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Indian Ocean Tuna Commission
Commission des Thons de l'Océan Indien

Industrial Tuna Purse-seine : Work and Observation Areas

IOTC ROS SFO TR12.2.2

Category: IOTC fishery: Tuna Purse-Seine Fishery

[IOTC ROS SFO TR12]



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Work and Observation Areas

- ✓ The bridge (D) in the upper decks
- ✓ The console where the operation of the winches is controlled from
- ✓ The main deck where brailing and pre-sorting of large bycatch happens
- ✓ The lower deck where the fish is sorted and stored into brine wells



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Bridge

- Observer to be given access to bridge to collect information from navigation and fishing equipment's and to use vessel communication means to contact the Observer Programme as required.





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Operation Control Console

- Ideal placement for the Observer to watch the hauling and pursing of the net, and the brailing of the catch or the capsizing of the net.





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Main Deck

- When on main deck the Observer is to place himself behind the purse-seine winches and away from the moving brail.



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Lower Deck (or factory deck)

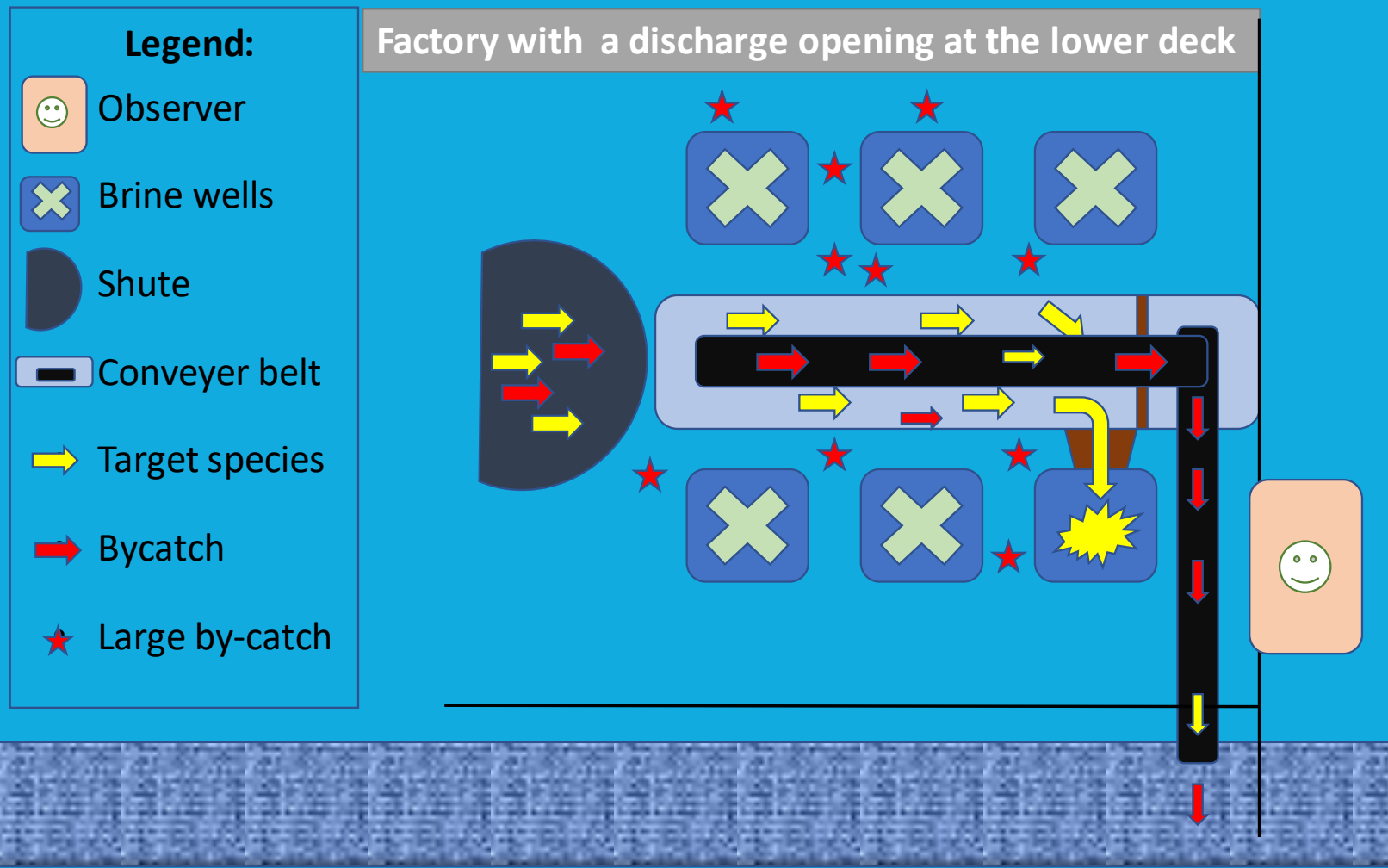
- Purse-seine vessels can be equipped or not with a discard hatch on the factory deck.
- Last generation tuna purse-seiners can also be equipped with dry wells to store fish to be sold on the fresh tuna market (in opposite to fish sold for canning).
- Some of the holder Purse-seine vessels aren't equipped with a discard hatch and will resort to rejection nets or bins to store discards before taking them to the main deck to be thrown away.

