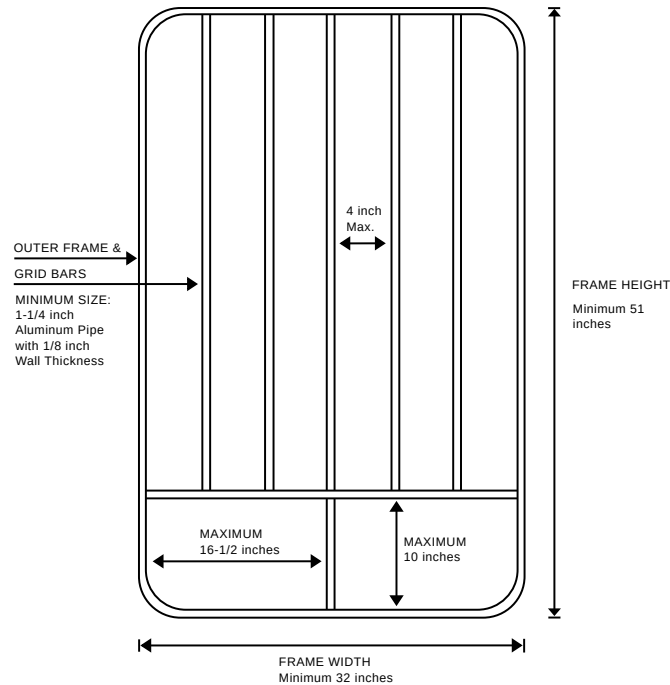


Current NOAA Approved TED Designs for Summer Flounder Fishery

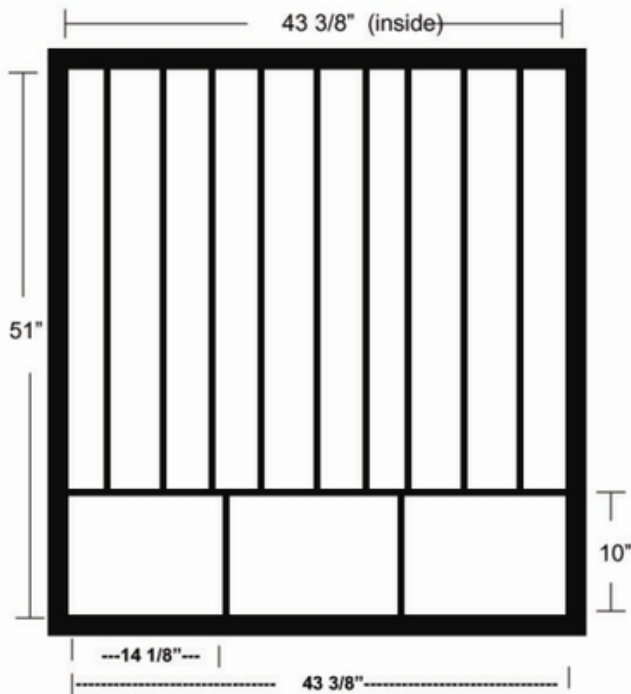


Flounder TED

- **Study Details: 2006**
- **Compared large escape opening to standard 35x12" TED opening**
 - Location: off North Carolina
 - Tows Completed: 27
 - Design: Paired tows, twin trawler.
 - ↑ 17% (by weight) compared to standard opening
 - Low overall catch rates (average 17 fish per tow)
- **Study Details: 2007**
- **Compared to control**
 - Location: East of Delmarva and south of Long Island
 - Tows Completed: 37
 - Design: Paired tows, alternate haul design
 - Catch retention: 35% decrease (statistically significant) of target catch. No difference in the size distribution of retained summer flounder.

