



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

Fish Survey
Nomination Form
Anadromous Waters Catalog

M

Region: South Central USGS Quad: Anchorage B-5,
Anadromous Waters Catalog Number of Waterway: 247-50-10200 Status: _____
Name of Waterway: Knik River USGS Name Local Name

Addition Deletion Correction Backup Information

For Office Use

Nomination # <u>110490</u>	<u>[Signature]</u>	<u>10/28/11</u>
Revision Year: <u>2012</u>	Fisheries Scientist	Date
Revision to: Atlas _____ Catalog _____	<u>[Signature]</u>	<u>10/28/11</u>
Both <u>X</u>	Habitat Operations Manager	Date
Revision Code: <u>B-2</u>	<u>[Signature]</u>	<u>10/19/11</u>
	AWC Project Biologist	Date
	<u>[Signature]</u>	<u>11/2/11</u>
	Cartographer	Date

Projcode: FSS11 Reach ID: FSS1103F04

Species (Life Stage) (Total Count)	Date(s) Observed	Spawning	Rearing	Present	Anadromous
sockeye salmon (adult spawning) (10)	09/23/2011	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Anadromous
sockeye salmon (juvenile) (103)	09/23/2011	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Anadromous

add sockeye salmon REARING to stream

Ref number 11-711

Additional Comments: Add Sr to the Knik River (247-50-10200). Backup documentation of Ss. Knik River side channel flowing with clear hyporheic water (spring-fed). This channel is located within the currently-active braid plain of the Knik River. We observed Ss at one site (03F06) and collected Sr at another nearby site (03F04). This channel is visible on Bing Maps Aerial Imagery (attached).

Reviewed \ Submitted By: Joe Buckwalter, Habitat Biologist II Phone: (907) 267-2345 Date Printed: 10/5/2011
Signature: [Signature]
Address: Alaska Department of Fish and Game, Division of Sport Fish, RTS
333 Raspberry Rd
Anchorage, AK 99518

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: _____ Date: _____



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Continuation of Reach: FSS1103F04

Station: FSS1103F04

Region: South Central USGS Quad: Anchorage B-5 Legal Desc.: S016N004E22

Addition Deletion Correction Backup Information Latitude\Longitude: 61.46702 \ -148.70517 (NAD83)

Observation Information

Date Observed: 09/23/2011 Observer: Joe Buckwalter, Habitat Biologist II
Alaska Department of Fish and Game, Division of Sport Fish, RTS

Life History: Anadromous

Species\Lifestage: sockeye salmon juvenile (suspected spawning) Sample Method (# Fish): MTQ (3) VOG (100)

Key to Sample Method

Sample Method: (MTQ) Minnow Trap, 1/4 in. Mesh

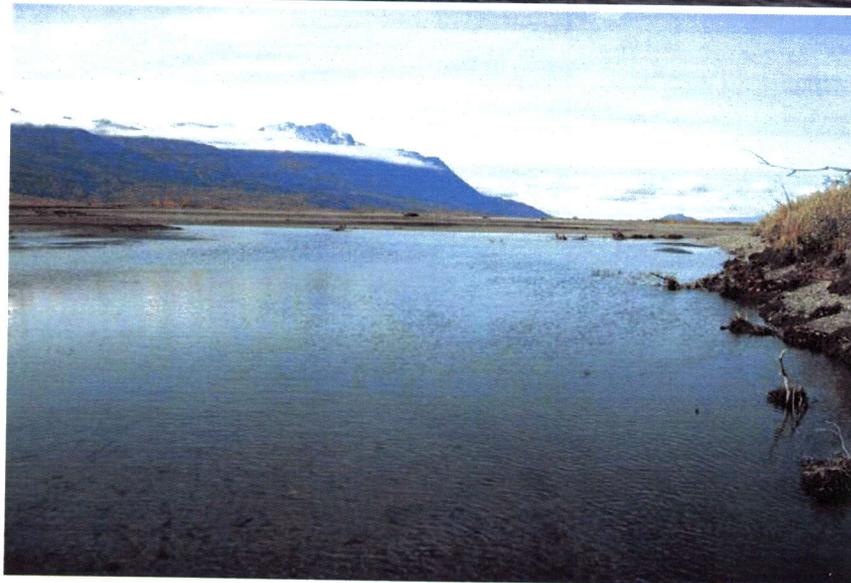
Sample Method: (VOG) Visual Observation, Ground

