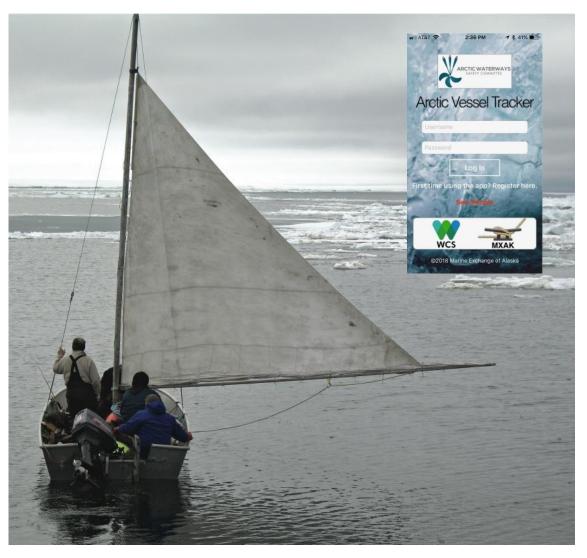
VESSEL TRACKING APP

Vessel Tracking for Maritime Subsistence Hunters

Instruction Manual V:1.0



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Introduction

The Arctic Vessel Tracking App provides free access to information on commercial vessel activity for Alaska's Arctic maritime subsistence hunters. This service was requested by marine mammal co-management representatives including the Alaska Eskimo Whaling Commission, Alaska Beluga Whale Committee, Eskimo Walrus Commission, Ice Seal Committee, and Nanuuq Commission. It is intended for use by subsistence vessel captains, as approved by the Arctic Waterways Safety Committee.

The App shows local vessel activity, types of vessels, and details of individual vessels near a hunter's community. Hunters can set notifications for when vessels approach or depart a community. Data on specific vessels can provide information for hunters for understanding what nearby vessels are doing, and for reporting if conflicts or concerns arise. The App is limited to the ground-based AIS range (similar to VHF) ~20 to 40 miles depending on conditions and coastal terrain.

This version of the App is first generation and intended to be improved over time based on user's feedback. Please provide your feedback on what works and doesn't work by contacting the Vessel Traffic App's administrator at VTA_admin@arcticwaterways.org, or via your comanagement representatives at AWSC meetings.

ARCTIC VESSEL TRACKING APP

Install and Register:

Locate the Arctic Vessel Tracker App on Apple Store or Google Play Store. Click to install it on your device.

When you open the App for the first time you will see this registration page:

SCREEN SHOT	DESCRIPTION	ACTIONS
III ATĀT ❤ 2:36 PM 1 \$ 41%, ■ III	Home Page	Click the "Register Here" area.
Arctic Vessel Tracker	First time users will need to register	The App will request user data including a physical address and
Username Password Log In First time using the app? Register here. Set Sample WCS MXAK © 2018 Marine Exchange of Alaska	to register	phone number. This information is collected only to verify that the applicant belongs to an Arctic subsistence community. It is never shared.
# AT&T 🗢 3:13 PM → \$ 35% 📳	Registration Confirmation	No action necessary. Registration is necessary to ensure that the App is
Registration has been submitted	First time users receive	only being used by subsistence
Thank you!	this confirmation prior to	hunters due to agreements on the
Your registration will be reviewed by an administrator.	receiving an email	use of proprietary data.
Provided that all participation requirements are met, you will	confirmation for account	, ,
receive an email when your account is activated.	activation.	
In the meantime, familiarize yourself with the app by clicking below.	Clials are NC amba ab	
If you have questions, please contact the administrator.	Click on "Contact	
Contact Administrator	Administrator" if no	
	response received in a few	
Tracking Links Help	days.	

LOGIN:

SCREEN SHOT	DESCRIPTION	ACTIONS
Arctic Vessel Tracker Joe III First time using the apo? Register here. WCS MXAK 92018 Marine Eachange of Alaska	Home Page Once your account has been set up, registered users can log in.	Add username and password and click Log In.
Arctic Vessel Tracker "Arctic Vessel Tracking" Would Like to Send You Notifications Notifications may include alerts, sounds, and icon badges. These can be configured in Settings. Don't Allow MXAK 02018 Varie Energy of Alexas	Pop-up notification.	Touch "Allow" to receive periodic alerts about vessel traffic of interest. If you choose not to allow this service, the App will not work on your device.
Allow "Arctic Vessel Tracking" to access your location while you are using the app? For vessel tracking Don't Allow Allow Allow	Pop-up notification.	Touch "Allow" to make the GPS position of the user's device available to the App. If you choose not to allow this service, the App will not work on your device.

