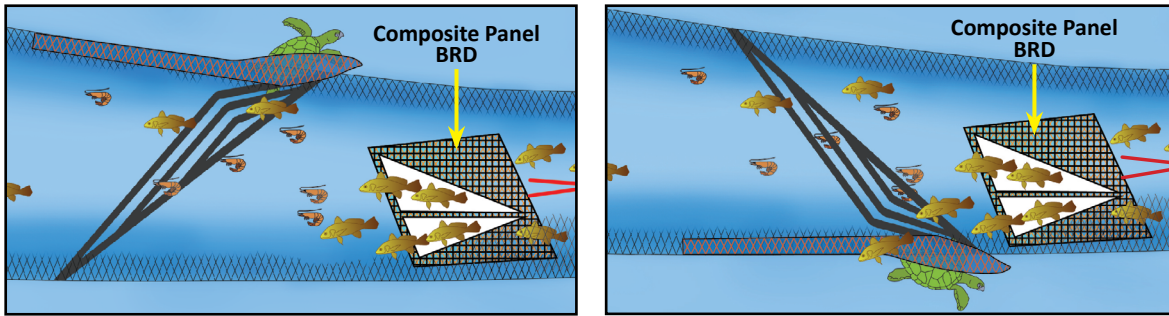


DEVICE:

Diamond and square mesh (must have both) sewn together as a panel and placed precisely in the net to create a funnel with escape windows cut in the net. There must be a secondary BRD component (cone or large square mesh panel). Typically sold as an extension unit (already in webbing) and placed directly behind TED.

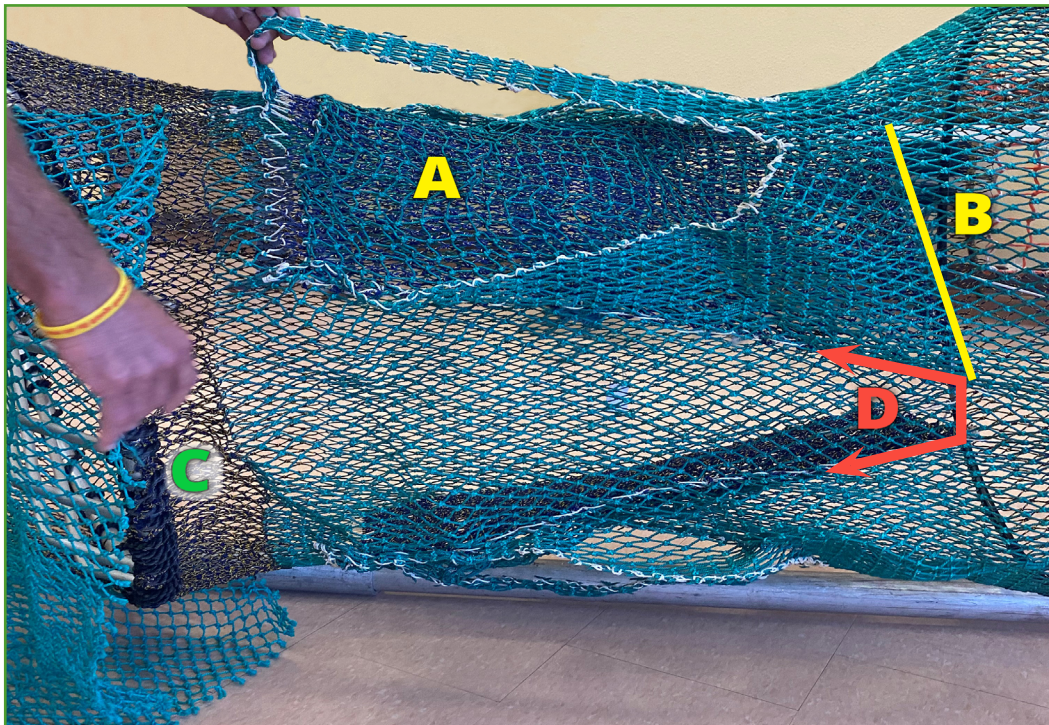


PANEL CHECK:

- Both mesh types with square mesh facing escape window (A)
- Each panel measures no more than 18 inches (regulation) from top to bottom (20 inches is allowable, but recommend replacing the panel due to stretching). (B)