When on the lower deck the Observer is to chose his work and sampling area according to the following examples.



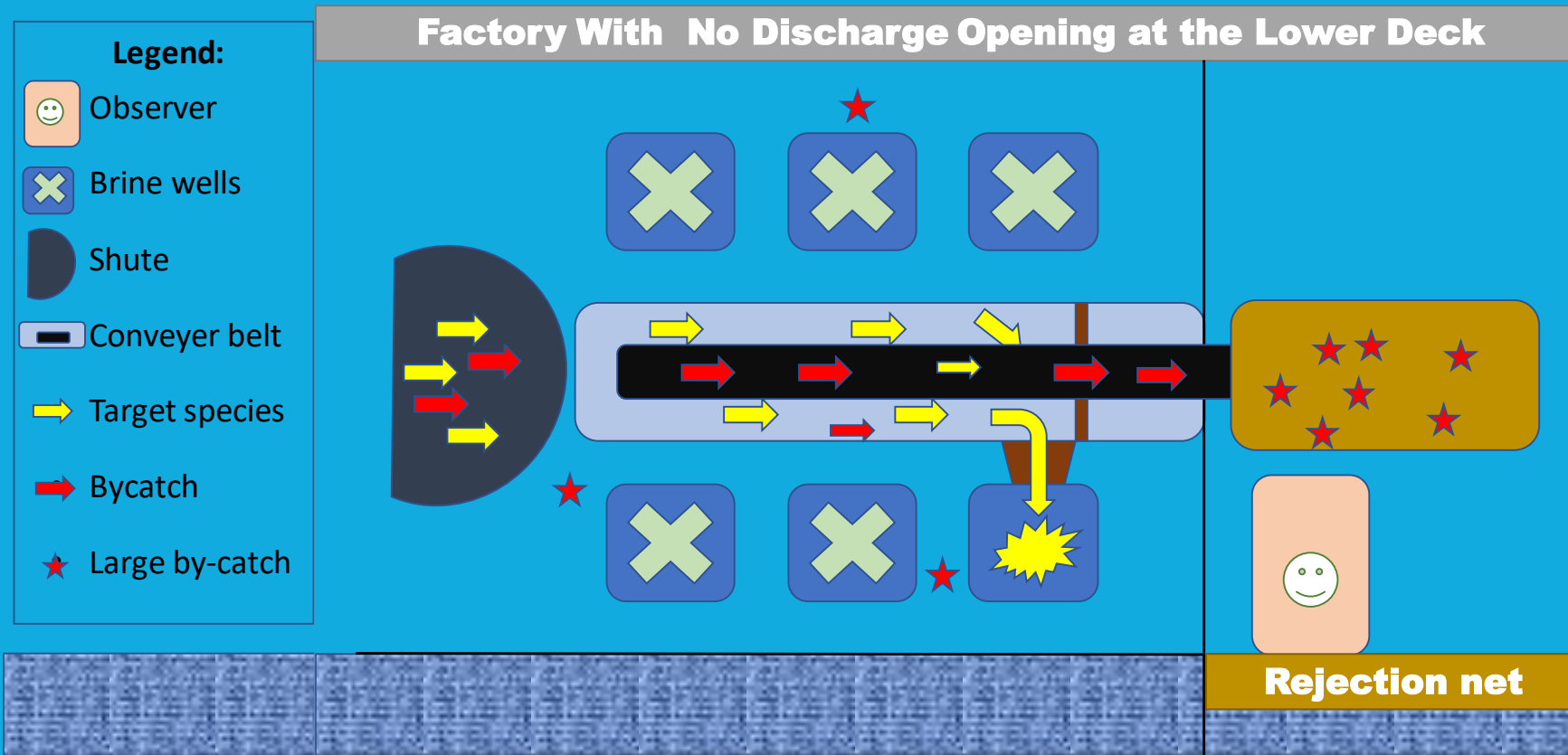


- On a vessel equipped with a discard hatch the Observer is to place itself next to the hatch to observe discards (count, ID) and to collect biometrical samples as instructed.