Additional Comments: (Date 9/23/2011) Add Sr to the Knik River (247-50-10200).

FSS1103F040906.jpg

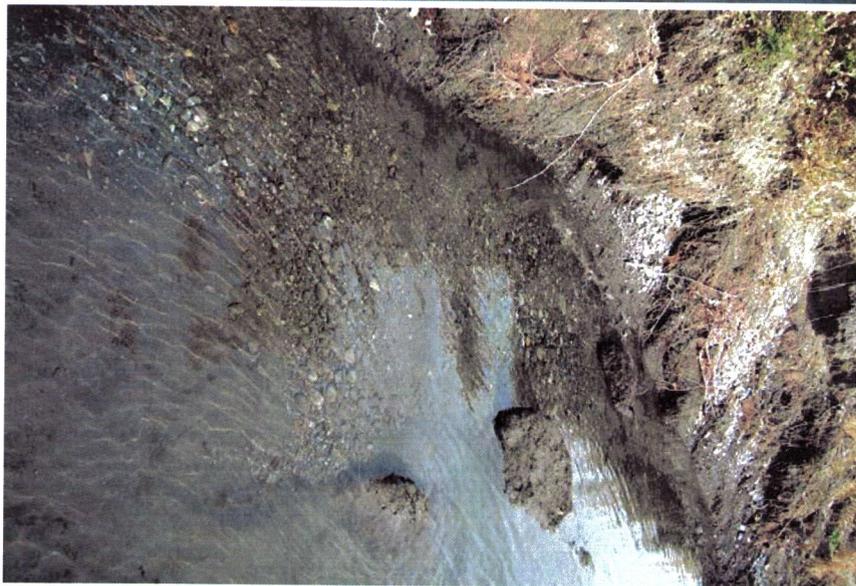


FSS1103F040907.jpg





FSS1103F040908.jpg



FSS1103F040909.jpg
 Suspected salmon (sockeye)
 redds.

Station: FSS1103F06

Region: South Central **USGS Quad:** Anchorage B-5 **Legal Desc.:** S016N004E22

Addition Deletion Correction Backup Information **Latitude\Longitude:** 61.46739 \ -148.70594 (NAD83)

Observation Information

Date Observed: 09/23/2011 **Observer:** Joe Buckwalter, Habitat Biologist II
 Alaska Department of Fish and Game, Division of Sport Fish, RTS

Life History: Anadromous

Species\Lifestage: sockeye salmon adult spawning

Sample Method (# Fish): VOG (10)

Key to Sample Method

Sample Method: (VOG) Visual Observation, Ground

Additional Comments: (Date 9/23/2011) Backup documentation for Ss.



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Continuation of Reach: FSS1103F04



FSS1103F060940.jpg
Sockeye salmon on redd.

