

<p>Fishery:</p> <p style="text-align: center;"><i>Lingcod, Dogfish and Skate Hook and Line</i></p>	<p>State of Readiness Assessment:</p> <p style="text-align: center;">Total Score = B-</p>
<p>Fishery Overview:</p> <ul style="list-style-type: none"> • Individual vessel quota system with 100% at sea (using Electronic Monitoring System) and dockside monitoring. • Open year round with some time and area closures. Lingcod effort driven by market demand and weather. Dogfish effort driven by market as TAC's are not a concern. • Fishing occurs in all areas of the BC coast. • Catch is primarily lingcod, dogfish and skate (targeted separately) with bycatch of other groundfish including halibut and rockfish. • Pooling may occur during transportation, especially of live fish. • Vessels are paid a differential price based primarily on species, quality and product form. • Batch=Offload, Trade unit=totes of fish, Logistic unit=totes of fish. • The BC dogfish fishery is currently (2010) undergoing an assessment for MSC certification. • The Commercial Industry Caucus (CIC) represents the entire BC groundfish industry. The BC Dogfish Hook and Line Industry Association represent the dogfish sector. 	
<p>Supply Chain Pathways</p>	<p>Unit Transformations</p>
<p>Markets:</p> <ul style="list-style-type: none"> • Lingcod market is primarily for fresh and live fish in the US, while dogfish market is fresh and frozen to the UK. • Fresh iced, live and frozen lingcod are delivered to buyers. Dogfish and skate are delivered fresh iced. • Product quality concerns are based on freshness. • COOL and WE Bioterrorism Act are the main traceability regulations of concern. EU IUU regulations are a concern for dogfish exported to the UK. 	

<p>Data Availability From Fisheries Monitoring Programs: Score = 1.5</p> <p>Traceability data is currently collected through the following processes.</p> <table border="1"> <tr> <td> <p>Harvester</p> <p>Harvest Log – skipper Electronic Monitoring Data – MSP Validation Record – MSP Offload Tally – MSP and custom offloader Transit Slip – MSP</p> </td> <td> <p>Custom Offloader</p> <p>Validation Record – MSP Offload Tally – MSP and custom offloader Transit Slip – MSP</p> </td> <td> <p>Transporter</p> <p>Validation Record – MSP Offload Tally – MSP and custom offloader Transit Slip – MSP Bill of Lading – transporter</p> </td> <td> <p>Buyer</p> <p>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>What product or business data is missing? Number of units in shipment, type of package, transport firm, data access contact persons (data responsible party) for the harvester, buyer and transporter.</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 and audit of Harvest Log using data from Electronic Monitoring System.</p>		<p>Harvester</p> <p>Harvest Log – skipper Electronic Monitoring Data – MSP Validation Record – MSP Offload Tally – MSP and custom offloader Transit Slip – MSP</p>	<p>Custom Offloader</p> <p>Validation Record – MSP Offload Tally – MSP and custom offloader Transit Slip – MSP</p>	<p>Transporter</p> <p>Validation Record – MSP Offload Tally – MSP and custom offloader Transit Slip – MSP Bill of Lading – transporter</p>	<p>Buyer</p> <p>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>
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<p>Product Identifiers: Unique trade and/or logistic unit identifiers are not used.</p>		<p>Score = 3</p>			
<p>Data Transfer and Information Mapping: Current data systems are paper based with offload tallies sent to the buyer.</p>		<p>Score = 2</p>			
<p>Industry Leadership: One association represents the entire BC groundfish industry. Dogfish sector has individual association.</p>		<p>Score = 1.5</p>			
<p>Processor Level Constraints: Product batching occurs in the transportation and storage of live product.</p>		<p>Score = 2</p>			
<p>Factors impeding ability to meet traceability:</p> <ul style="list-style-type: none"> • Dockside monitoring data are treated as protected business information. • A variety of species are harvested. 	<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. • IQ fishery regime allows market driven fishing. • Most of the required information is collected on paper and stored electronically. 				
<p>Opportunities: Goal 1 - Traceability to an offload or container level.</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. • Foster cooperation among businesses and a unified approach in addressing industry business and fisheries issues. 					

MSP = Monitoring Service Provider