VESSEL TRACKING:

SCREEN SHOT	DESCRIPTION	ACTIONS
## AT&T ♦ 6:06 AM ↑ \$ 64% ■ +		
Tracking Shahmare Bering Land Bridge National Preserve Wales Nery Iglio Council None None Wild Wild Wild Wild None	Once you log in, the App will display a map of your location.	The red circle is a 30 nautical mile reference line around your community. This line can be set on your settings page.
Google Tracking Alerts Links Settings will AT&T \$\Phi\$ 6:07 AM		
Tracking Port Classics Resident Services Servi	Vessel List	Tap the "List" icon to get a list of all vessels currently detected by the local AIS receiver.
VESSEL LIST		
ALASKA MARINER Dest.: SEATTLE WA Speed/Course: 7Knt/191°		
SESOK Dest.: LISBURNE Speed/Course: 5Knt/321°		
Tracking Alerts Links Settings		
Tracking For Classics Total No. 2	Vessel Details	Select a vessel from the list by tapping it to get vessel details, including vessel name, speed and destination.
VESSEL DETAILS SESOK MMSI/IMO: 367399110/9502491 Type: N/A Speed/Course: 5Knt/321° Dest: LISBURNE Length/Width: 23m/10m ETA: 07/05/2018 00:00 AKDT Local: 07/03/2018 05:59 AKDT UTC: 07/03/2018 13:59 GMT		

SCREEN SHOT	DESCRIPTION	ACTIONS
HI ATAT ♦ 6:07 AM # \$ 64% ■ + Tracking	Information Legend	Hit the "?" icon to learn what type of
Port Dissection		vessel (fishing boat, barge, etc.) the App has detected.
LEGEND FAQ Selected AIS A Transmi		
Fishing		
➤ Towing ➤ Cargo		
Tanker Other		
Delorme (personal tracker) Tracking Alerts Links Settings		

SETTINGS:

SCREEN SHOT	DESCRIPTION	ACTIONS
Contract Name III Sentence Contract Sentence Con	Settings Page The settings page allows you to set tracking notifications, switch between community groups, and log out of the App.	Set tracking notifications by selecting your preferred distances. You will be alerted if a vessel approaches your community. Switch between community groups by selecting your community at the top of the page, if you have access to more than one group.
To taking bedifications for the first another production of the control of the co	Access the Settings page by clicking the gear icon at the lower right-hand corner of the screen.	Log out of the App by scrolling down and selecting the log out button on the bottom of the page.

ALERTS:

SCREEN SHOT	DESCRIPTION	ACTIONS
Alerts SPIRIT is < 30 miles from Juneau moments ago	Alerts Page	No action necessary
	The alerts page notifies you of vessels coming within range of your community.	
Tracking Alers Links Settings	It can also display other marine alerts, such as oil spill or search and rescue alerts.	

PROFILE:

SCREEN SHOT	DESCRIPTION	ACTIONS
SCREEN SHOT ■ ATAT © 6:21 AM	Profile Page Access the profile page by clicking on the link located on the Settings Page.	The profile page allows you to make changes to the password, name or address assigned to the account.
Change Password jdoe Current Password Tracking Alerts Links Settings		

LINKS:

SCREEN SHOT	DESCRIPTION	ACTIONS
Links AWSC Arctic Waterways Safety Committee	Links Page	Select a link by clicking on it. You will
MXAK Marine Exchange of Alaska	The links page offers	be redirected to the page you choose. To exit the agency web page, and
USCG PACAREA The official website for the Coast Guard Pacific Area	quick access to web	return to the App, click the X at the
USCG, D17 United States Coast Guard, District 17	pages for important marine agencies.	top of the web page.
Distressed Wildlife What Can You Do? Look, but approach with care. The animal may still be alive, making the actions you take extremely important.		
Alaska Sea Grant: Marine M Marine Mammals Dr. Stephen Tracking Alerts Links Settings		

DeLorme InReach:

