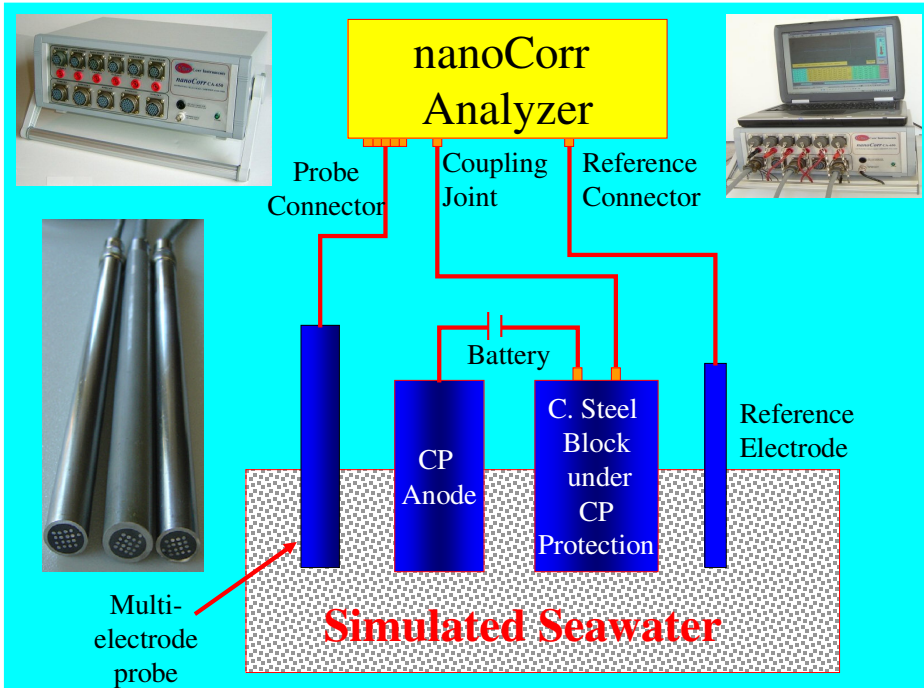


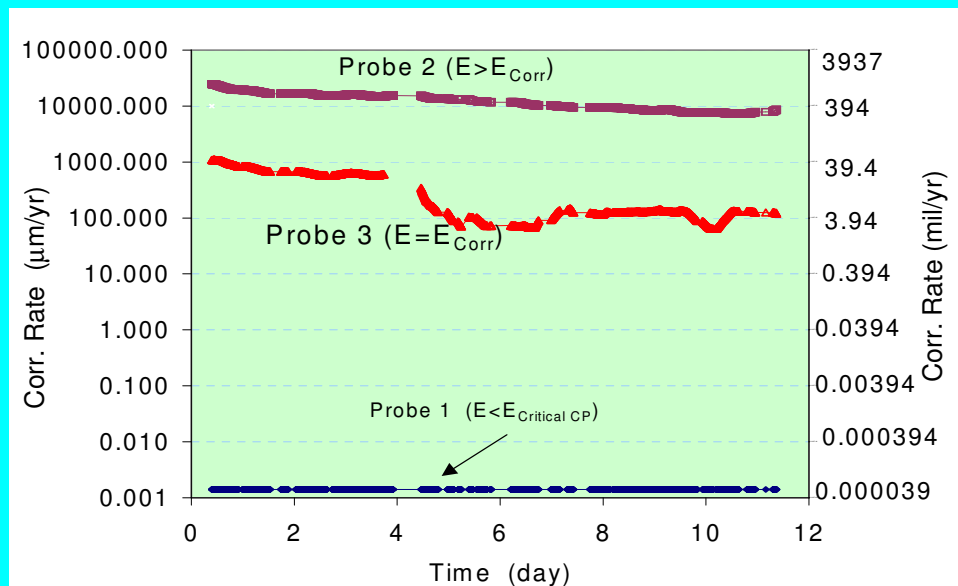
Online Monitoring of Corrosion under Cathodic Protection Conditions Utilizing Coupled Multielectrode Sensors

CORROSION/2004, Paper #04094 by X.S. Yang, Corr Instruments, LLC

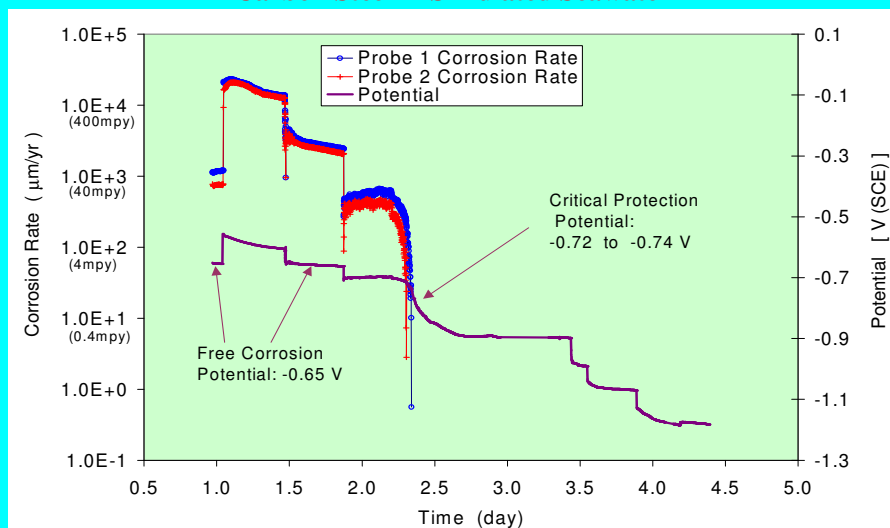
San Antonio, Texas www.corrinstruments.com info@corrinstruments.com Phone: 210 748 4073



Corrosion Rates of Carbon Steel in Simulated Seawater at Three CP Potentials:
 $E > E_{\text{Corr}}$, $E = E_{\text{Corr}}$, and $E < E_{\text{Critical CP}}$



Measurement of Critical CP Potential for Carbon Steel in Simulated Seawater



Posttest Probe Appearance



$E < E_{\text{Critical CP}}$
Probe 1

$E > E_{\text{Corr}}$
Probe 2

$E = E_{\text{Corr}}$
Probe 3