



State of Alaska
Department of Fish and Game
Division of Sport Fish

Nomination Form
Anadromous Waters Catalog

M M E

Region Interior USGS Quad(s) McGrath D-4, C-4

AWC Number of Water Body 335-30-16600-2300

Name of Water body Middle Fork USGS Name Local Name

- Addition Deletion Correction Backup Information

For Office Use

Nomination # <u>140059</u>	<u>[Signature]</u> Fisheries Scientist	<u>4/25/14</u> Date
Revision Year: <u>2015</u>	<u>[Signature]</u> Habitat Operations Manager	<u>4/25/14</u> Date
Revision to: Atlas _____ Catalog _____ Both <u>X</u>	<u>[Signature]</u> AWC Project Biologist	<u>4/22/14</u> Date
Revision Code: <u>B-2</u>	<u>TR</u> GIS Analyst	<u>4/29/14</u> Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
Sheefish (Inconnu)	Radiotelemetry Sept/Oct 2008-2013	10			<input type="checkbox"/>
Sheefish (Inconnu)	Examined 22 Sept. 2011	36			<input type="checkbox"/>
					<input type="checkbox"/>
					<input type="checkbox"/>
					<input type="checkbox"/>

IMPORTANT: Provide all supporting documentation that this water body is important for the spawning, rearing or migration of anadromous fish, including: number of fish and life stages observed; sampling methods, sampling duration and area sampled; copies of field notes; etc. Attach a copy of a map showing location of mouth and observed upper extent of each species, as well as other information such as: specific stream reaches observed as spawning or rearing habitat; locations, types, and heights of any barriers; etc.

Comments: A drainage-wide radiotelemetry study has been conducted on sheefish in the Kuskokwim River from 2007 to 2013. A total of 154 radio-tagged sheefish have been tracked during the summers and autumns of these years. The primary objective of this project has been to document spawning stocks and spawning locations of sheefish in the Kuskokwim River drainage. Radio-tagged sheefish (inconnu) were tracked during the time of spawning in late September and early October to the Middle Fork of the Kuskokwim River during 2008-2013. Radio-tagged sheefish were located here each year, some having spawned during subsequent years. A site visit was made during 22 September 2011 and 36 sheefish were captured and examined and all were in spawning condition. Eggs and milt could be expressed with little pressure. Eggs were approximately 2.5 mm in diameter and gonadosomatic indices of sacrificed females averaged 23%. A map showing location of radio-tagged sheefish is attached to this document.

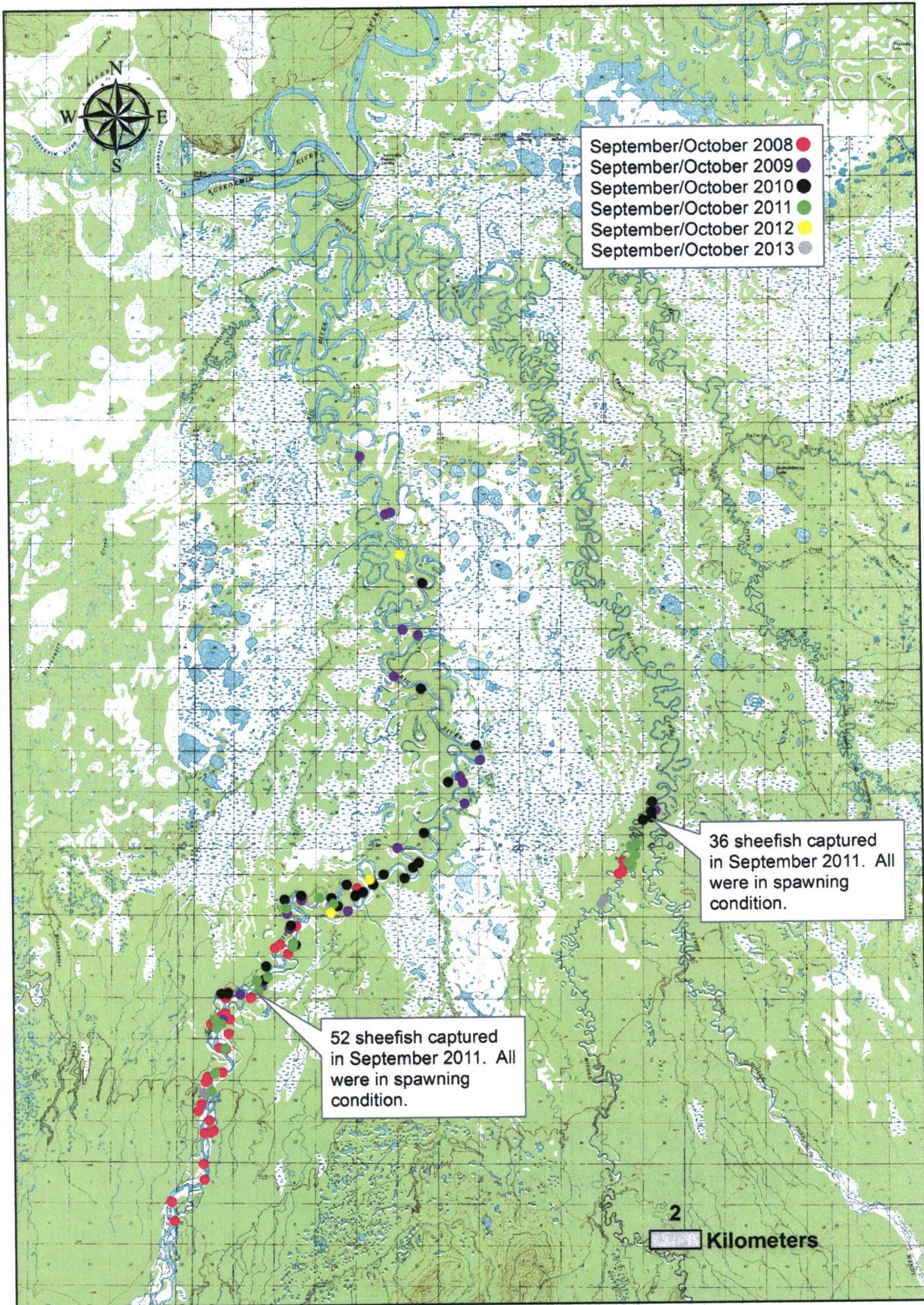
Replace Sheefish present w/ Sheefish spawning in portion of river

