

<p>Fishery:</p> <p style="text-align: center;"><i>Sea Cucumber by Dive</i></p>	<p>State of Readiness Assessment:</p> <p style="text-align: center;">Total Score = A-</p>
<p>Fishery Overview:</p> <ul style="list-style-type: none"> • Individual vessel quota. • Open September to November with effort based on fishing opportunity. • Fishing occurs in specific nearshore areas throughout the BC coast. • Catch is sea cucumber. • Pooling does not occur. • Vessels are paid a standard price. • Batch =offload, Trade unit=tote, Logistic unit=tote. • One industry association – Pacific Sea Cucumber Harvester’s Association (PSCHA). 	
<p>Chain of Custody Pathways</p>	<p>Unit Transformations</p>
<p>Market/s:</p> <ul style="list-style-type: none"> • Market is primarily for fresh and frozen meat and dried skins to China and Japan. Domestic market is extremely small. • Fresh eviscerated sea cucumbers are delivered to buyers. • There are no product quality concerns. • Japanese traceability regulations are not yet developed although some chain retailers in Japan are increasing their traceability requirements. 	

<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/Validation Record – skipper and MSP</p> </td> <td> <p>Custom Offloader Validation/Harvest Record – skipper and MSP Offload Tally – custom offloader</p> </td> <td> <p>Transporter Validation/Harvest Record– skipper and MSP Offload Tally – custom offloader Bill of Lading – transporter</p> </td> <td> <p>Buyer Validation/Harvest Record– skipper and MSP Offload Tally – custom offloader Bill of Lading – transporter Delivery Record – buyer Processing Records – buyer Sales Records - buyer</p> </td> </tr> </table>		<p>Harvester Harvest/Validation Record – skipper and MSP</p>	<p>Custom Offloader Validation/Harvest Record – skipper and MSP Offload Tally – custom offloader</p>	<p>Transporter Validation/Harvest Record– skipper and MSP Offload Tally – custom offloader Bill of Lading – transporter</p>	<p>Buyer Validation/Harvest Record– skipper and MSP Offload Tally – custom offloader Bill of Lading – transporter Delivery Record – buyer Processing Records – buyer Sales Records - buyer</p>	<p>Score = 1.5</p>
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<p>What product or business data is missing? 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.</p>						
<p>Product Identifiers: Unique trade and/or logistic unit identifiers are not used.</p>		<p>Score = 2</p>				
<p>Data Transfer and Information Mapping: Current data systems are paper based with validation records accompanying deliveries to the buyer.</p>		<p>Score = 2</p>				
<p>Industry Leadership: One association represents industry.</p>		<p>Score = 1</p>				
<p>Processor Level Constraints:</p>		<p>Score = 1</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(MSP). • IQ fishery regime allows market driven fishing and time for specialized product handling. • Single species fishery. • Number of sea cucumber buyers is limited. • No unit transformations occur from water to buyer. • Container tags are required on every container transported. 					
<p>Opportunities: Goal 1 – Traceability to a container level. Goal 2 – Good candidate fishery for a pilot project.</p> <ul style="list-style-type: none"> • Identify containers with trade unit identifiers. • Integrate existing data systems and streamline data transfer through the supply chain for more efficient and timely data communication. 						

MSP = Monitoring Service Provider