

# Accepted Manuscript

Title: Monitoring of anaerobic microbially influenced corrosion via electrochemical frequency modulation

Author: Pascal Beese Hendrik Venzlaff Jayendran Srinivasan  
Julia Garrelfs Martin Stratmann Karl J.J.

Mayrhofer<ce:footnote id="fn0005"><ce:note-para id="npar0005">ISE Member.</ce:note-para></ce:footnote>



PII: S0013-4686(13)00851-7  
DOI: <http://dx.doi.org/doi:10.1016/j.electacta.2013.04.144>  
Reference: EA 20453

To appear in: *Electrochimica Acta*

Received date: 4-2-2013  
Revised date: 22-4-2013  
Accepted date: 26-4-2013

Please cite this article as: P. Beese, H. Venzlaff, J. Srinivasan, J. Garrelfs, M. Stratmann, K.J.J. Mayrhofer, Monitoring of anaerobic microbially influenced corrosion via electrochemical frequency modulation, *Electrochimica Acta* (2013), <http://dx.doi.org/10.1016/j.electacta.2013.04.144>

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

1

2

3

4

---

**5 Monitoring of anaerobic microbially influenced corrosion  
6 via electrochemical frequency modulation**

---

7

8

9

10

11           Pascal Beese <sup>a,\*<sup>1</sup></sup>, Hendrik Venzlaff <sup>a</sup>, Jayendran Srinivasan <sup>a</sup>, Julia Garrels <sup>b</sup>,  
12                           Martin Stratmann <sup>a</sup>, Karl J.J. Mayrhofer <sup>a,\*<sup>1</sup></sup>

13

14           <sup>a</sup> Abteilung für Grenzflächenchemie und Oberflächentechnik, Max-Planck-Institut für  
15                           Eisenforschung, Max-Planck-Straße 1, 40237 Düsseldorf, Germany

16           <sup>b</sup> Abteilung Mikrobiologie, Max-Planck-Institut für Marine Mikrobiologie, Celsiusstraße 1,  
17                           28359 Bremen

18

19

20                           \* Corresponding authors: mayrhofer@mpie.de, beese@mpie.de

21                           Phone: + 49 211 6792 160, Fax: + 49 211 6792 218

22                           <sup>1</sup> ISE Member

23

Download English Version:

<https://daneshyari.com/en/article/6617452>

Download Persian Version:

<https://daneshyari.com/article/6617452>

[Daneshyari.com](https://daneshyari.com)