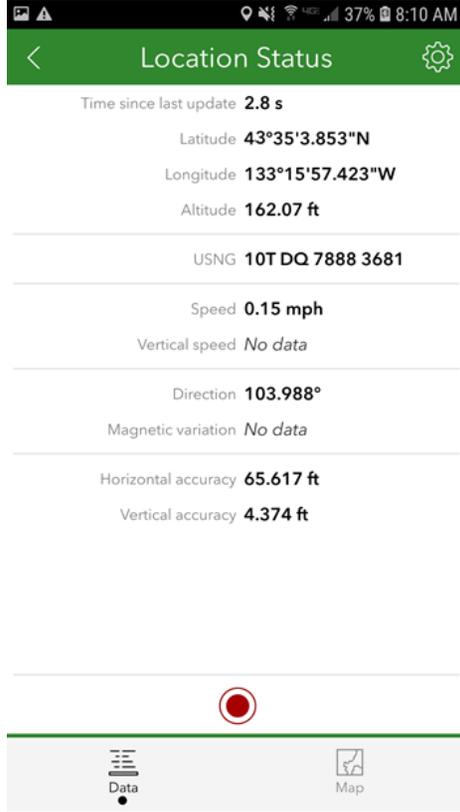
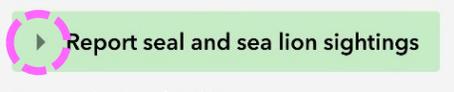| Scan with you device's camera	Select "Continue without signing in"	The form should automatically download…
(scan again if installing Survey123 for the first time)		
…and then open.	**From then on, the form is opened from inside the app…**	**…and started by selecting "Collect"**
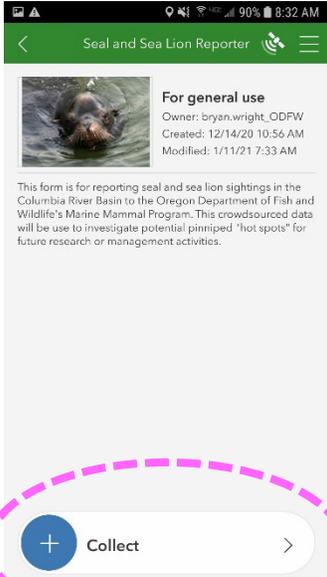
Survey tour

The survey questions are relatively short and hopefully self-explanatory but the following provides a brief tour and explanation of each question and some of the other survey features. The screen shots are for what the survey might look like on a smartphone and may vary somewhat from the layout in a tablet, web browser or other device.

Title bar			
	X: At the top left is a button that will generate the Close Survey menu at right. It allows you to delete the current survey, continue, or save as a draft (discussed further below). Title: At the top center of the app is a title that displays the version date of the app. This will change periodocially as the app is updated. Satellite: The satelitte symbol shows you your current location status based on the GPS chip in your mobile device if applicable. Menu: The horizontal lines at top right allow you to set favorite or default answers and generally would not apply to this survey.		