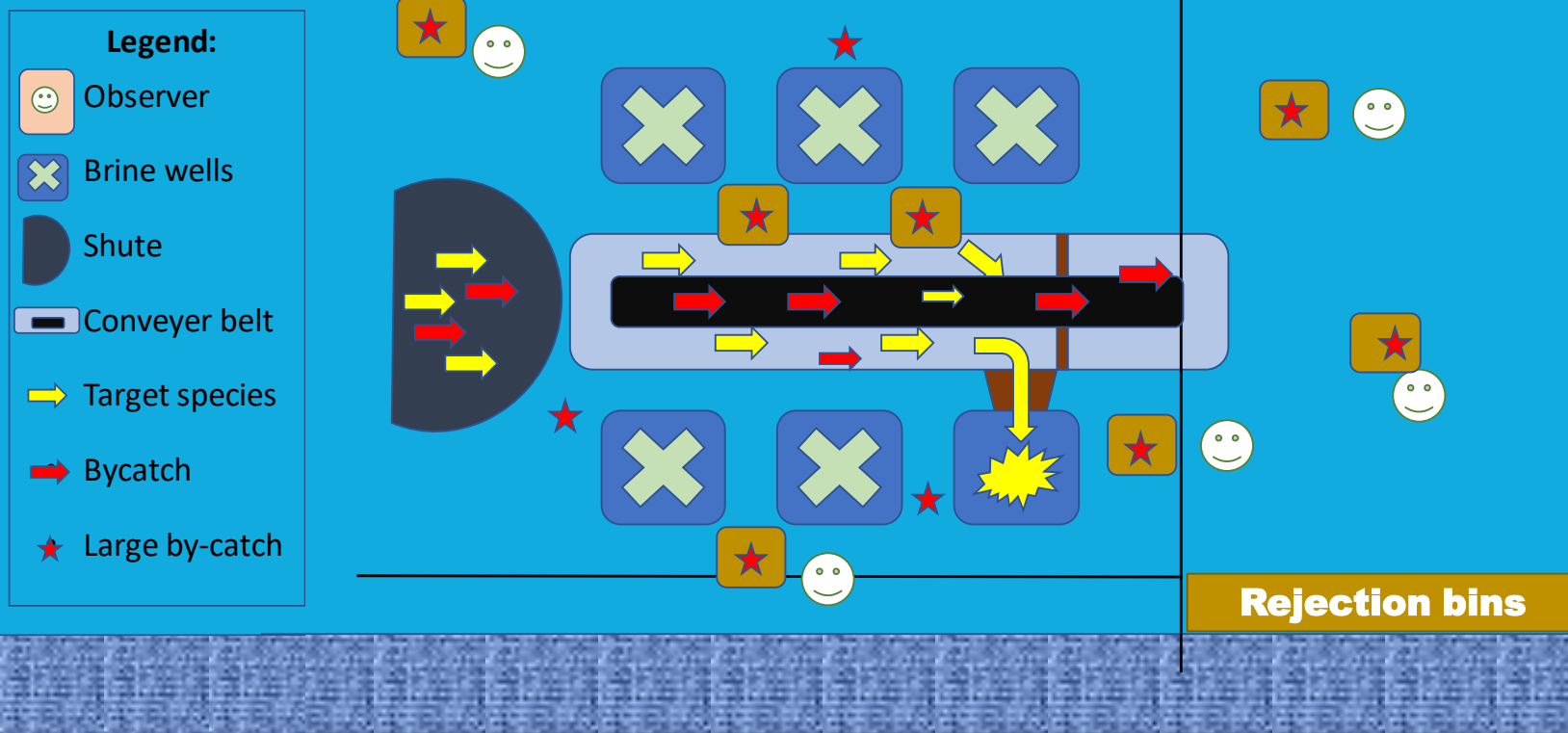
- On a vessel that is not equipped with a discard hatch and that uses a rejection net to store discards before throwing them over-board, the Observer is to place itself next to the rejection net to count and identify discards species and to collect biometrical samples as instructed.





