

**RFI 163  
Pebble Project EIS**

**Request for Information**

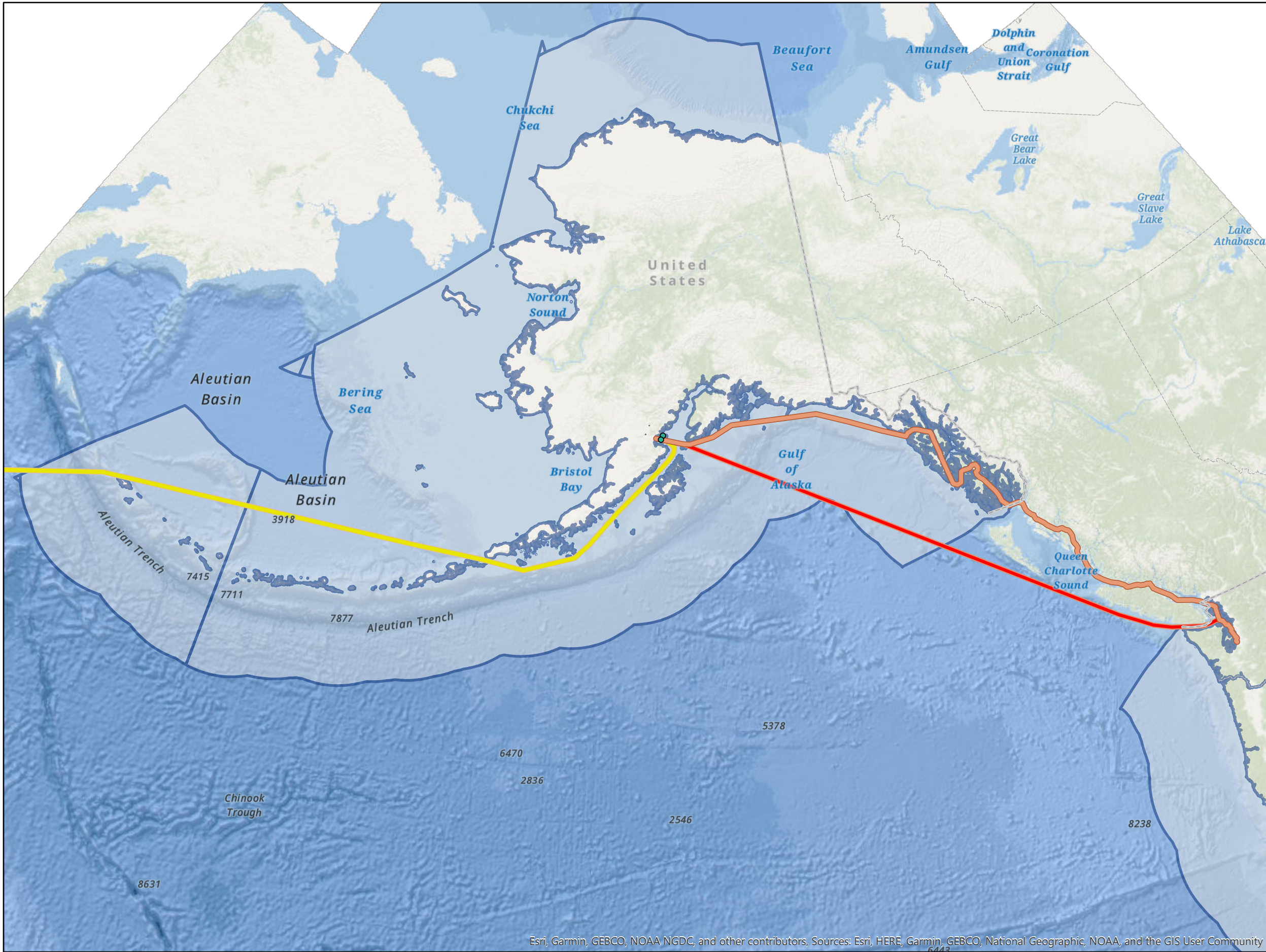
<b>Title/Subject:</b>	<b>Vessel Route for Bulk Carriers</b>
<b>Requestor:</b>	US Army Corps of Engineers
<b>Date Transmitted:</b>	3/4/2020
<b>Recipient:</b>	Pebble Limited Partnership
<b>Response Requested by:</b>	3/11/2020
<b>Rationale:</b>	The vessel route(s) for bulk carriers, including vessels needed for construction and concentrate, is needed to support the impacts analysis for Threatened and Endangered species and to support ESA consultation.
<b>Describe the Information Requested and Level of Detail:</b>	Provide a description of the vessel route for the bulk carriers leaving Amakdedori with concentrate and needed for construction, as well as a figure and supporting GIS data.

**Recipient Response Form**

<b>Date Received from USACE:</b>	Click here to enter text.
<b>Response from Recipient (Describe Information Requested to the Level of Detail Requested; Provide Attachments as Needed):</b>	<p>Attached are two figures and GIS data showing the likely bulk carrier shipping route for transport of concentrate to Asia and the primary supply and construction barge route from the West Coast to Amakdedori. These routes are based on the existing routes used for transpacific commercial shipping and traffic to Alaska. An alternative inland barge route that is also used under adverse conditions is also included.</p> <p>One figure shows the routes with the US Exclusive Economic Zone (EEZ) as background, while the other figure shows cumulative commercial shipping activity from 2004/2005 as background. The link to the shipping activity image is provided below.</p> <p><a href="https://www.arcgis.com/home/item.html?id=f5557ba2eb3f493d4fe6b8b5bff373e3">https://www.arcgis.com/home/item.html?id=f5557ba2eb3f493d4fe6b8b5bff373e3</a></p>
<b>List Number and Type of Response Attachments:</b>	<p>Shipping Routes on EEZ.pdf</p> <p>Shipping Routes on ShippingLanes.pdf</p> <p>PLP_ShippingRoutesFinal.zip</p>
<b>Date Returned to USACE:</b>	Click here to enter text.