|			
Collapsable summary	Report seal and sea lion sightings This form is for reporting seal and sea lion sightings in the Columbia River Basin to the Oregon Department of Fish and Wildlife's Marine Mammal Program. This crowdsourced data will be use to investigate potential pinniped "hot spots" for future research or management activities.	The top of the survey contains a short, collapsable summary describing the purpose of the form and providing links to the ODFW and Marine Mammal Program websites. The paragraph collapses from view if you select the triangle to the left of the title. Report seal and sea lion sightings	
Date and time of sighting (required)	Date and time of sighting * The default is now Monday, January 11, 2021 8:32 AM Defaults to current date and time unless changed by clicking on the date and/or time components. Selectable date and time pop-ups appear similar to what's shown at right, depending on the device.	Date and time of sighting * The default is now Tuesday, January 12, 2021 8:41 AM	Date and time of sighting * The default is now Tuesday, January 12, 2021 8:41 AM
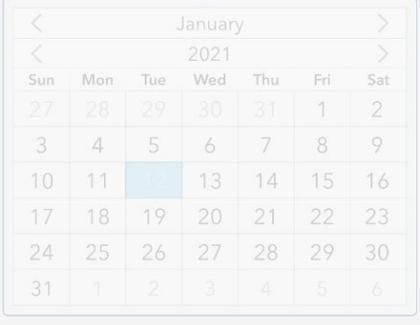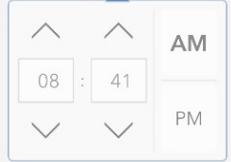
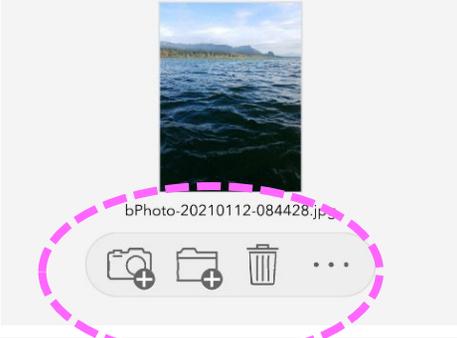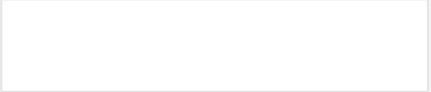| Location of sighting (required) | Defaults to device location or Willamette River near Oregon City depending on device. Change location by clicking on the map and navigating to the location of the sighting. Note that basemap and zoom level can be changed by using the menu on the map (see images at right). When final location is selected on map then click check mark at bottom right on map. | | |
