



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

Nomination Form
Anadromous Waters Catalog

113

Region: Interior USGS Quad(s): Medfra A-2

AWC Number of Water Body: 335-30-16600-2351-3012-4112

Name of Water body: Tonzona River USGS Name Local Name

Addition Deletion Correction Backup Information

For Office Use

Nomination #	<u>140055</u>	<u>[Signature]</u>	<u>4/25/14</u>
Revision Year:	<u>2015</u>	Fisheries Scientist	Date
Revision to:	Atlas _____ Catalog _____	<u>[Signature]</u>	<u>4/25/14</u>
	Both <u>X</u>	Habitat Operations Manager	Date
Revision Code:	<u>B-1, B-2</u>	<u>[Signature]</u>	<u>4/22/14</u>
		AWC Project Biologist	Date
		<u>[Signature]</u>	<u>4/29/14</u>
		GIS Analyst	Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
Sheefish (Inconnu)	Radiotelemetry Sept/Oct 2008-2013	14			<input type="checkbox"/>
Sheefish (Inconnu)	Examined 23-27 Sept. 2013	64			<input type="checkbox"/>
<i>Rep see sheefish present w/ Sheefish spawning in 335-30-16600-2351-3012 -</i>					
<i>add sheefish present to 335-30-16600-2351-3012-4112</i>					

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.

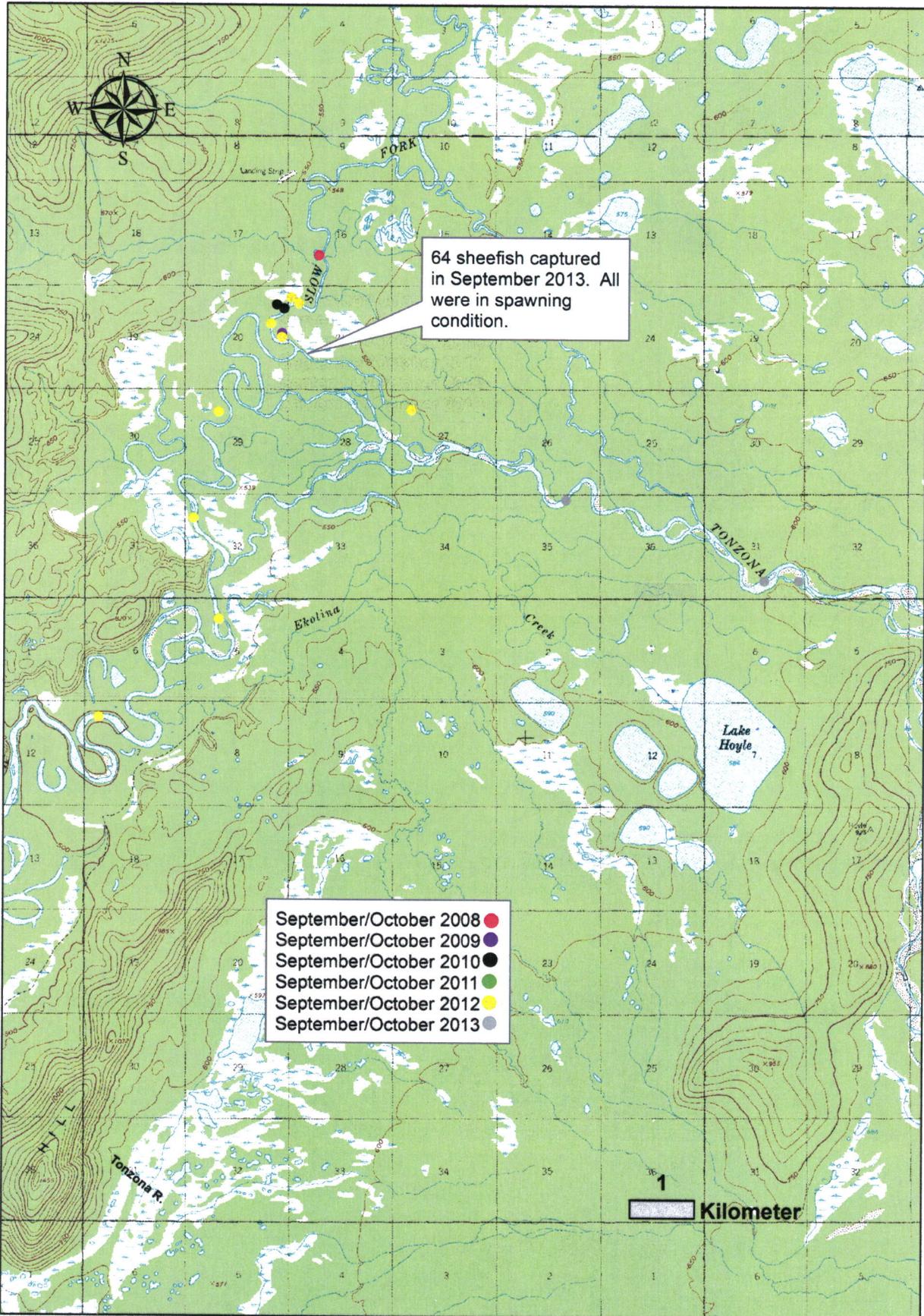
Comments: A drainage-wide radiotelemetry study has been conducted on sheefish in the Kuskokwim River from 2007 to 2013. A total of 154 radio-tagged sheefish have been tracked during the summers and autumns of these years. The primary objective of this project has been to document spawning stocks and 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 confluence of the Slow and Middle forks and Tonzona River during 2008-2013. Radio-tagged sheefish were located here most years, some having spawned during subsequent years. A site visit was made on 23-27 September 2013 and 64 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 22%. Later radio-tagged sheefish were tracked up the Tonzona River where they spawn between the confluence with East Fork and Dennis Creek. Prior to spawning sheefish will mill in backeddies, confluences with other rivers, etc. like the Slow Fork. A map showing location of radio-tagged sheefish is attached to this document.