Current NOAA Approved TED Designs for Summer Flounder Fishery

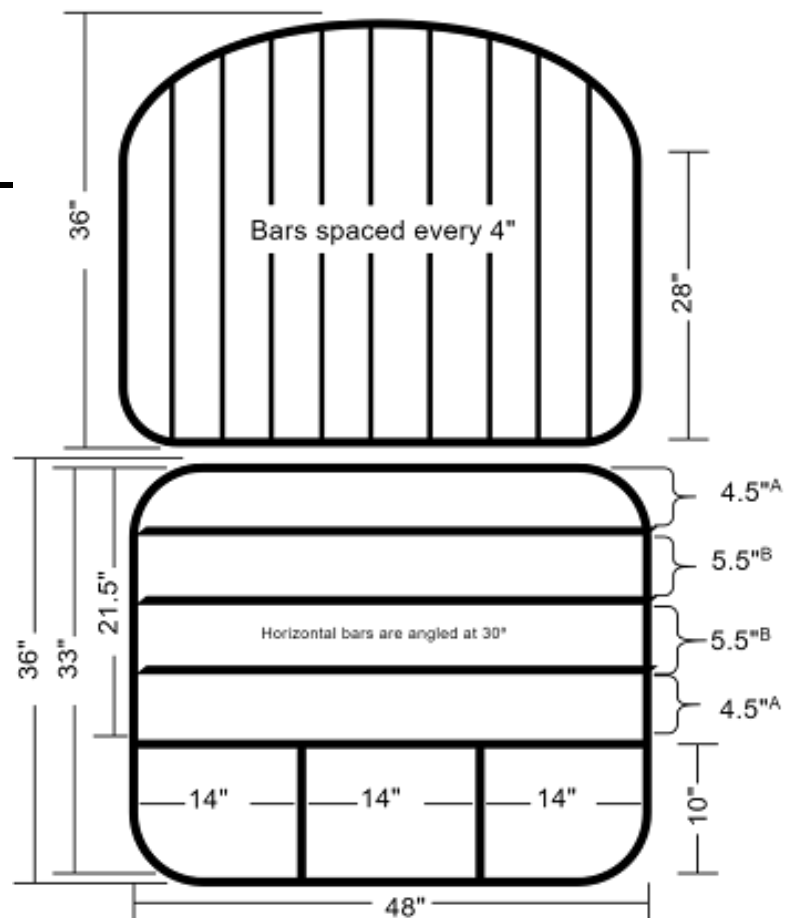
← Large Flounder TED



- **Study Details: 2009**
- **Compared to control**
 - Location: off Delaware through Long Island
 - Tows Completed: 40
 - Design: Paired tows, alternate haul design
 - Catch retention: 13% decrease (initially) of target catch. Not statistically significant. 43% decrease of large "jumbo" summer flounder.

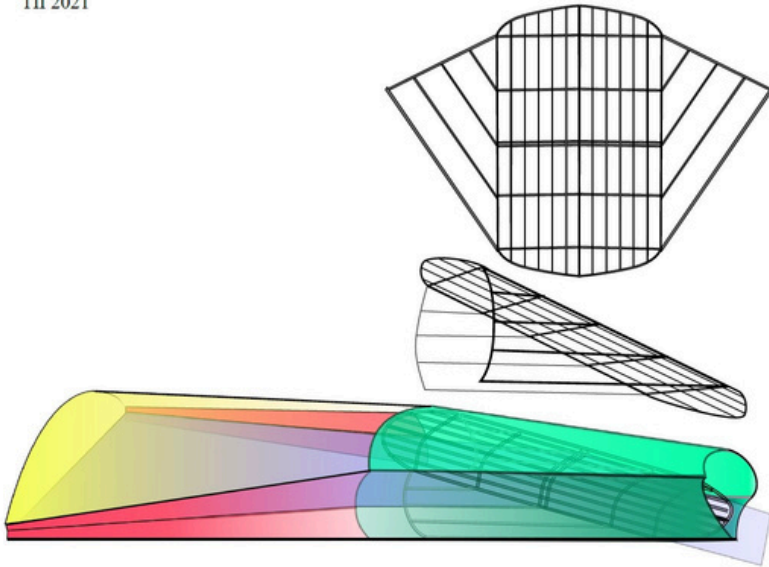
Modified Flounder TED →

- **Study Details: 2009-2010**
- **Compared to Large Flounder TED**
 - Location: Offshore of NC
 - Tows Completed: 32
 - Design: Paired tows, alternating
 - Catch retention: No statistical difference in catch rates
 - Other catch: No statistically significant difference in bycatch



TED Designs for Squid/Croaker Fishery

TII 2021



← TII Cable TED

NOAA Developed Design

Bottom opening, large

4" Bar spacing, flexible steel cable

- **Study details: 2019-2020**
 - Location: Suriname
 - Tows completed: 38
 - Design: Paired tows, twin trawls
 - Catch retention: 16% decrease in Target catch, statistically significant. $p=0.047$
 - Other catch: Decrease by 40%. Statistically Significant
- **Study Details: 2023-2026**
 - Location: Shinnecock, NY
 - Tows Completed: 56
 - Design: Paired tows, twin trawl
 - Catch retention: 6.9% loss of target catch. No statistical difference from control.
 - Other catch: Up to 83.8% reduction in dogfish

REED Cable TED →

Fisherman developed design, not NOAA approved

Bottom opening, large

3 1/2" bar spacing

- **Study Details: 2023-2026**
 - Location: Shinnecock, NY
 - Tows Completed: 72
 - Design: Paired tows, twin trawl
 - Catch retention: 1.4% increase of target catch. No statistical difference from control.
 - Other catch: Up to 33% reduction in dogfish

