Fishery:

Prawn by Trap

State of Readiness Assessment:

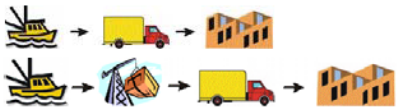
Total Score =

B+

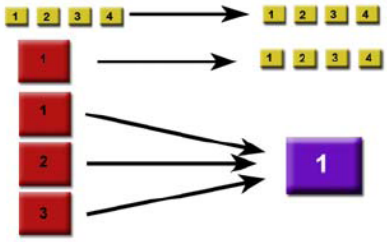
Fishery Overview:

- Fishery is managed with trap limits, size limit and spawner index levels.
- Effort is based on trap fishing opportunity and markets.
- Fishing occurs primarily in nearshore areas of the BC coast.
- Catch is primarily spot shrimp (prawn) with small catches of other shrimp species.
- Product pooling does not occur at the harvester to processor level.
- Vessels are paid on size and product form.
- Batch =offload, Trade unit=box, Logistic unit=case.
- One association represents industry – Pacific Prawn Fishermen's Association (PPFA).

Supply Chain Pathways



Unit Transformations



Markets:

- Market is primarily for frozen prawns in Japan. Domestic market is small.
- Fresh, frozen at sea and live prawns are delivered to buyers
- Product quality concerns are based on freshness and size.
- Japanese traceability regulations are not yet developed although some chain retailers in Japan are increasing their traceability requirements.

Data Availability from Fisheries Monitoring Programs **Score = 2**

Traceability data is currently collected through the following processes.

Harvester	Custom Offloader	Transporter	Buyer
Harvest Log – skipper	Harvest Log – skipper Offload Tally – custom offloader	Harvest Log – skipper Offload Tally – custom offloader Bill of Lading – transporter	Harvest Log – skipper Offload Tally – custom offloader Bill of Lading – transporter Delivery Record – buyer Processing Records – buyer Sales Records - buyer

What product or business data is missing?

Number of units in shipment, type of package, date and time of dispatch, place of dispatch, transport firm, data access contact persons (data responsible party) for the harvester, transporter and buyer.

Is the data electronically accessible to the supply chain?

No. Paper harvest records are maintained by the harvester

Is the data verifiable?

No third party validation or audits are conducted.

Product Identifiers: **Score = 2**

Unique trade and/or logistic unit identifiers are not used. Frozen boxed product is labeled with harvester information.

Data Transfer and Information Mapping: **Score = 2**

Current data systems are paper based with poor transfer of data to the buyer.

Industry Leadership: **Score = 1**

One association represents industry.

Processor Level Constraints: **Score = 1.5**

Minimal, most product delivered frozen and boxed, pooling of live or fresh product.

Factors impeding ability to meet traceability:

- Product pooling without appropriate documentation of pooling,
- An industry wide data system for offloads does not currently exist.
- Landings data is not verifiable (e.g. dockside monitoring program).

Factors aiding ability to meet traceability:

- Primarily single species fishery
- Most prawns are frozen in boxes at sea with a code identifying the date and vessel.

Opportunities:

Goal 1 - Traceability to an FAS box level.

- Develop an industry wide landings data system from which business information is accessible, transferable, and verifiable.
- Identify containers with unique trade unit identifiers. Replace box codes with digitally readable labels.
- Improved traceability for fresh product.
- Foster cooperation among businesses and a unified approach in addressing industry business and fisheries issues.