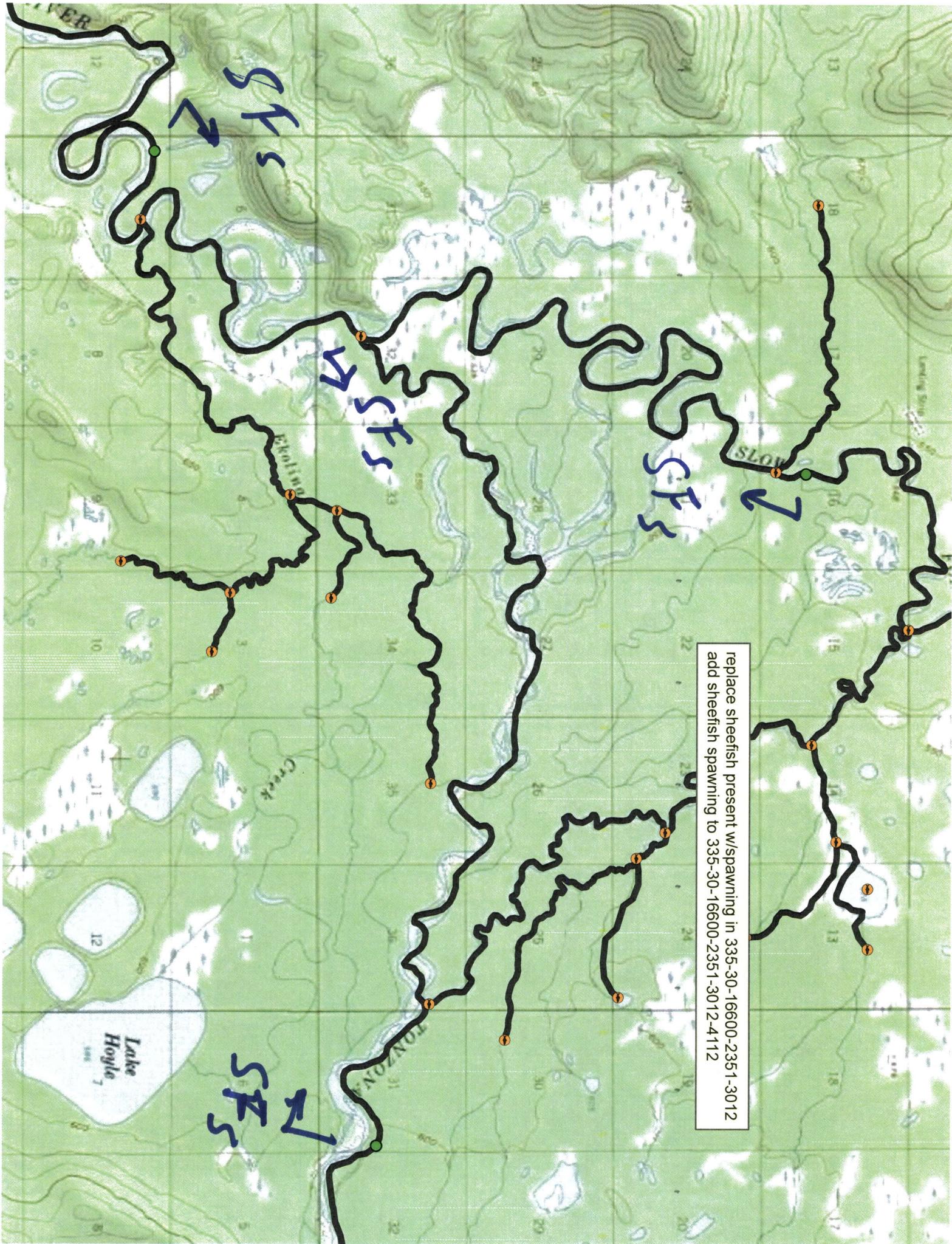
Name of Observer (please print): Lisa Stuby
 Signature: [Signature] Date: 15 April 2014
 Agency: AK Dept. Fish & Game
 Address: 1300 College Rd. Fairbanks, AK 99701



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 CHYTRICK





replace sheefish present w/spawning in 335-30-16600-2351-3012
add sheefish spawning to 335-30-16600-2351-3012-4112