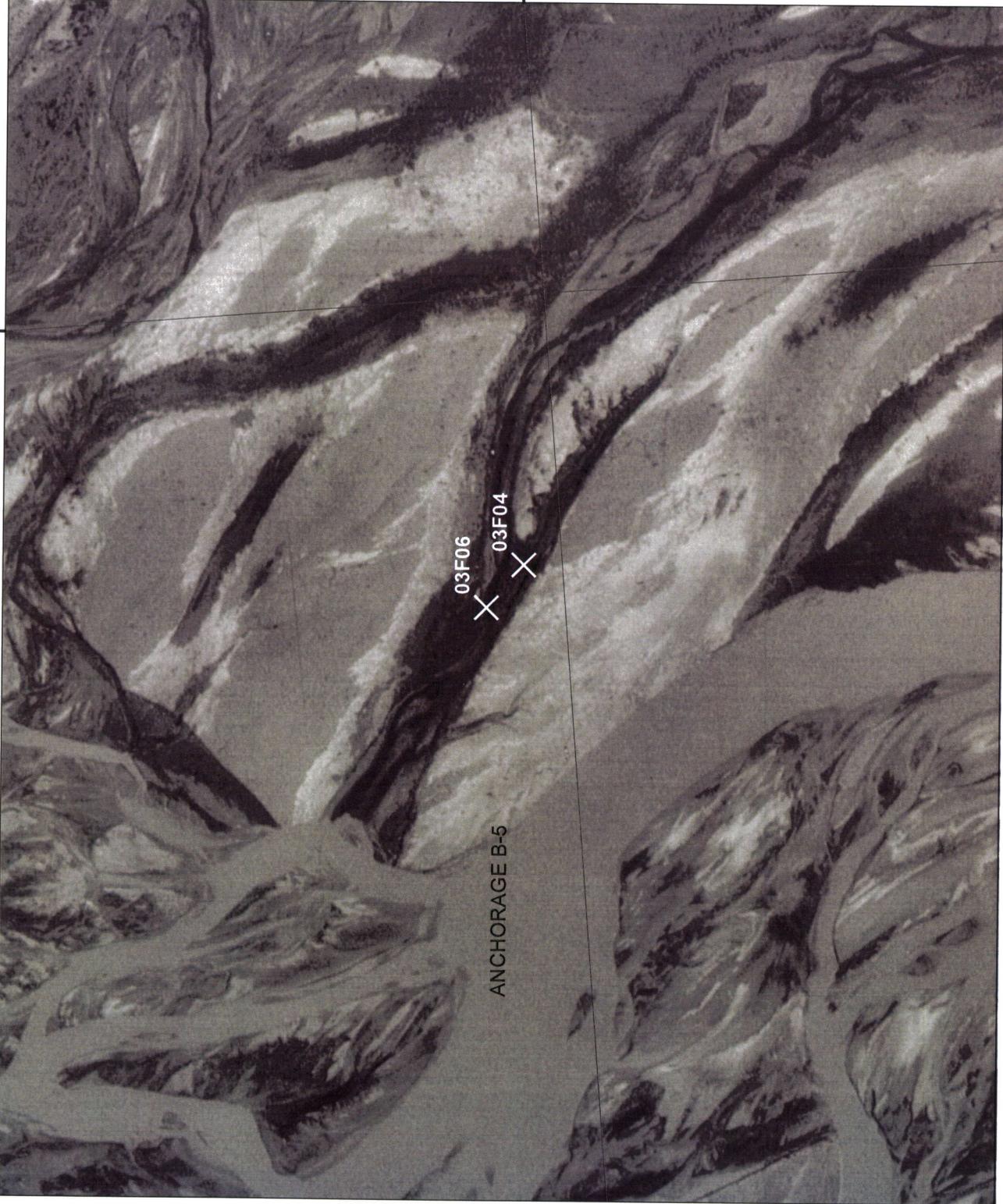


FSS1103F060941.jpg



FSS1103F060942.jpg

148°42'W



61°28'N

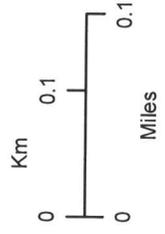
Fish inventory site

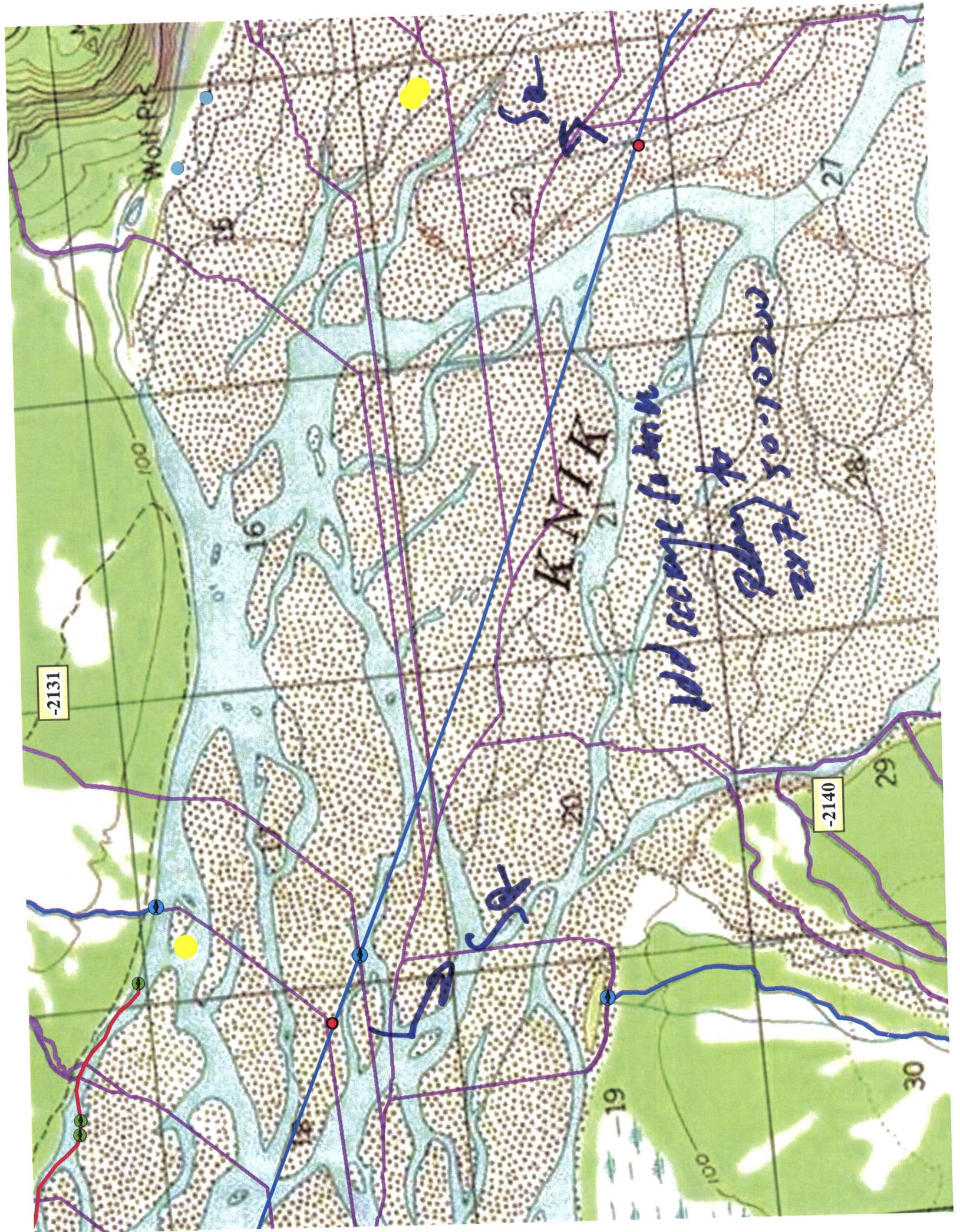
AWC stream (2011)

ITM quads

Imagery:
Bing Maps Aerial Basemap

Locator Map





Wolf Pt.

KANA

100 sec myc to bank

Palm 50-10200
247

-2131

-2140

100

100

15

16

18

19

20

21

27

28

29

30