



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

Nomination Form
Anadromous Waters Catalog

Region Southcentral USGS Quad(s) Seward D-6

Anadromous Waters Catalog Number of Waterway 247-60-10242 (others

Name of Waterway Seward Highway MP 85.7 USGS Name Local Name listed below

Addition Deletion Correction Backup Information

For Office Use

Nomination #	<u>120318</u>	<u>[Signature]</u>	<u>11/2/12</u>
Revision Year:	<u>2013</u>	Fisheries Scientist	Date
Revision to:	Atlas _____ Catalog _____	<u>[Signature]</u>	<u>11/2/12</u>
	Both <u>X</u>	Habitat Operations Manager	Date
Revision Code:	<u>A-2, C-1</u>	<u>[Signature]</u>	<u>9/19/12</u>
		AWC Project Biologist	Date
		<u>506</u>	<u>11/4/12</u>
		Cartographer	Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
Juvenile coho <u>(2)</u>	7/20, 26/2012		X		<input checked="" type="checkbox"/>
stickleback	7/20/2012			X	<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:

See attached Figures 1 and 2 and July - August 2012 Trip Report.

✓ Add new stream and lake 247-60-10242 coho rearing in lake

✓ Renumber 247-60-10243 and 0010 -0010 coho salmon production in 247-60-10242

✓ AS 247-60-10240- and 247-60-10290-0010

✓ Renumber 247-60-10242 2002 OS 247-60-10238 and 10238-2002 ref north

Name of Observer (please print): William Frost

Signature: [Signature] Date: 8/30/2012

Agency: ADF&G, Division of Habitat

Address: 333 Raspberry Road
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: _____ Revision 05/08

Name of Area Biologist (please print): _____

✓ Change 247-60-10240-0010 to 247-60-10236- and 10236-0010

✓ Change 247-60-10238 and 0010 to 247-60-10234 and 10234 2010

✓ Change 247-60-10235 to 247-60-10232



add new stream 247-60-10242 w/coho salmon present
& lake & 247-60-10242-0010 w/coho salmon rearing
use arc2013 for hydrography

