Vessel tagging procedures survey

All vessels should follow the CCAMLR tagging protocol for tagging toothfish ([www.ccamlr.org/node/85702](https://www.ccamlr.org/node/85702)).

This survey has been designed for an observer to be able to complete independently from the vessel, however, it may be useful to liaise with the fishing master for accuracy in some instances (e.g. the volume of the holding tank). You are requested to select the most appropriate fields for the questions listed or provide descriptive details where instructed. If possible, provide an example representative video or photos of the tagging process which includes fish landing, fish handling, tagging, data recording and fish release.

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| --- | --- |
| Equipment and operation | |
| Tagging station location | On deck – Open air |
| On deck – Under cover |
| In factory |
| Other – Please describe |
| How frequently are tagging guns cleaned or maintained? Every haul, periodically, once per trip |
| Vertical distance from water surface to hauling bay (m) |
| Vertical distance from fish release position to water surface (m) |
| Distance from tagging station to release location (m) |
| Holding tank | Y/N |
| Holding tank information (if used) | Volume (l) |
| Shape (square, rectangle, circle etc.) |
| Does the tank have flowing water (Y/N) |
| Landing and handling fish | |
| Large fish landing and lifting equipment | Net |
| Stretcher or cradle |
| Other – Please describe |
| Approximate minimum length of fish when lifting gear is used (cm) |
| Transporting fish | When transporting the fish between the hauling bay and the tagging station, are any of the following obstacles present:  • Bulkheads  • Machinery  • Factory equipment (e.g. conveyor belts)  • Steps or multiple levels  Any other obstruction? |
| Is lifting equipment used to carry fish between hauling bay and tagging station? (Y/N) |
| How are tagging data recorded at the tagging station? | Direct to computer/Paper data sheet/waterproof board or notepad/Photograph/Other |
| Releasing fish | Describe any aides used for release of fish (e.g. cradle, slide) |
| Personnel and training | |
| Tagging responsibilities | Crew |
| Observer(s) |
| Combination |
| Number of crew trained for tagging procedures |
| If any tagging training occurs on the vessels is it practical, theoretical or a combination? |
| Languages by crew trained for tagging |
| Title of person responsible for overall tagging training (e.g. fishing master, bosun, factory manager, observer, company representative/other) |
| When a tagged fish is landed and the observer is not present, how is the observer notified? |
| Assessment of fish suitability for tagging | CCAMLR tagging protocol and fish suitability assessment criteria available for viewing near tagging station: (Y/N) |