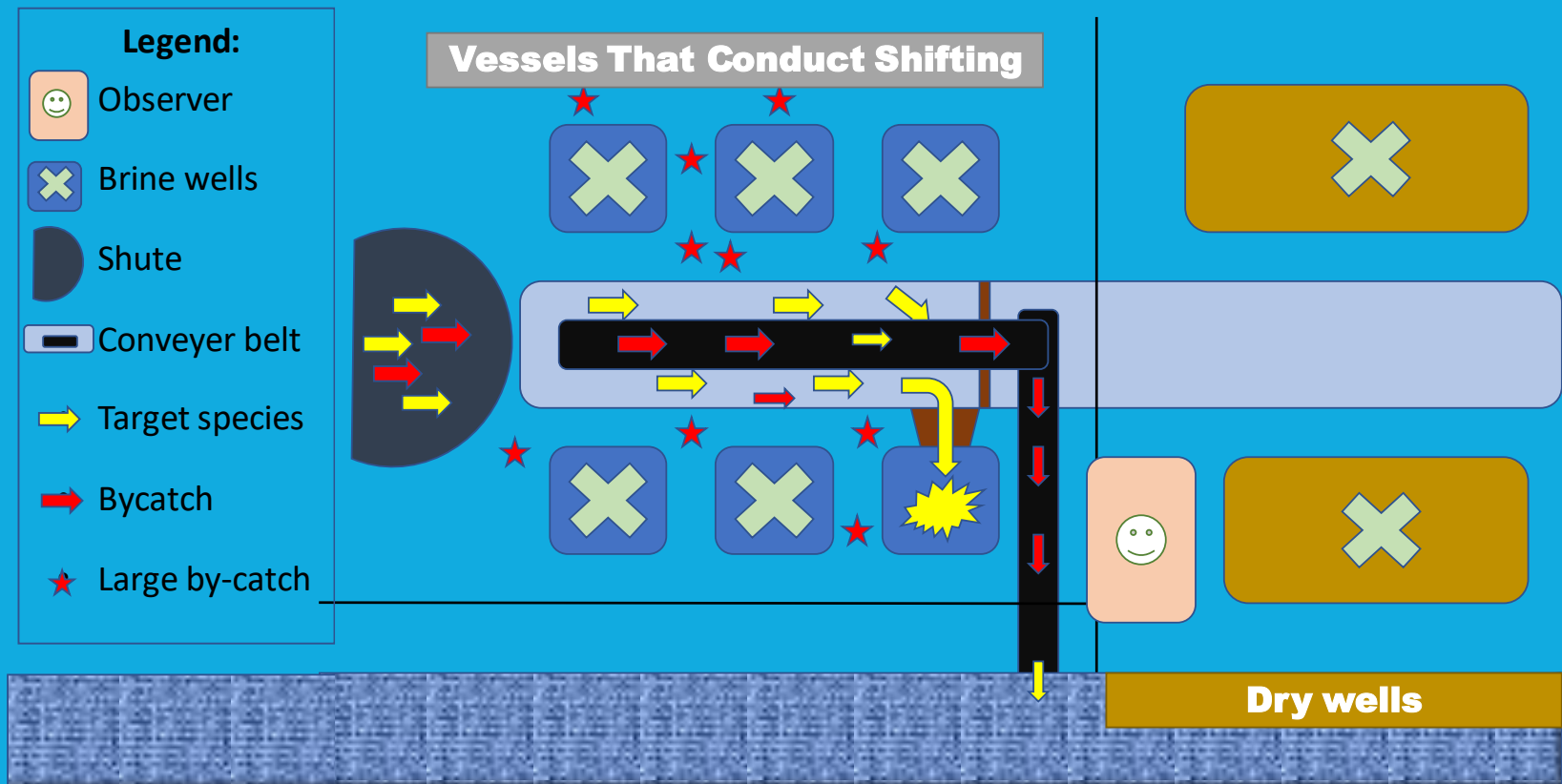
- On a vessel that is not equipped with a discard hatch and that uses rejection bins to store discards, the Observer is move around the factory and to pull aside as many discard bins as possible. While the crew is sorting the catch and also when they finish sorting the Observer is to count and ID discards stored in the bins and to collect biometrical samples as instructed.

