

SeaStar Hydraulic Steering

Steering Options Based On Boat Type:

Following are some common boat types and suggested Teleflex Marine hydraulic steering systems likely to be applicable. For a general overview of mechanical and hydraulic steering system options, please see *Steering Options Based On Engine Type* on pages 6-7.

1. INFLATABLE: Boats manufactured from waterproofed fabric which are inflated with air in order to achieve their shape. The bottom of the hull may be made of fabric and/or fiberglass. They typically have narrow transoms. Boats may have one or two engines, and are generally slower than 40 MPH.

Outboard — Single Engine:

Basic System: BayStar (up to 150 HP)
Easier Steering: BayStar PLUS (up to 150 HP)
Easiest Steering: SeaStar P/A

Outboard — Dual Engine:

Basic System: SeaStar (Pivot Mount Cylinder)
Premium system: SeaStar P/A

2. CRUISER: Cuddy/express/bridge cruiser primarily designed for cruising. It has overnight accommodations. Typically rigged with two steering stations. Boats may be equipped with single or multiple engines and are generally slower than 45 MPH.

Stern Drive:

Basic System: SeaStar Stern Drive
Heavy Duty System: Hynautic (K-5 Cylinder)
Easiest Steering: SeaStar P/A

Inboard (small to medium size):

Basic System: SeaStar 2-line
Heavy Duty System: Capilano 2-line
Extra Heavy Duty System: Hynautic 3-line
Easiest Steering: SeaStar P/A or SeaStar Power Steering

Inboard (medium to large size):

Basic System: SeaStar 2-line
Heavy Duty System: Capilano 2-line
Extra Heavy Duty System: Hynautic 3-line
Easiest Steering: SeaStar Power Steering

3. RUNABOUT: Intended for day boating. Typically a single engine, but can be a dual engine boat. This includes tournament ski boats and performance outboards. Boat speeds generally do not exceed 60 MPH.

Outboard — Single Engine:

Basic System: BayStar (up to 150 HP)
Easier Steering: BayStar PLUS (up to 150 HP)
Easier Steering: SeaStar (up to 300 HP)
Easiest Steering: SeaStar P/A

Outboard — Dual or Triple Engine:

Basic System: SeaStar (up to 600 HP)
Extra Heavy Duty System: SeaStar Tournament Series (up to 900 HP, triple engines)
Easiest Steering: SeaStar P/A

Stern Drive:

Basic System: SeaStar Stern Drive
Heavy Duty System: Hynautic (K-5 Cylinder)
Easiest Steering: SeaStar P/A

Inboard:

Basic System: SeaStar 2-line
Heavy Duty System: Hynautic 3-line
Easiest Steering: SeaStar P/A

4. FISH 'N' SKI: Single engine boat designed for day fishing or skiing in protected waters. Boat speeds are generally lower than 40 MPH.

Outboard — Single Engine:

Basic System: BayStar (up to 150 HP)
Easier Steering: BayStar PLUS (up to 150 HP)
Easier Steering: SeaStar (up to 300 HP)
Easiest Steering: SeaStar P/A

Stern Drive:

Basic System: SeaStar Stern Drive
Easiest Steering: SeaStar P/A

selecting hydraulic steering for your boat

5. FISH BOAT: Boat primarily designed and equipped for offshore fishing. May be rigged with a second station and have single or multiple outboards. Speeds are generally slower than 50 MPH.

Outboard — Single Engine:

Basic System: BayStar (up to 150 HP)
Easier Steering: BayStar PLUS (up to 150 HP)
Easier Steering: SeaStar (up to 300 HP)
Easiest Steering: SeaStar P/A

Outboard — Dual or Triple Engine:

Basic System: SeaStar (up to 600 HP)
Extra Heavy Duty System: SeaStar Tournament Series Cylinders (up to 900 HP, triple engines)
Easiest Steering: SeaStar P/A

Stern Drive:

Basic System: SeaStar Stern Drive
Heavy Duty System: Hynautic (K-5 Cylinder)
Easiest Steering: SeaStar P/A

Inboard:

Basic System: SeaStar 2-line
Heavy Duty System: Capilano 2-line
Extra Heavy Duty System: Hynautic 3-line
Easiest Steering: SeaStar P/A or SeaStar Power Steering

6. CENTER CONSOLE: Boats with the control station located on the center line of the boat. Designed specifically for fishing, may have single or multiple engines. Boat speeds are generally slower than 65 MPH.

Outboard — Single Engine:

Basic System: SeaStar (up to 300 HP)
Easiest Steering: SeaStar P/A
Maximum Steering Precision: SeaStar PRO

Outboard — Dual or Triple Engine:

Basic System: SeaStar (up to 600 HP)
Extra Heavy Duty System: SeaStar Tournament Series Cylinders (up to 900 HP, triple engines)
Easiest Steering: SeaStar P/A

Stern Drive:

Basic System: SeaStar Stern Drive
Heavy Duty System: Hynautic (K-5 Cylinder)
Easiest Steering: SeaStar P/A

Inboard:

Basic System: SeaStar 2-line
Heavy Duty System: Capilano 2-line
Extra Heavy Duty System: Hynautic 3-line
Easiest Steering: SeaStar P/A or SeaStar Power Steering

7. BASS BOAT: Single engine designed specifically for fishing in protected waters with a flat-bottomed hull. Generally performance oriented with speeds that can exceed 60 MPH.

Outboard — Single Engine:

Basic System: SeaStar (up to 300 HP)
Maximum Steering Precision: SeaStar PRO
Easiest Steering: SeaStar P/A PRO

8. PONTOON: Twin or Triple hull boats. Single and dual engine capable. Generally speeds do not exceed 60 MPH. Note: High steering loads when equipped with engines over 115 HP.

Pontoon System: SeaStar (up to 600 HP) — several configurations available
Easiest Steering: SeaStar P/A

9. CATAMARAN: Twin hull vessels. Typically twin engine boats where the use of a mechanical tie bar is not possible. Speeds do not exceed 60 MPH.

Catamaran System: SeaStar (up to 600 HP) — several configurations available
Easiest Steering: SeaStar P/A

10. COMMERCIAL/WORK/RESCUE/RACE:

Any of the boats described above used in a more severe environment. Take special care when selecting a system for these boats to ensure that you have both comfortable and reliable steering for your boating conditions.

NOTE: These recommendations are general in nature. Recommendations made in this publication are guidelines based on average acceptance of steering effort. **Any boat/steering system combination should be water-tested by the installer to ensure safe and dependable steering.** If in doubt, please contact Teleflex Canada Technical Service at 604-270-6899, FAX 604-270-7172 or on-line at www.teleflexmarine.com.