

## **Errata for the EA/IRFA for the 2004 Harvest Specifications**

For more information contact Ben Muse at 907-586-7234, or [ben.muse@noaa.gov](mailto:ben.muse@noaa.gov)  
October 5, 2003

### **Table 2.1-1 on page 15:**

The sum of projected 2004 ABCs should be 3,127,002 mt, not 3,210,402 mt.

### **Table 2.1-2 on page 16:**

the GOA pollock OFL for 2004 should be 99,510 mt, not 54,350 mt. The 2004 pollock OFL for EYAK/SEO should be 8,610 mt, not 6,460 mt. The 2004 pollock OFL for the other areas in the GOA should total 90,900 mt, not 47,890 mt

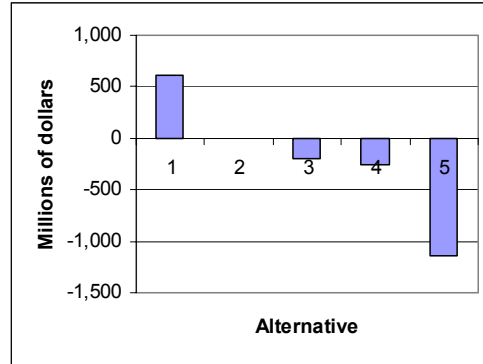
**An error in the spreadsheets used to calculate gross first wholesale revenues associated with the alternatives has been corrected. The changes associated with this are shown on the following pages:**

### **Section 4.10.2. Paragraph at the bottom of page 87 (New values are highlighted):**

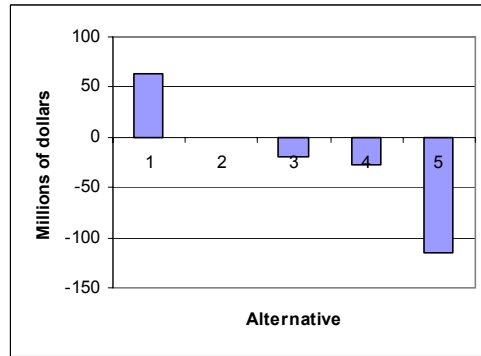
Alternatives 3 and 4 have a more negative impact on gross revenues. The gross revenue estimates in this analysis may have a downward bias (for the reasons discussed in Appendix H), and they have a large, and unknown, error. A 20% threshold was adopted to determine significance (although it may be possible to justify a large threshold). In other words, only a decline in gross revenues of 20% from 2003 levels will be described as significant. Estimated BSAI ITAC 2003 revenues were about \$1,140 million, BSAI CDQ revenues were about \$116 million, and GOA revenues were about \$172 million. The corresponding significance thresholds are changes of \$228 million, \$34 million, and \$30 million, respectively. Alternative 4 triggered the threshold in the BSAI, alternatives 3 triggered the threshold in the GOA, and alternative 4 triggered the threshold for CDQ groups. Each of these triggering alternatives have been given a rating of “negatively significant.”

Figures 4.10-1, 4.10-2, and 4.10-3 on page 89:

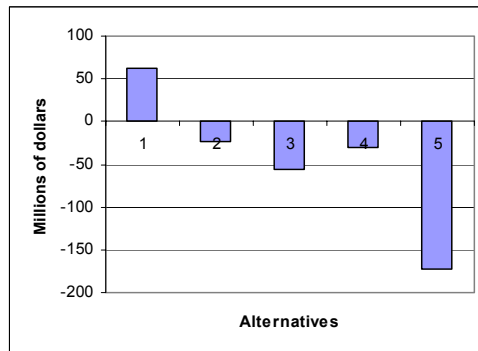
**Figure 4.10-1 BSAI First Wholesale Value of the ITAC and Unspecified Reserves: Difference Between Estimated 2003 First Wholesale Value and First Wholesale Value of Each Alternative (in millions of dollars)**



**Figure 4.10-2 BSAI First Wholesale Value Estimates for CDQ reserve: Difference Between Estimated 2003 First Wholesale Value and First Wholesale Value of Each Alternative (in millions of dollars)<sup>1</sup>**



**Figure 4.10-3 GOA Gross Revenue Estimates: Difference Between Estimated 2003 First Wholesale Value and First Wholesale Value of Alternatives (millions of dollars)**



<sup>1</sup>It is important to note that this figure reports the first wholesale value of the CDQ reserve, not the receipts received by the CDQ groups. These receipts will be considerably lower than the first wholesale value since CDQ groups lease out large parts of their allotments in return for royalty payments.