COP

COP

COR



Figure 2



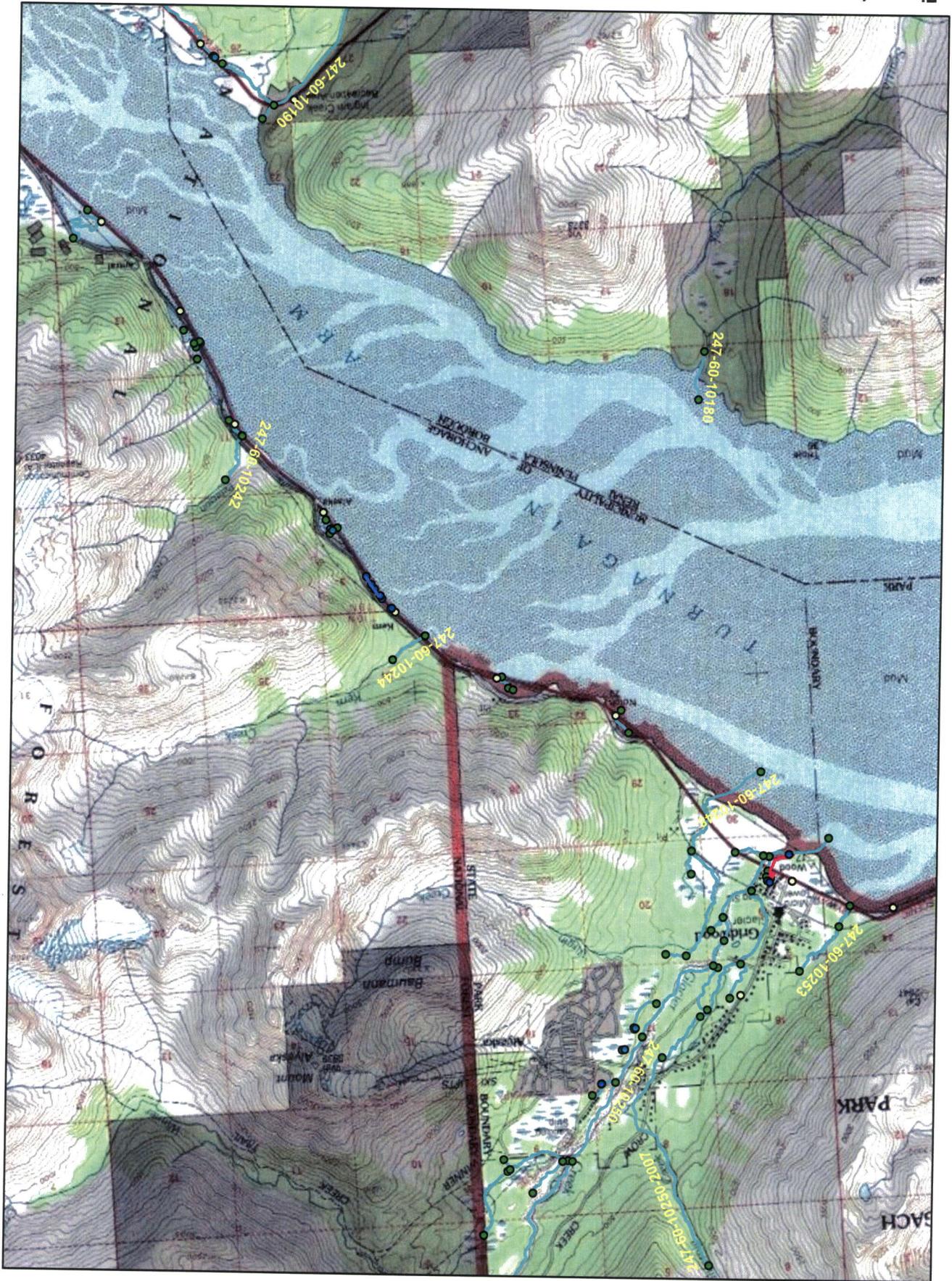


Figure 1

0 0.35 0.7 1.4 2.1 2.8 Miles

ADF&G

MEMORANDUM

State of Alaska

Department of Fish and Game
Division of Habitat

TO: Michael Daigneault
Central Region
Regional Supervisor

DATE: August 30, 2012

PHONE NO: 267-2813

FROM: Will Frost *WF*
Habitat Biologist

SUBJECT: Seward Highway MP 75-90
July - August 2012

The Department of Transportation and Public Utilities is proposing to rehabilitate about 15 miles of the Seward Highway between mile post (MP) 75 and 90. The purpose of this project is to address safety problems, road deficiencies, and congestion south of Anchorage. On July 20 and 26, and August 28, 2012, I conducted site visits to waterbodies in the project area. I used baited minnow traps to assess fish presence.

July 20, MP 89.8: I walked Stream Nos. 247-60-10250-2003 and 247-60-10250-2003-3005 from Gold Avenue in Girdwood to the Seward Highway and Stream No. 247-60-10250-2003 from the Seward Highway to Glacier Creek (Stream No. 247-60-10250 (Figure 1)). The streams are incorrectly depicted in the Anadromous Waters Catalog. I used a Garmin GPS unit to correct the stream locations. The correct locations will be updated to the Anadromous Waters Catalog.

The March 2008, Alaska Department of Transportation and Public Facilities plans for the proposed project include diverting Stream No. 247-60-10250-2003 into Glacier Creek directly south of the Seward Highway. The proposed diversion would eliminate about 1,200 linear feet of fish habitat. The Alaska Department of Fish and Game does not support the proposed diversion of Stream No. 247-60-10250-2003.

July 20, MP 87.7: the stream channel at this location was dry.

July 20, MP 86.17: the stream channel at this location was dry.

July 20, MP 85.9: I set one baited minnow trap in wetland adjacent to the north side of the Seward Highway. The wetland is connected to a pond at MP 85.7. The trap soaked about three hours. The trap captured one juvenile coho salmon (Figure 2).

July 20, MP 85.99: I set one baited minnow trap at the inlet of a culvert. The culvert drains a small 2-foot wide stream that flows under the Alaska Railroad Corporation (ARRC) tracks. There was no visual drainage to the wetland east of the culvert. The trap soaked about three hours. No fish were captured or observed.

July 26, MP 85.9 to 85.7: I set three baited minnow traps in wetlands and an unnamed pond. The traps soaked about four hours. The traps captured stickleback. I observed two juvenile coho salmon in the pond. The wetland and unnamed pond flow to an abandoned culvert at MP 85.84. The March 2008, Alaska Department of Transportation and Public Facilities plans for the proposed project show the culvert will be abandoned in place. The ADF&G will require the culvert be replaced to restore fish passage. Based on the July 20 sampling and the visual observation on July 26, the wetland and pond will be nominated to the Anadromous Waters Catalog.

August 28, MP 81.9: I set two baited minnow traps in an unnamed tributary to Stream No. 247-60-10235 (Figure 3). The traps soaked about three hours. The first trap captured 4 juvenile coho salmon, and the second trap captured 20 juvenile coho salmon (Figure 4). The tributary stream will be nominated to the Anadromous Waters Catalog.

August 28, MP 82.8: I set one baited minnow trap at the inlet of a blocked 36-inch diameter culvert. The trap was set in a residual pool. The stream channel above the pool was dry. I set an additional trap in a pond adjacent to the ARRC ROW. The traps soaked for about three hours. The traps captured stickleback.

August 28, MP 84.6: I set two baited minnow traps in a shallow pond. The traps soaked about three hours. The traps captured stickleback.