**AECOM Intake Form**

<b>Date Response was Received:</b>	3/5/2020
<b>Received by:</b>	AECOM
<b>Describe any Follow-up Related to this RFI:</b>	Click here to enter text.



Shipping Routes

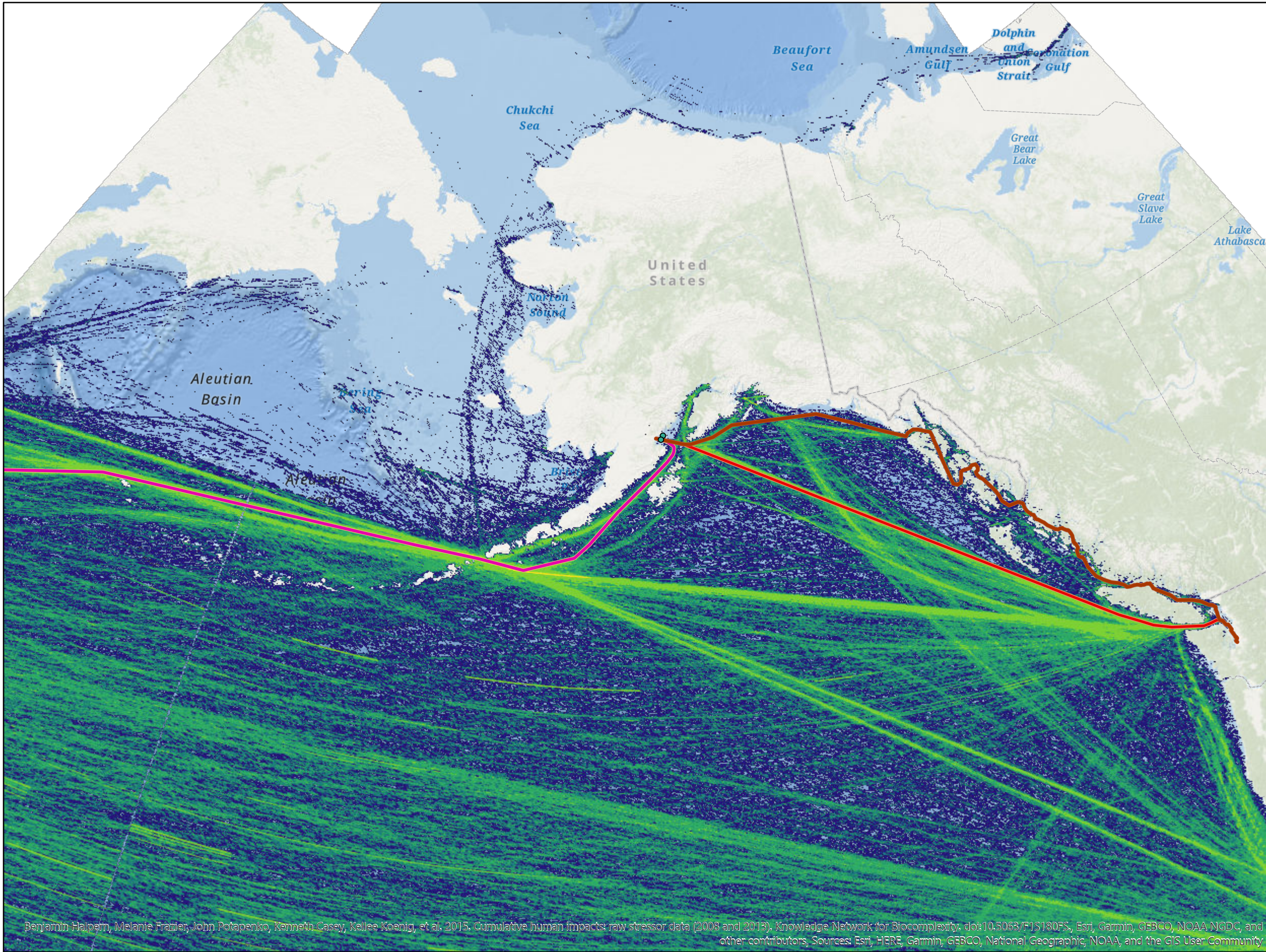
- Bulk Carrier Vessels
- Supply Barge - Main
- Supply Barge - Alternate
- US Exclusive Economic Zone

Figure:  
#

Bulk Carrier and Supply Barge Routes

Revision:	Date: 3/5/2020
File: Shipping	





Shipping Routes

- Bulk Carrier Vessels
- Supply Barge - Main
- Supply Barge - Alternate

Figure:  
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Bulk Carrier and Supply Barge Routes

Benjamin Halpern, Melanie Frazier, John Potapenko, Kenneth Casey, Kellee Koenig, et al. 2015. Cumulative human impacts: raw stressor data (2008 and 2013). Knowledge Network for Biocomplexity. doi:10.5063/F1S180FS, Esri, Garmin, GEBCO, NOAA NGDC, and other contributors. Sources: Esri, HERE, Garmin, GEBCO, National Geographic, NOAA, and the GIS User Community

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