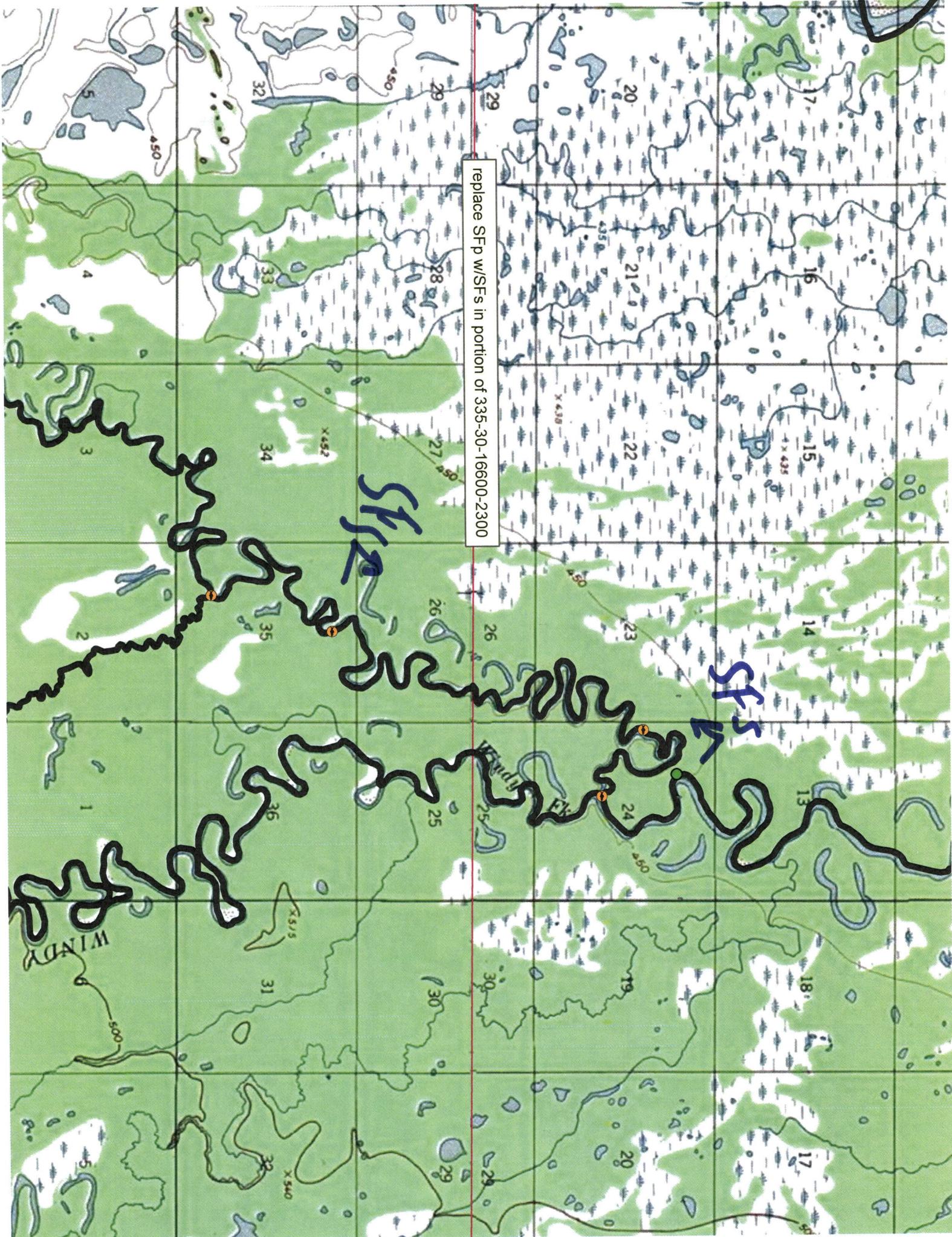
Name of Observer (please print): Lisa Stuby
 Signature: [Signature]
 Agency: At. Dept. Fish & Game
 Address: 1300 College Rd. Fairbanks, AK 99701

Date: 4/15/2014
 ALASKA DEPT. OF FISH & GAME
 APR 21 2014

This certifies that in my best professional judgment and belief the above information is evidence that this waterbody should be included in or deleted from the Anadromous Waters Catalog.

Signature of Area Biologist: [Signature] Date: 4/15/14 Revision 11/13
 Name of Area Biologist (please print): JOHN CHYTHLOA





replace SFP w/SFs in portion of 335-30-16600-2300