

## Changes in the estimation of Pacific halibut discard mortality in off-shore fixed-gear fisheries:

- Fixed-gear discard mortality of P. halibut was first estimated for the 2006 fishery (12/07 TM report)
  - Estimates by gear and area (N/S of 40°10')
- Discard mortality in the 2007 fishery (in 12/08 TM report) was based on separate estimates for:
  - LE primary, LE DTL, and OA fisheries, by area / gear.
- Recent discussion with IPHC has identified a lower discard mortality rate as more appropriate.
  - Old = 25% ; New = 16% (rate used for Gulf of AK discards in the halibut ITQ fishery).

# Changes in estimated fixed-gear halibut mortality, 2002 - 2007

	<b>Halibut Discard (mt)</b>		
	<b>Estimated total (mt)</b>	<b>Discard Mortality</b>	
		<b>With a 25% mortality rate</b>	<b>With a 16% mortality rate</b>
<b>2002</b>	<b>139</b>	<b>35</b>	<b>22</b>
<b>2003</b>	<b>225</b>	<b>56</b>	<b>36</b>
<b>2004</b>	<b>185</b>	<b>46</b>	<b>30</b>
<b>2005</b>	<b>228</b>	<b>57</b>	<b>36</b>
<b>2006</b>	<b>679 (796*)</b>	<b>170 (199*)</b>	<b>109</b>
<b>2007</b>	<b>170</b>	<b>43</b>	<b>27</b>

**\* These values were included in the Total Mortality report for 2006, using less fishery stratification.**