Tables H-1, H-2, and H-3 in Appendix H (new values in the pages are highlighted:

Table H-1 Projected TACs in metric tons (based on plan team 2004 ABC recommendations)

Species group	A1	A2	A3	A4	A5	2003
<b>BSAI</b>						
Pollock	2,373,400	1,492,810	1,279,700	1,128,253	0	1,492,810
Sablefish	7,300	5500	3,650	4,500	0	<b>6,000</b>
Pacific cod	278,000	207,500	147,000	168,200	0	207,500
Arrowtooth	112,000	12,000	59,800	7,300	0	12,000
Flathead sole	66,000	20,000	34,800	14,700	0	20,000
Rock sole	110,000	44,000	57,300	34,800	0	44,000
Greenland turbot	14,700	4,000	7,700	5,880	0	4,000
Yellowfin sole	114,000	83,750	58,200	92,600	0	83,750
Flats (other)	160,700	13,000	85,200	26,102	0	13,000
Rockfish	24,659	22,493	12,380	15,952	0	<b>22,661</b>
Atka mackerel	82,800	59,111	45,400	51,000	0	<b>60,000</b>
Other	21,290	34,279	10,645	24,671	0	34,279
<b>Total</b>	<b>3,364,849</b>	<b>1,998,443</b>	<b>1,801,775</b>	<b>1,515,050</b>	<b>0</b>	<b>2,000,000</b>
Potential max.	2,000,000	2,000,000	1,764,650	1,573,958	0	n.a.
Shortfall	-1,364,849	1,557	-37,125	-46,979		n.a.
<b>GOA</b>						
Pollock	65,668	54,350	33,625	77,605	0	54,350
Sablefish	18,034	11,400	9,301	11,148	0	<b>14,890</b>
Pacific cod	59,900	36,809	31,600	45,000	0	<b>40,540</b>
Arrowtooth	155,140	38,000	79,719	12,820	0	38,000
Flathead sole	41,402	10,770	22,464	2,103	0	10,770
Rex sole	9,470	9,470	4,774	3,053	0	9,470
Flats (deep)	4,880	4,880	2,149	1,400	0	4,880
Flats (shallow)	53,263	21,620	27,668	5,264	0	21,620
Rockfish	35,831	29,190	17,945	17,956	0	<b>29,680</b>
Atka mackerel	4,700	600	2350	182	0	600
Other	22,414	10,854	11,580	8,826	0	<b>11,260</b>
<b>Total</b>	<b>470,702</b>	<b>227,943</b>	<b>243,175</b>	<b>185,357</b>	<b>0</b>	<b>236,440</b>
Potential max.	470,702	409,690	243,175	187,959	0	n.a.
Shortfall	0	181,747	0	2,602	0	n.a.

Notes: TACs were projected on the basis of 2003 Plan Team ABC recommendations. Actual TACs will be prepared by the NPFMC at its December 2003 meeting. BSAI TAC estimates have been constrained to meet the two million metric ton optimum yield constraint for Alternatives 2-4 but not for Alternative 1. BSAI 2004 projected TACs are equal 2003 TACs for Alternative 2 (unless the 2003 TAC was greater than the proposed 2003 ABC) and equal to proposed 2004 ABCs for Alternatives 3 and 4. (GOA Potential max is sum of ABCs)