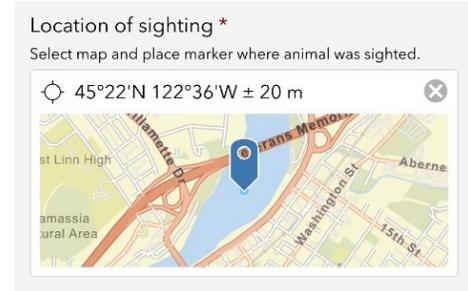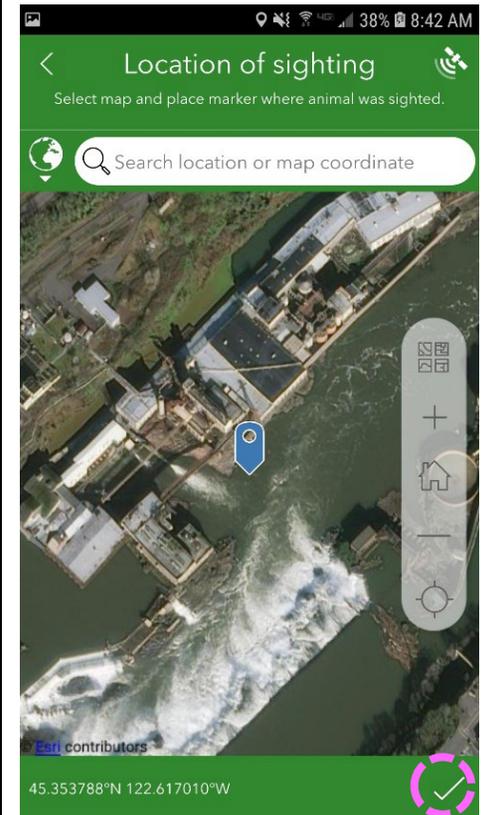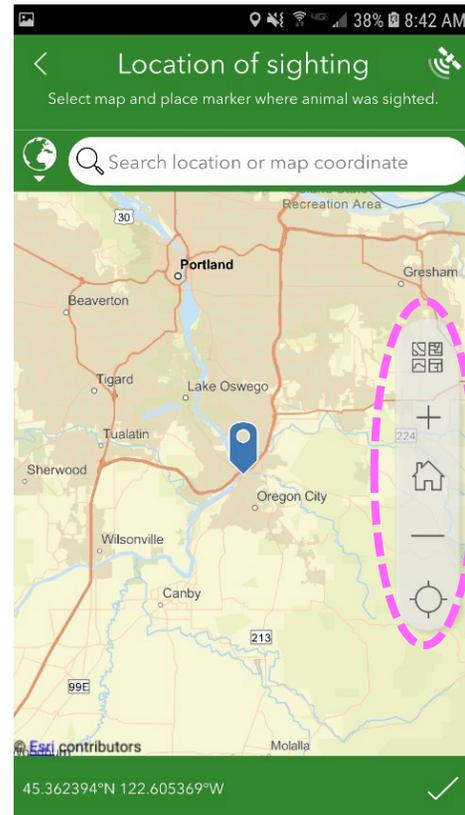
Species observed (required)	Species observed * Please submit one report per species. Click here for help on how to tell California sea lions from Steller sea lions. ○ California sea lion ○ Steller sea lion ○ Unknown sea lion ○ Harbor seal ○ Unknown seal or sea lion	Select one option from list. If more than one species is observed then submit one survey per species. For help on distinguishing between the two sea lion species there is a link to the PDF at right describing the differences.	Distinguishing between Steller & California sea lions
Number observed (required)	Number observed *	Enter number of individual animals observed (must be greater than zero). Please submit only one survey per individual animal observed per day.	
Behavior observed (required)	Behavior observed * ○ Consuming prey (not stolen from angler) ○ Consuming prey (stolen from angler) ○ Hauled out ○ Swimming/foraging ○ Dead ○ Other	Enter one behavior from the list. Note that if "Other" is selected then a new text window will appear in which the other behavior must be described (see image at right).	Behavior observed * ○ Consuming prey (not stolen from angler) ○ Consuming prey (stolen from angler) ○ Hauled out ○ Swimming/foraging ○ Dead ● Other Other *

