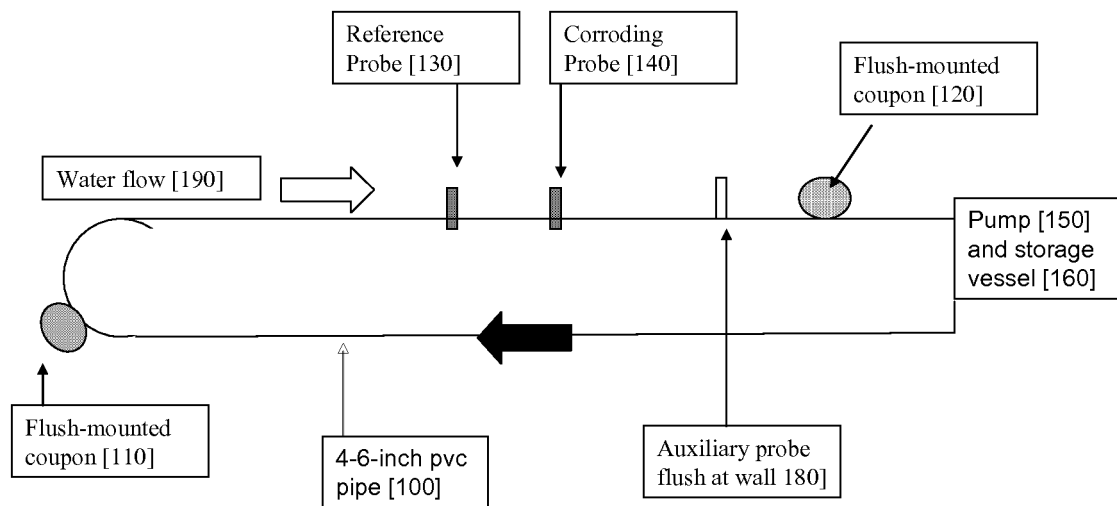


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Figure 1



1

Figure 2

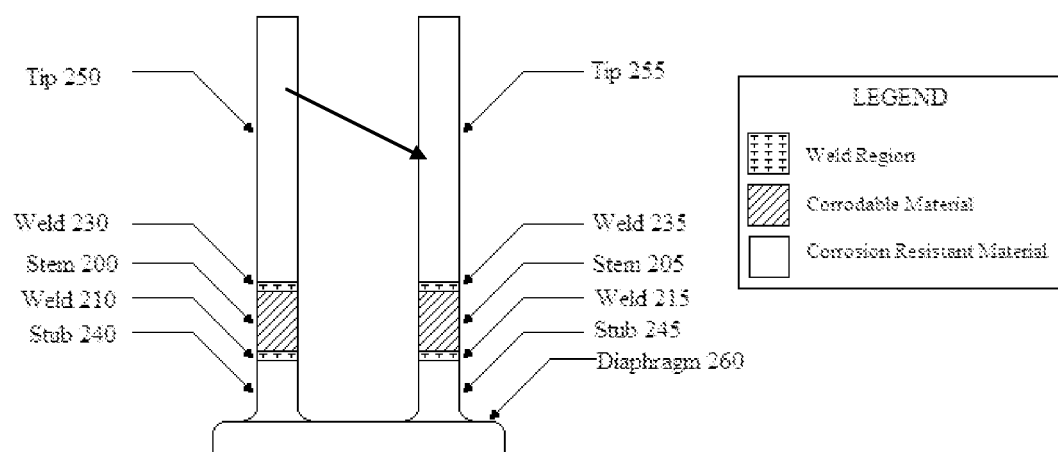