Figure 1. Stream No. 247-60-10250, view to south.



Figure 2. Juvenile coho salmon and stickleback captured at MP 85.9.

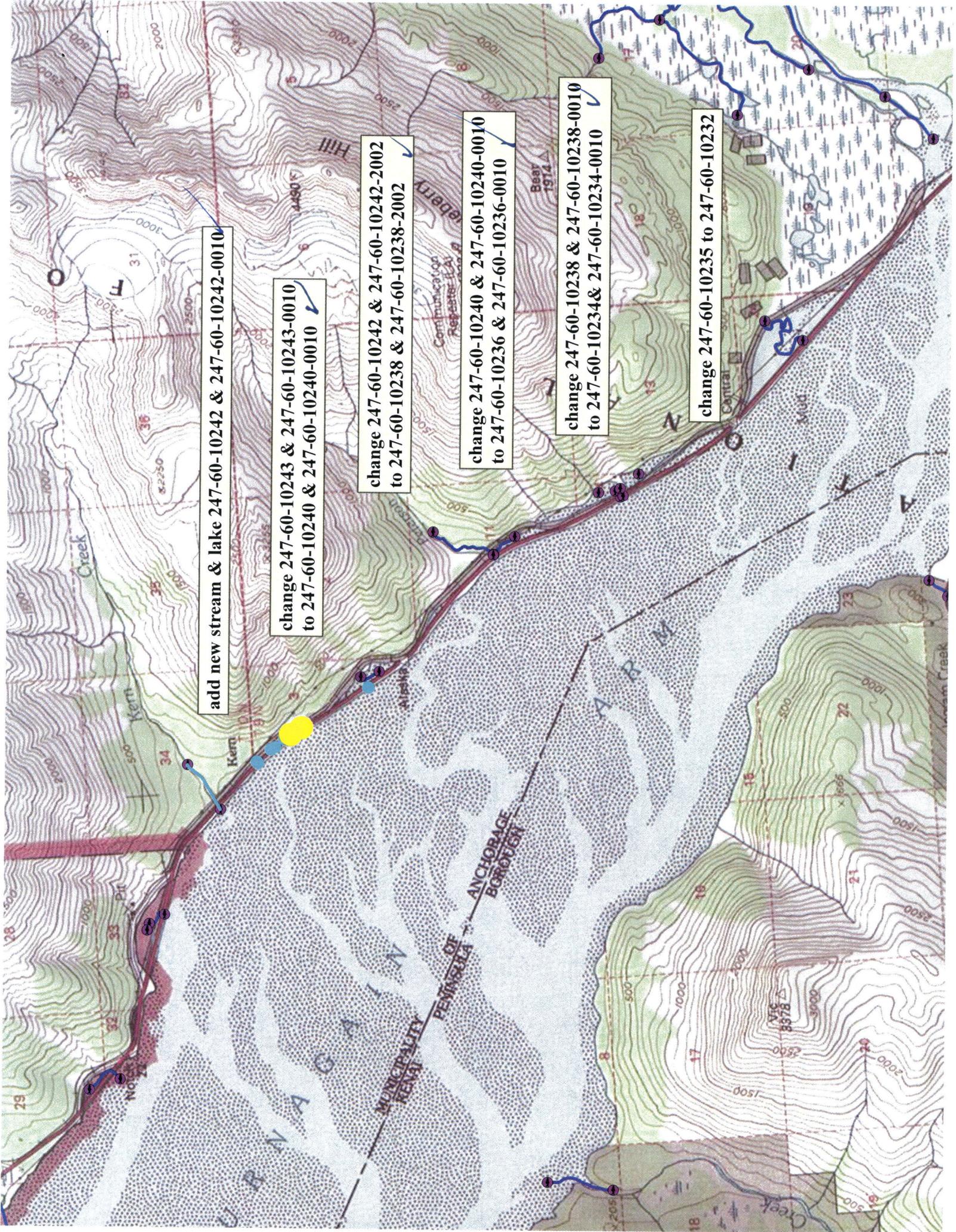


Figure 3. MP 81.9, unnamed tributary that flows into Stream No. 247-60-10235



Figure 4. MP 81.9, Juvenile coho salmon in unnamed tributary.

cc: D. Bosch, ADF&G
A. Ott, ADF&G
T. Tobish, MOA
H. Sanders, ADOT&PF



add new stream & lake 247-60-10242 & 247-60-10242-0010

change 247-60-10243 & 247-60-10243-0010
to 247-60-10240 & 247-60-10240-0010

change 247-60-10242 & 247-60-10242-2002
to 247-60-10238 & 247-60-10238-2002

change 247-60-10240 & 247-60-10240-0010
to 247-60-10236 & 247-60-10236-0010

change 247-60-10238 & 247-60-10238-0010
to 247-60-10234 & 247-60-10234-0010

change 247-60-10235 to 247-60-10232