Photo(s) of sighting (optional)	Photo of sighting General area is useful even if animal is not in view. 	While the previous five questions were mandatory (when, where, who, how many, and what), the remaining two fields (photo and comments) are optional. One or more photos can be submitted either by using the device camera or uploading an image from a stored file.	Photo of sighting General area is useful even if animal is not in view. bPhoto-20210112-084428.jpg
Comments (optional)	Comments 	Optional comment field.	

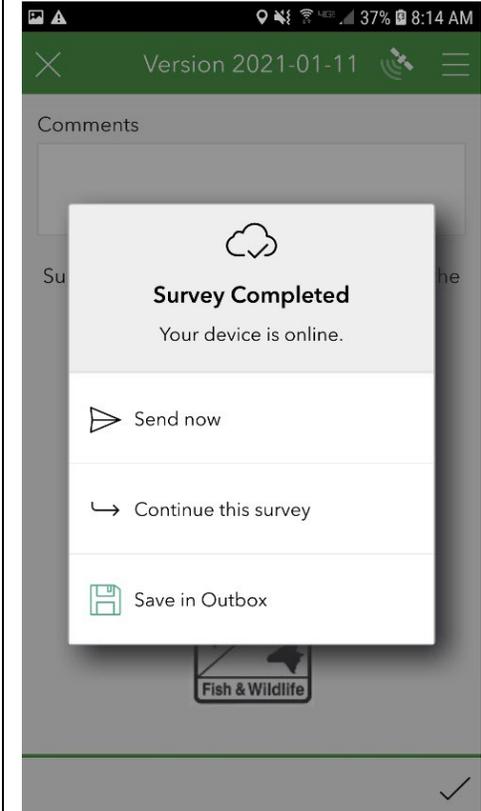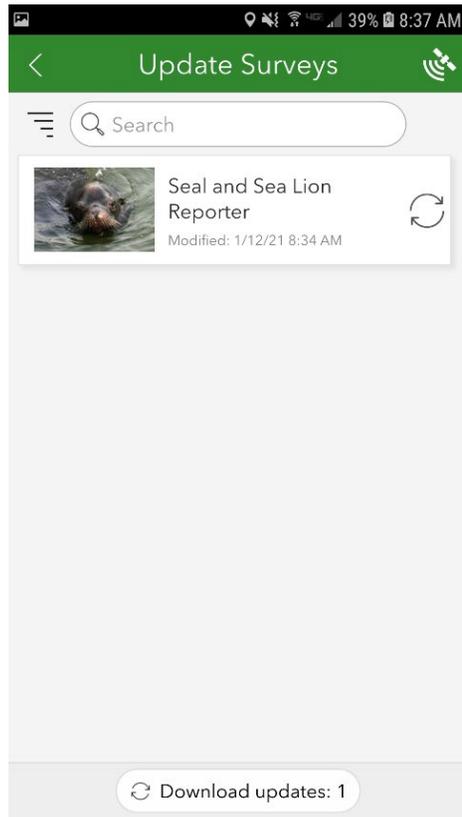|				
Submit survey	Submit sighting to ODFW by using either the submit button or check mark below, depending on your device. **Thank you!** Questions? Contact bryan.e.wright@state.or.us [OREGON Fish & Wildlife logo] ✓ Once all the mandatory and optional fields are completed then submit the survey by selecting the check mark (or similar) at bottom of app. The app will warn user if there are errors that need correcting (see images at center right). If the survey is complete then an option is given to submit, continue, or save in Outbox for submission later (see image at far right).	❗ Date-time cannot be in future Date and time of sighting * The default is now 📅 Wednesday, January 13, 2021 🕐 9:29 AM ❗ This is a required question Species observed * Please submit one report per species. Click here for help on how to tell California sea lions from Steller sea lions. ○ California sea lion ○ Steller sea lion ○ Unknown sea lion ○ Harbor seal ○ Unknown seal or sea lion ❗ Enter a number > 0 Number observed * 0		⬛ ⚠ 📍 🔕 📶 37% 🔋 8:14 AM ✕ Version 2021-01-11 Comments Su... he ☁ **Survey Completed** Your device is online. ▷ Send now ↳ Continue this survey 💾 Save in Outbox [Fish & Wildlife logo] ✓

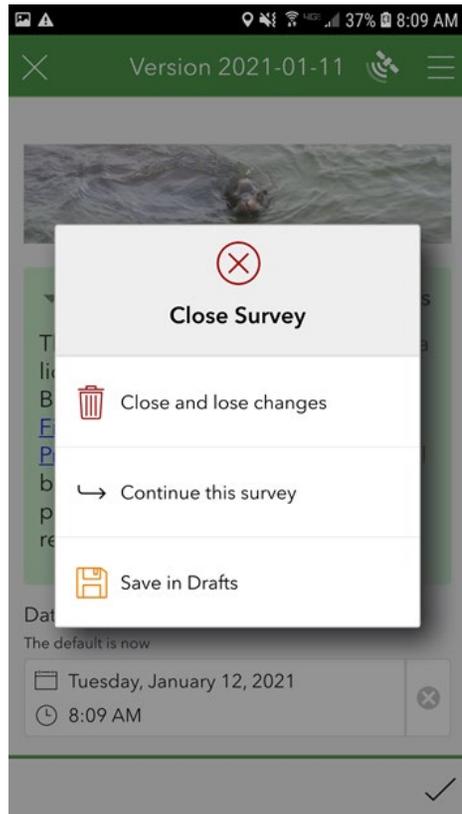|			
Automateic survey updates		Periodically there may be updates to the app that will automatically be pushed out to the user. When this occurs the user will be promoted to update the survey (see image at left).	

| Saving draft surveys | | The user may choose to save a survey without submitting it. In this case the survey can be saved in the draft folder and then completed and submitted later. | |