ADA Requires ➔ Accessible parking
accessible routes
and accessible docks, but....
Scene from “Finding Nemo” 2003, Pixar Animation Studios and Walt Disney Productions
Now What?! An Answer to the Dock Transfer Question for Disabled Boaters

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Disabled Demographics

Who are the disabled:
- Can be old or young.
- Cause could be a disease, birth defect, injury, accident, assault, or combat.
- Condition may be temporary or permanent.
- Most are proud and want to be independent.
- Could be any of us at some point in our lives!

Recent Federal statistics put numbers at over 19% of the U.S. population!
Dock to Boat Transfer Station

Design requirements need to be
- small enough to fit on a dock.
- durable and weather resistant,
- non powered for unattended areas,
- ADA standards compliant,
- useable by a variety of disabilities,
- simple but functional,
- vandal and misuse resistant,
- safe!
HALOES TS-1

Hand Adjustable Landing Or Embarkation System Transfer Station 1

Satisfies design requirement challenges.
HALOES DESIGN

*Small enough to fit on a dock.*
Four feet wide. Allows a four foot wide path on an ADA accessible eight foot wide dock.

*Durable and weather resistant.*
Made of welded stainless and galvanized steel. Devices are weather resistant.

*Non powered for unattended areas.*
Uses simple gear mechanics, slides and hinges.

*ADA standards compliant.*
Seats, railings, and trip clearances met.

Connecticut Department of Energy and Environmental Protection
HALOES DESIGN

Usable by a variety of disabilities.
Usable by vast majority of disabled. Provides means for independent use by many.

Simple but functional.
Uses hand cranks, slides, and torsion springs. Easy to understand and use.

Vandal and misuse resistant.
Strong construction. Stainless isn’t a target for scrap. Perforated metal seat discourages use as cutting board. Side crank secured by cable.
Safe!

Support handles strategically provided. Sliding hand rail can be used to stabilize movable seat users. Ramp and seat are perforated to decrease sliding potential. Movable seat remains level at all heights. Sliding rails and movable seat have a 250 pound plus capacity. Scissor jack has 3000 pound capacity and will not slip or collapse. Seat and ramp rise on gunnel with waves or wakes. Painted white to reduce solar heating of surfaces.
HALOES Features (cont’d)
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