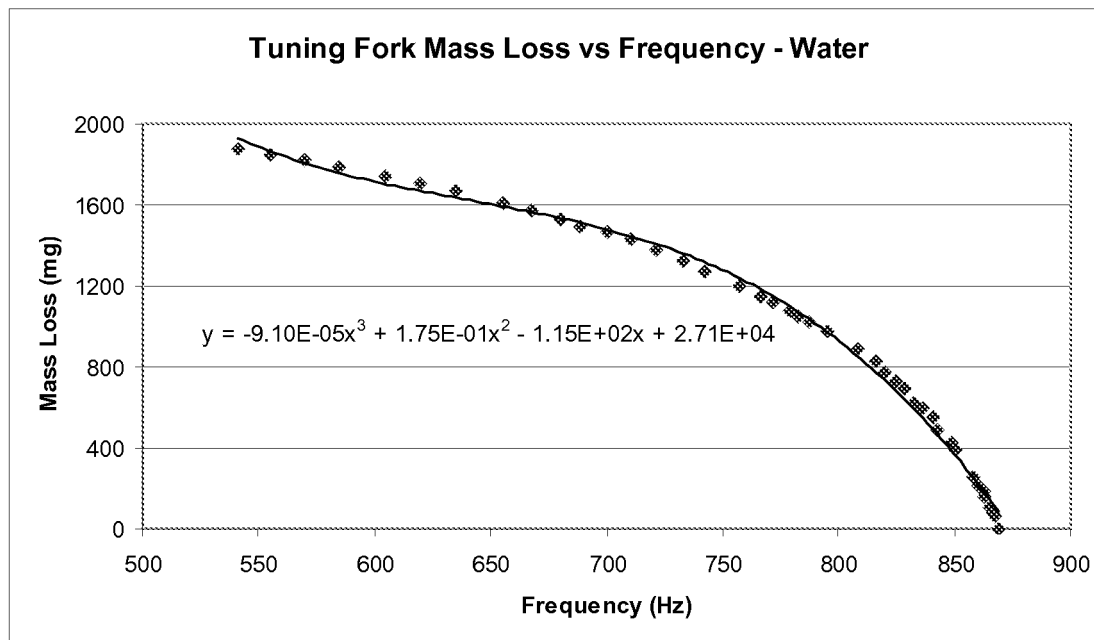
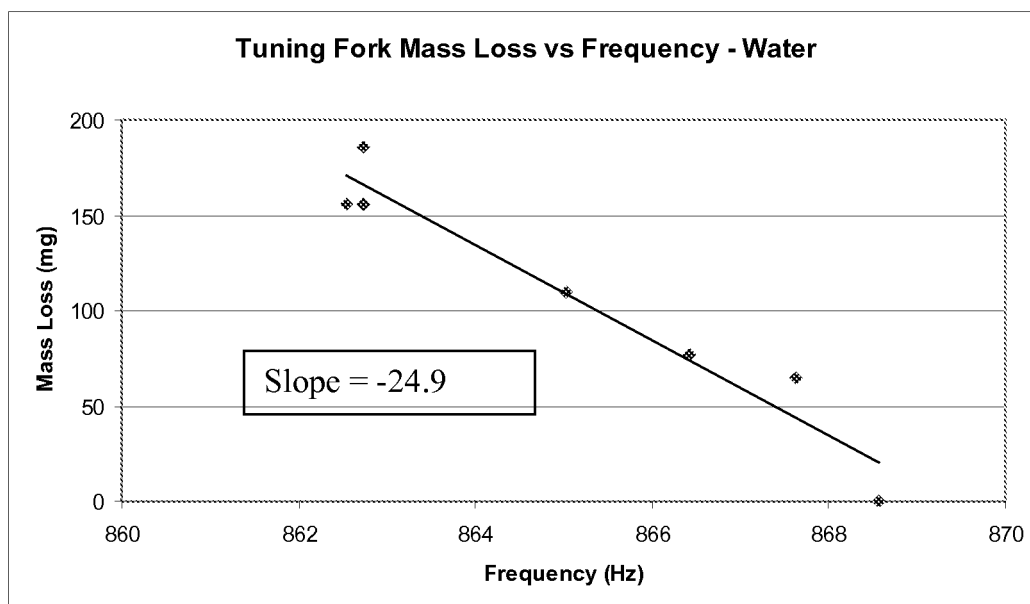


Figure 3

Resonance frequency of tuning fork mechanical oscillator in water prior to any mass loss:
869 Hz.