BRD PLACEMENT QUICK CHECKS:

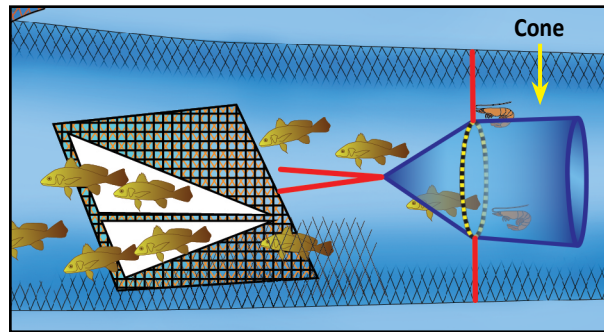
- The escape windows start on a row of meshes 10 inches or less from the back edge of the TED frame (top or bottom shooting). Reinforce the opening edges (selvage) to prevent knots from fraying. (C)
- The V-shape of the panel funnel is visible on the bottom of the BRD/net. (Same for top or bottom-shooting TEDs) (D)
- The back-bottom of the panels will be 5 meshes apart, no more than 8. (D)
- The panel tops appear to slant upward (forward to aft) on an even line (bar) on the net when viewed from the side. The back ends of the panels at the top will be much further apart than at the bottom. (not pictured)



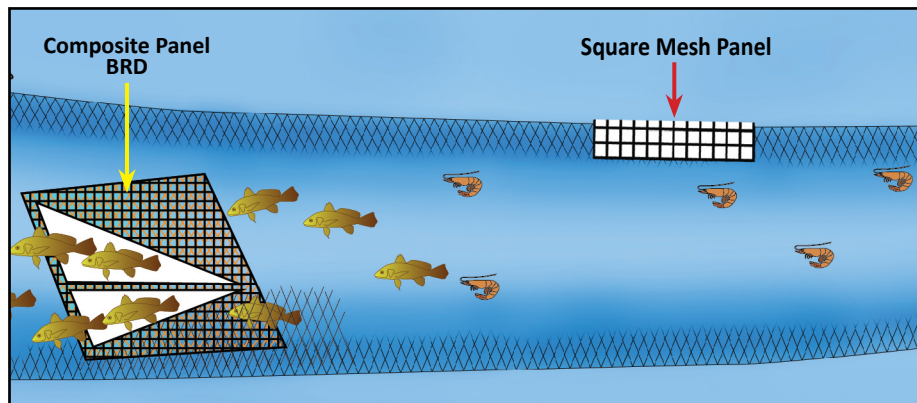
Bottom view of Composite Panel behind a TED. Check points are highlighted by corresponding letters

SECONDARY BRD COMPONENTS: (MUST HAVE ONE)

Cone: 1-foot or less from the apex of the cone (tip) to the rear edge of the composite panels and tied to the net at its hoop



Square Mesh Panel: 3-inch (min) stretched square mesh 5 by 12-meshes. Rear edge 8 ft or less from tie off rings. Hanging ratio is 4-net meshes to 1-square mesh on the 5-mesh side (regulation) no matter mesh size.



COMMON MISTAKES

NO SECONDARY BRD COMPONENT – First thing checked. If using as the primary BRD, have either of the secondary pieces in the net at the correct positions

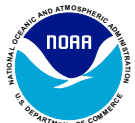
TOO FAR BACK – make sure BRD extension starts 4 meshes from the rear edge of TED. Check escape opening for distance (10 inches or less to TED)

UPSIDE DOWN – no matter the TED orientation, V-shape is visible from the bottom

ONLY DIAMOND MESH IN COMPOSITE PANEL – square mesh provides structure under tow, lets bycatch out

SECONDARY SQUARE MESH PANEL – fail to have minimum mesh size OR improper hanging ratio on the 5 mesh side. Always use a 4 to 1 hanging ratio, no matter the codend mesh size.

SECONDARY SQUARE MESH TOO FAR FORWARD – no more than 8 feet from tieoff rings. Check occasionally as mesh can stretch.



This document is meant as a quick reference for this gear and is in no way the full construction guide. Please check the NOAA website for full installation instructions.