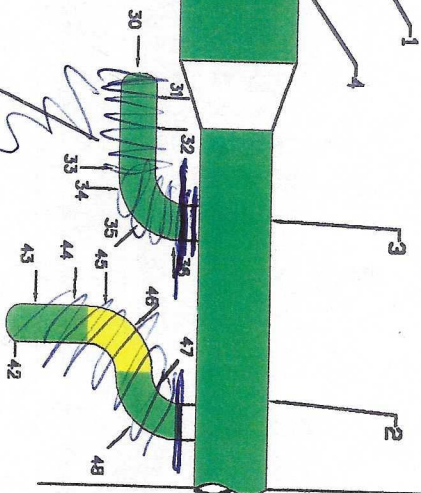
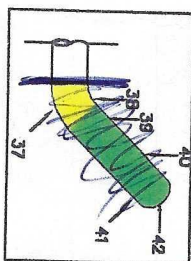
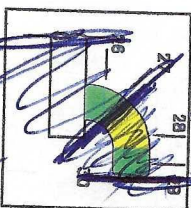
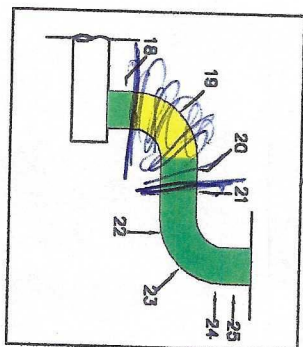


C.C.G.S. RRY FOX

AIR BUBBLER SYSTEM PIPING: FWD BALLAST DEEP TANK OUTBOARD MANIFOLD FR. 123-145  
STARBOARD Side, Looking Outboard

April 22/08

S6 S7



S8  
Remove 60° elbow  
+ a piece of pipe

S9  
Hull penetration  
whole pipe from  
manifold to hull  
3 x 90°

S10  
8 x 90°  
1 x 45°

DESCRIPTIONS
NO WASTAGE
0%-20% WASTAGE
20%-40% WASTAGE
> 40% WASTAGE

Diameter	Schedule	Thickness
90mm	XXH	16.0mm
250mm	160	28.6mm
400mm	160	40.5mm

CONAM

Conam Marine Services Division

FWD Ballast Deep Tank Fr. 123-145

R. Chioine 05 / 10 / 2002

GENERAL NOTES

1. DRAWING NOT TO SCALE
2. READINGS WERE TAKEN CLOCKWISE AROUND THE PIPE CIRCUMFERENCE AND OUTER RADIUS OF PIPE ELBOWS
3. XX = ULTRASONIC READING