Figure 4A

A. Relationship for the Figure 3A Data for Less than 200mg of Mass Loss

Figure 4B

B. Relationship for Similarly Fabricated Mechanical Oscillator

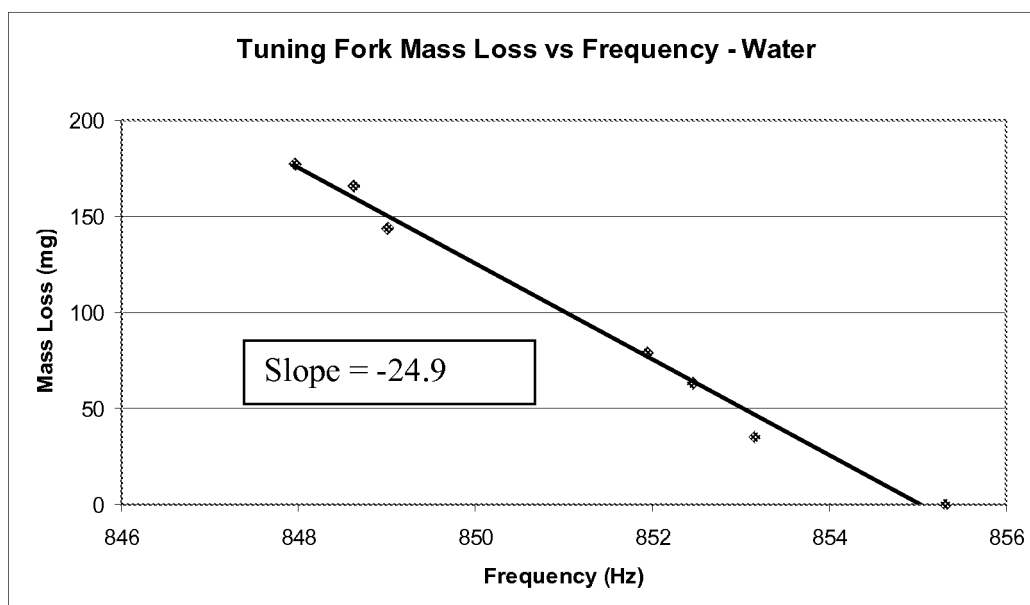
