Serious Crevice Corrosion

Corrosion at deck level

Using 2x6 to remove the plates

Raw plates after cutting
Note Starboard™ blocks which will become the covers

Sanding Disks 40 to 400 grit

Polished
Doubler (2 reqd.)

- **0.25 Drill to Ø 0.625**
- **Weld for doubler.**
- **Optionally just use as spacer.**
- **Designed for 5/8" fork**

**NOTE:**
Check hole position dimensions – they are probably different for each boat.

**Tensile Strength =** $0.813 \times 2 \times 0.375 \times 80000 = 48,750 \text{ lbs}$

**3/8 1x19 Wire Break Load =** 14,434 lbs

5/16" is adequate thickness but 316 SS costs less in 3/8"
Intermediate Chainplate
3/8" 316 SS
Qty 2

Chainplates - Intermediates & Lowers

Forward & Aft Lowers
Chainplate
1/4" 316 SS
Qty 4

Tensile Strength = 0.9375 * 2 * 0.375 * 80000 = 56,250 lbs
3/8 1x19 Wire Break Load = 14,434 lbs

Tensile Strength = 0.6875 * 2 * 0.25 * 80000 = 27,500 lbs
5/16 1x19 Wire Break Load = 10,229 lbs
CHAINPLATE COVERS
MATERIAL: ¾" Starboard or UHMW
(4" x 30" stock)

Backstay (Qty 2)

Lowers (Qty 5)

Uppers (Qty 3)

MATERIAL: ¾" Starboard or UHMW
(4" x 30" stock)