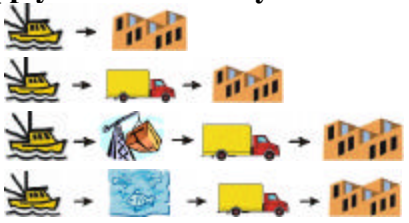
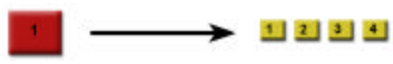


Traceability Readiness Report Card

Fishery: <p style="text-align: center;"><i>Halibut Hook and Line</i></p>	State of Readiness Assessment: <p style="text-align: center;">Total Score = B+</p>
Fishery Overview: <ul style="list-style-type: none"> • Individual vessel quota system with dockside monitoring • Open season March – November with effort driven by price and convenience of scheduling around other fishing activities. • Fishing primarily occurs in offshore areas of the BC coast • Bycatch includes other groundfish (rockfish, lingcod, dogfish, skate) • Pooling of product prior to buyer is rare • Batch=offload, Trade unit=individual fish or totes of fish, Logistic unit=totes of fish • Fishers are generally paid a standard price. Differentials are occasionally paid based on size and/or chaulkiness. • The Pacific Halibut Management Association (PHMA) represents industry 	
Supply Chain Pathways 	Unit Transformations 
Markets: <ul style="list-style-type: none"> • Market is primarily for fresh halibut exports to the US. Domestic market is small. • Primarily fresh dressed and iced halibut are delivered to buyers. Live and FAS occurs but is rare. • Product quality concerns are based on freshness and chaulkiness. • COOL and US Bioterrorism Act are the main traceability regulations of concern. 	

<p>Data Availability from Fisheries Monitoring Programs: Traceability data is currently collected through the following processes.</p> <table border="1"> <tr> <td> <p>Harvester Harvest Log – skipper Validation Record – MSP Offload Tally – MSP and custom offloader Transit Slip – MSP</p> </td> <td> <p>Custom Offloader Validation Record – MSP Offload Tally – MSP and custom offloader Transit Slip – MSP</p> </td> <td> <p>Transporter Validation Record – MSP Offload Tally – MSP and custom offloader Transit Slip – MSP Bill of Lading – transporter</p> </td> <td> <p>Buyer Validation Record – MSP Offload Tally – MSP and custom offloader Transit Slip – MSP Bill of Lading – transporter Delivery Record – buyer Processing Records – buyer Sales Records - buyer</p> </td> </tr> </table>		<p>Harvester Harvest Log – skipper Validation Record – MSP Offload Tally – MSP and custom offloader Transit Slip – MSP</p>	<p>Custom Offloader Validation Record – MSP Offload Tally – MSP and custom offloader Transit Slip – MSP</p>	<p>Transporter Validation Record – MSP Offload Tally – MSP and custom offloader Transit Slip – MSP Bill of Lading – transporter</p>	<p>Buyer Validation Record – MSP Offload Tally – MSP and custom offloader Transit Slip – MSP Bill of Lading – transporter Delivery Record – buyer Processing Records – buyer Sales Records - buyer</p>	<p>Score = 1</p>
<p>Harvester Harvest Log – skipper Validation Record – MSP Offload Tally – MSP and custom offloader Transit Slip – MSP</p>	<p>Custom Offloader Validation Record – MSP Offload Tally – MSP and custom offloader Transit Slip – MSP</p>	<p>Transporter Validation Record – MSP Offload Tally – MSP and custom offloader Transit Slip – MSP Bill of Lading – transporter</p>	<p>Buyer Validation Record – MSP Offload Tally – MSP and custom offloader Transit Slip – MSP Bill of Lading – transporter Delivery Record – buyer Processing Records – buyer Sales Records - buyer</p>			
<p>What product or business data is missing? number of units in shipment, data access contact persons (data responsible party) for the harvester, transporter and buyer.</p> <p>Is the data electronically accessible to the supply chain? No. Paper validation records are maintained by the harvester. A confidential electronic database is maintained by the MSP.</p> <p>Is the data verifiable? Yes, through 100% dockside validation</p>						
<p>Product Identifiers: Serial numbered fish tags are used (halibut only). Logistic unit identifiers are not used.</p>		<p>Score = 2</p>				
<p>Data Transfer and Information Mapping: Current data systems are paper based with offload tallys sent to the buyer.</p>		<p>Score = 2</p>				
<p>Industry Leadership: One well organized association represents industry</p>		<p>Score = 1</p>				
<p>Processor Level Constraints Pooling of product can occur at the processor</p>		<p>Score = 2</p>				
<p>Factors impeding ability to meet traceability:</p>	<p>Factors aiding ability to meet traceability:</p> <ul style="list-style-type: none"> • An industry wide landings data system is in place through 100% dockside validation • Most of the required information is collected on paper and stored electronically. • Fish are large, handled individually and tagged with a unique serial number (identifies halibut as Canadian and validated). This is the only fishery that is traceable on a piece by piece basis to a specific offload. • Limited number of halibut buyers 					
<p>Opportunities: Goal 1 - Traceability to an offload or container level. Goal 2 – Good candidate fishery for a pilot project</p> <ul style="list-style-type: none"> • Identify containers with trade/logistic unit identifiers • Integrate existing data systems and streamline data transfer through the supply chain for more efficient and timely data communication. • Halibut tags could be coded with digitally readable information for partial piece by piece traceability or marketing purposes 						