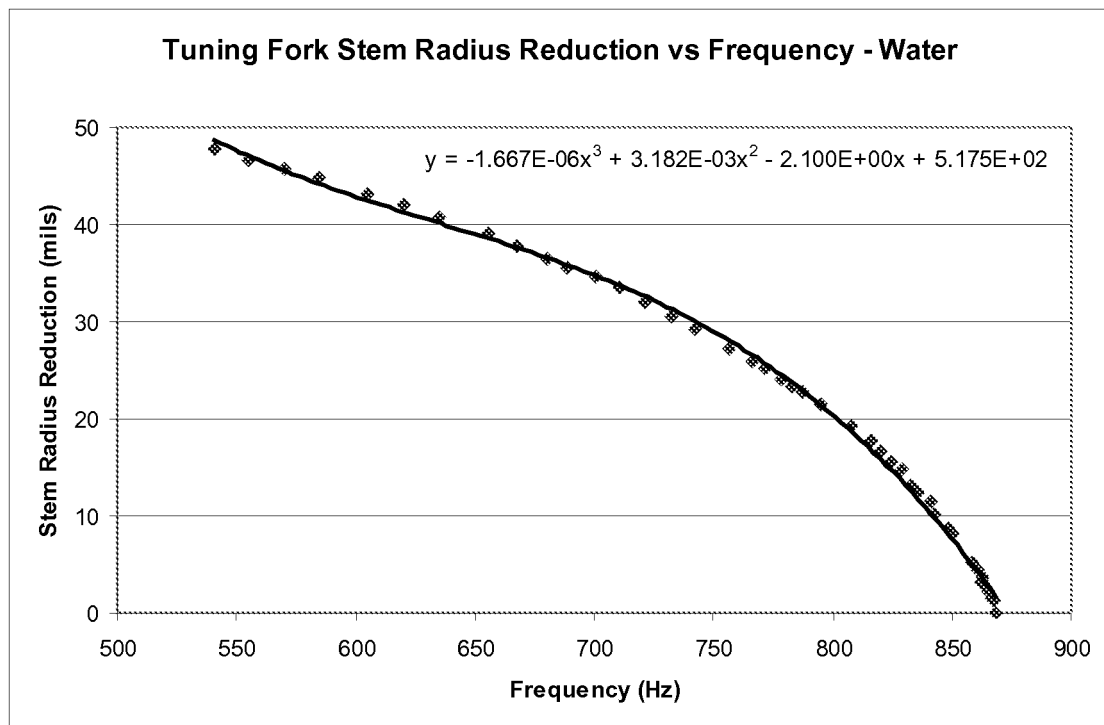
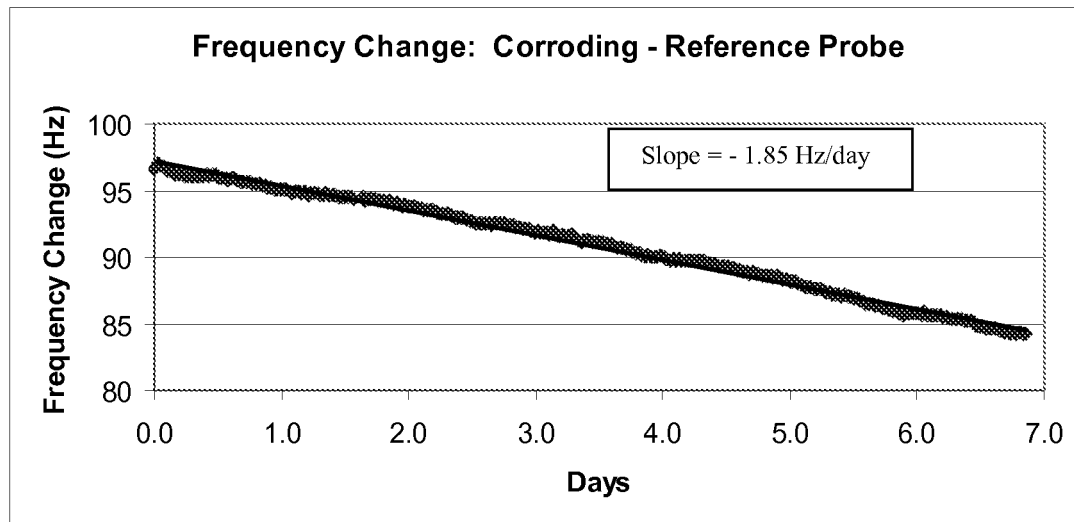
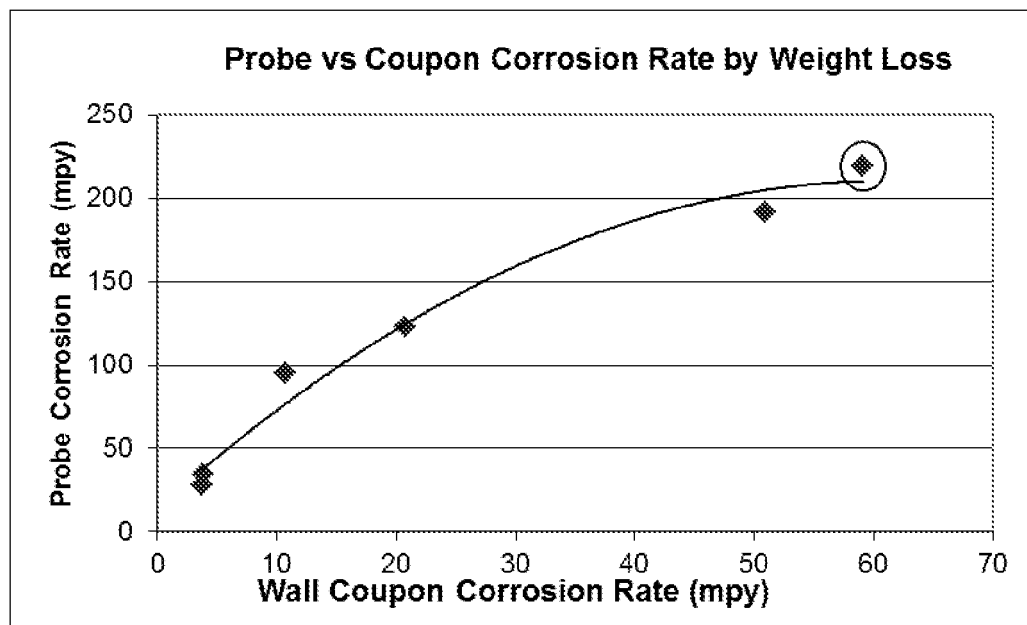
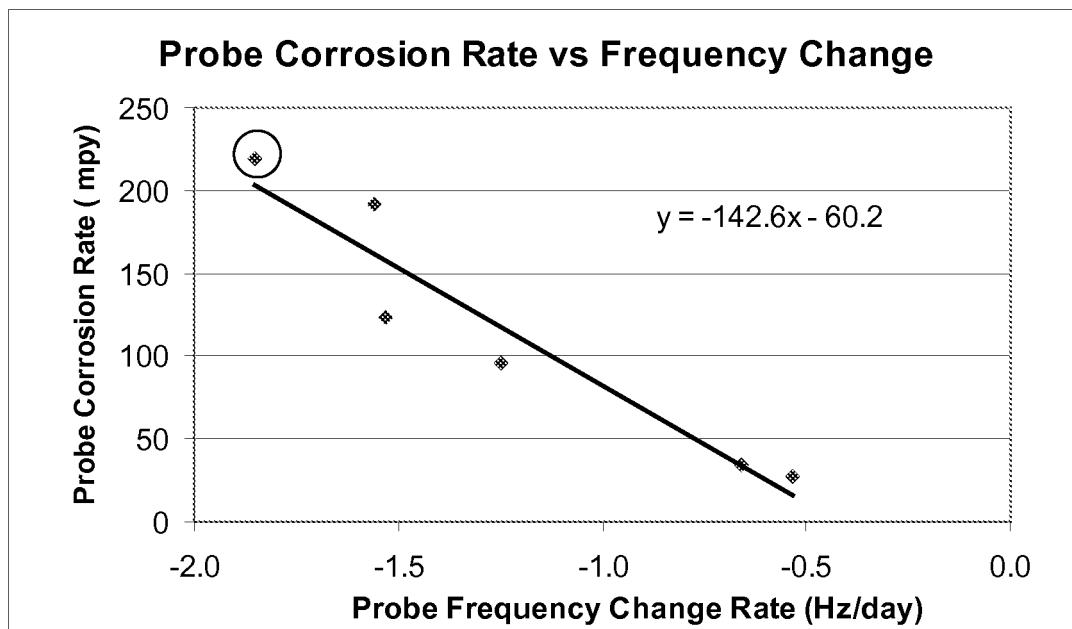


