

Animation

RV *Investigator* – Collecting samples with nets

[YouTube] ref: <http://youtu.be/B7-ZBsErteg>

Transcript

[Music plays and plankton appear on screen with text: Marine National Facility]

[Camera pans over a school of southern bluefin tuna]

[Image changes to show an animation of the RV *Investigator*]

[Text appears: RV *Investigator* – Trawling]

[Camera shows small net attached to trawler]

[Text appears: Specialist nets can be used on board *Investigator* to collect samples from the ocean.]

[Camera shows net from below sea surface]

[Text appears: Small surface nets collect plankton and fish larvae.]

[Camera shows new rectangular net operating at surface]

[Text appears: The manta net scoops up objects floating on the surface, like fish larvae, jellyfish and plastic pollution.]

[Camera shows a net oriented vertically descending; images alongside show three types of marine micro-organism]

[Text appears: The drop net is weighted down and is used to collect small organisms down to 100m]

[Image changes to view of trawler, image goes below surface to view of new more complex apparatus]

[Text appears: The EZ net has ten separate nets that can be opened at different depths to collect plankton.]

[Camera shows EZ net changing nets]

[Image changes to different net, images alongside show three types of fish]

[Text appears: The pelagic trawling net collects samples of fish species from a mid-water depth.]

[Text appears: Collecting samples with nets allows scientists to monitor the health of the ocean and what lives in it, from plankton and invertebrates, to larger fish.]

[Image changes back to trawler]

[Text appears: Our deepest oceans and what lives there remain relatively unexplored, and new species are discovered every year.]

[Camera zooms up and away, trawler recedes from sight against ocean backdrop]

[CSIRO logo appears with text: Big ideas start here www.csiro.au]

MNF: <http://mnf.csiro.au>

Investigator blog: Investigator@CSIRO