**Table H-2 Percent differences between BSAI ABCs and TACs for the Alternatives, and 2003 BSAI ABCs and TACs**

Species	2003 (mt)	Alt. 1 %	Alt 2%	Alt 3%	Alt 4%
<b>ABCs</b>					
Pollock	2,373,470	0%	-9%	-47%	-53%
Sablefish	6,000	22%	-8%	-39%	-25%
Pacific cod	223,000	25%	10%	-34%	-25%
Arrowtooth	112,000	0%	27%	-47%	-93%
Flathead sole	66,000	0%	-7%	-47%	-78%
Rock sole	110,000	0%	-9%	-48%	-68%
Turbot	5,880	150%	17%	31%	0%
Yellowfin	114,000	0%	-4%	-49%	-19%
Flats (other)	153,000	5%	1%	-44%	-91%
Rockfish	24,762	0%	-1%	-69%	-56%
Atka mackerel	63,000	31%	-2%	-28%	-19%
Other	45,270	-53%	0%	-100%	-100%
<b>TACs (2003)</b>					
Pollock	1,492,810	59%	0%	-14%	-24%
Sablefish	<b>6,000</b>	<b>22%</b>	<b>-8%</b>	<b>-39%</b>	<b>-25%</b>
Pacific cod	207,500	34%	0%	-29%	-19%
Arrowtooth	12,000	833%	0%	398%	-39%
Flathead sole	20,000	230%	0%	74%	-27%
Rock sole	44,000	150%	0%	30%	-21%
Turbot	4,000	268%	0%	93%	47%
Yellowfin	83,750	36%	0%	-31%	-11%
Flats (other)	13,000	1136%	0%	555%	101%
Rockfish	22,661	<b>9%</b>	<b>-1%</b>	-45%	<b>-30%</b>
Atka mackerel	59,111	40%	0%	-23%	-14%
Other	34,279	-38%	0%	-69%	-28%
Notes: Alt 4 estimates are based on Alt 4 projections that may contain errors. As noted in the footnote to Table 2.0-4, the assessment authors may have used a recent 5 year total catch by target over periods ranging from 1995-1999 to 1998-2002. In the final EA for this action these values will be corrected to the average for the period 1997-2001.					

**Table H-3 Percent differences between GAO ABCs and TACs for Alternatives, and 2003 GOA ABCs and TACs**

Species	2003 (mt)	Alt. 1 %	Alt 2%	Alt 3%	Alt 4%
<b>ABCs (2003)</b>					
Pollock	54,350	21%	0%	-38%	43%
Sablefish	14,890	21%	-23%	-38%	-25%
Pacific cod	52,800	13%	-9%	-40%	-15%
Arrowtooth	155,140	0%	4%	-49%	-92%
Flathead sole	41,390	0%	-9%	-46%	-95%
Rex sole	9,470	0%	0%	-50%	-61%
Flats (deep)	4,880	0%	0%	-56%	-60%
Flats (shallow)	49,340	8%	0%	-44%	-87%
Rockfish	33,740	6%	-1%	-47%	-46%
Atka mackerel	600	683%	0%	292%	-62%
Other	0	n/a	n/a	n/a	n/a
<b>TACs (2003)</b>					
Pollock	54,350	21%	0%	-38%	43%
Sablefish	14,890	<b>21%</b>	<b>-23%</b>	<b>-38%</b>	-25%
Pacific cod	<b>40,540</b>	<b>48%</b>	<b>-9%</b>	<b>-22%</b>	<b>11%</b>
Arrowtooth	38,000	308%	0%	110%	-66%
Flathead sole	11,150	271%	<b>-3%</b>	101%	-81%
Rex sole	9,470	0%	0%	-50%	-68%
Flats (deep)	4,880	0%	0%	-56%	-71%
Flats (shallow)	21,620	146%	0%	28%	-76%
Rockfish	29,680	21%	<b>-2%</b>	<b>-40%</b>	<b>-40%</b>
Atka mackerel	600	683%	0%	292%	-70%
Other	11,260	99%	<b>-4%</b>	<b>3%</b>	-22%
<p>Notes: Alt 4 estimates are based on Alt 4 projections that may contain errors. As noted in the footnote to Table 2.0-4, the assessment authors may have used a recent 5 year total catch by target over periods ranging from 1995-1999 to 1998-2002. In the final EA for this action these values will be corrected to the average for the period 1997-2001.</p>					

**Section 7.8 of the IRFA. Page 125. Replace the second and third paragraphs:**

Overall first wholesale revenues in the BSAI are very similar to what they were estimated to have been in 2003. There do not seem to have been large shifts in the revenues from the different species that might be masked by overall BSAI totals. On this basis, the proposed specifications are not, in general, expected to adversely affect the cash flow or profitability of small entities operating in the BSAI. The 2003 sablefish TAC is higher than that projected for 2004 under the preferred alternative, and this would have an adverse impact in this sector.

Overall first wholesale gross revenues in the GOA are estimated to drop between 2003 and 2004 under the preferred alternative. An examination of the changes in harvest by species group indicates that the decline in GOA gross revenues earned from sablefish and from Pacific cod would be the key factors in the overall decline. This suggests that the preferred alternative would have an adverse impact on GOA operations harvesting these species.