Figure 5

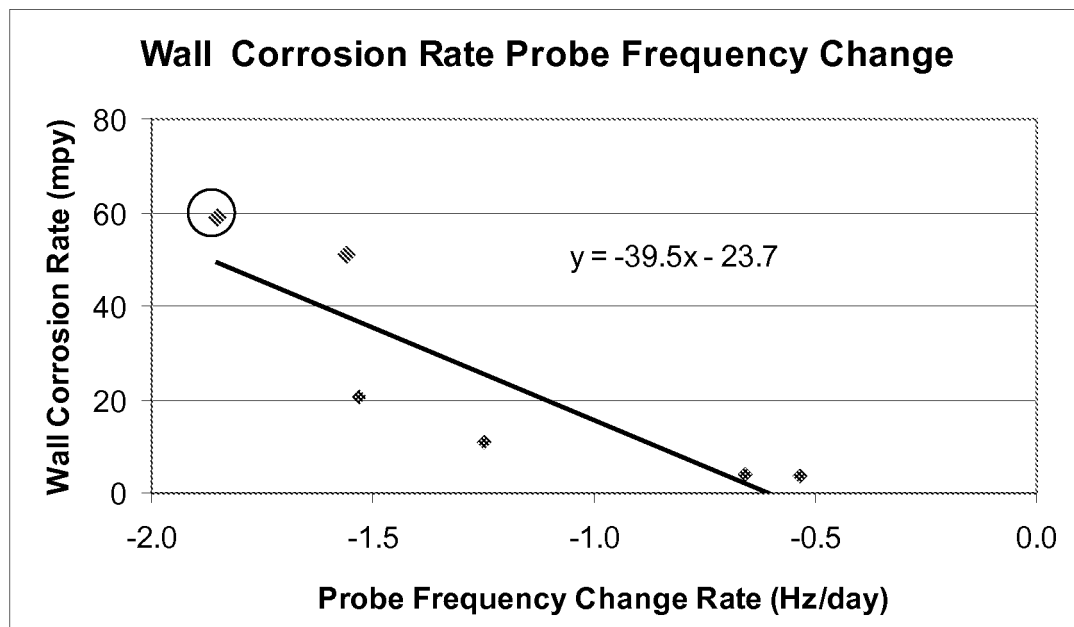
Resonance frequency of tuning fork mechanical oscillator in water prior to any mass loss: 869 Hz.