Factory With No Discharge Opening at the Lower Deck



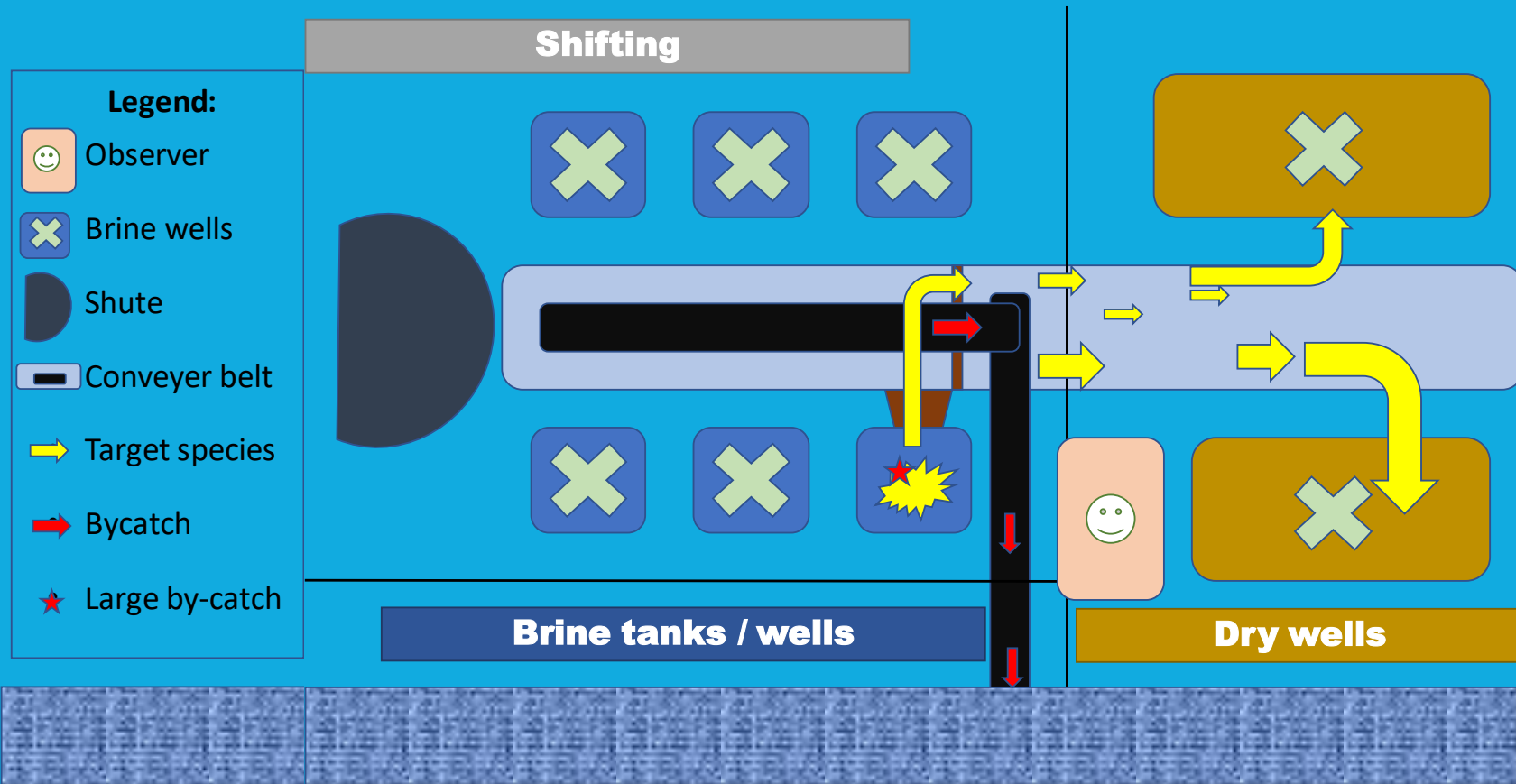


- On a vessel equipped with a discard hatch, brine wells and dry wells the Observer is to place itself next to the hatch to observe discards (count, ID) and to collect biometrical samples.





- On a vessel equipped with a discard hatch, brine wells and dry wells the Observer is to monitor any shifting of the catch from brine wells to dry wells. Shifting can occur during the day or the night. When monitoring shifting activities the Observer is placed next to the hatch and monitors any discards (count, ID) and to collect biometrical samples as instructed.





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