Figure 6Figure 7

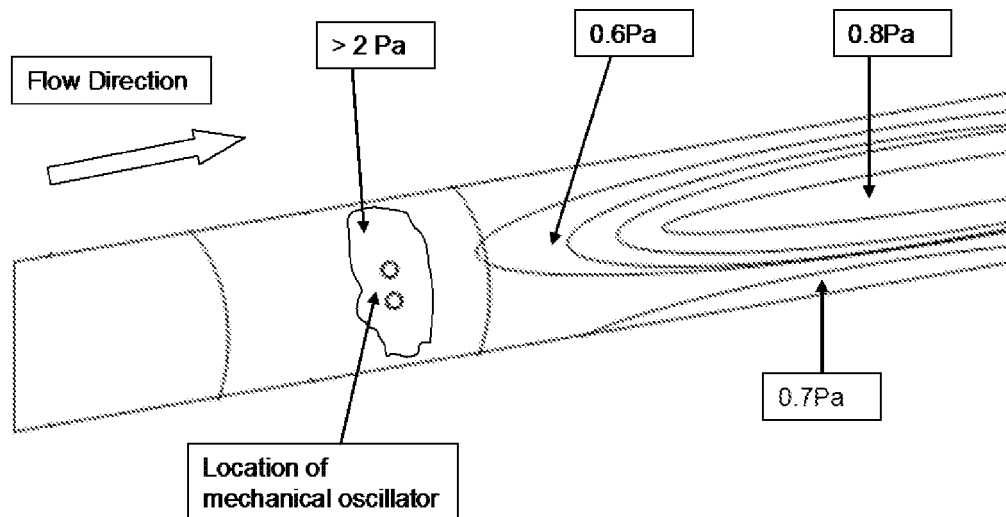
Circled data point was collected during the test for the data shown in Figure 6

Figure 8

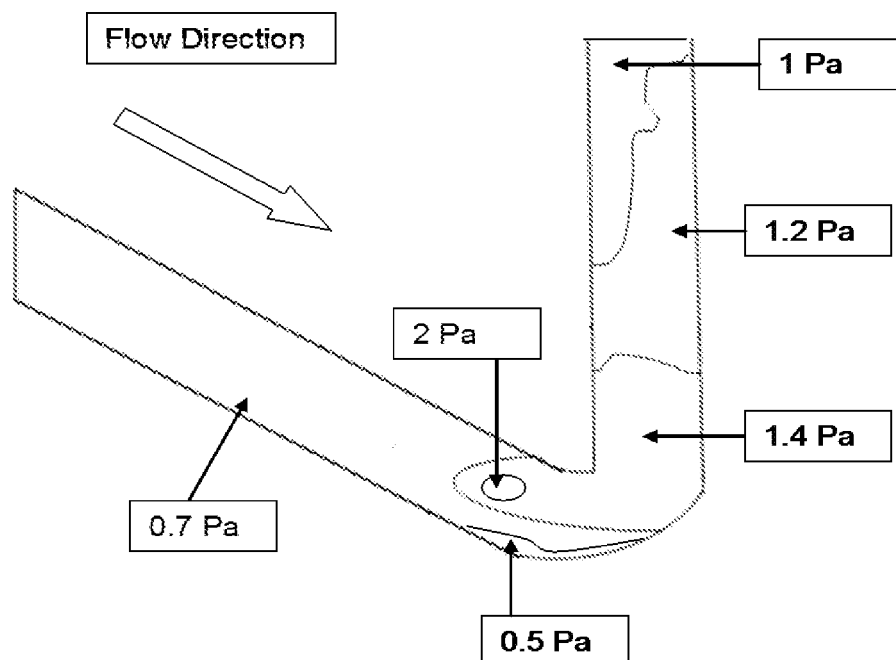
Circled data point was collected during the test for the data shown in Figure 6

Figure 9

Circled data point was collected during the test for the data shown in Figure 6

Figure 10a

Wall shear stress on pipe wall downstream of mechanical oscillator

Figure 10b

Wall shear stress at pipe elbow