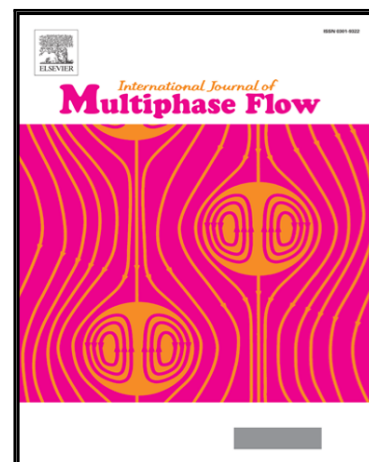


Accepted Manuscript

Ultrasonic measurements of sand particle erosion under upward multiphase annular flow conditions in a vertical-horizontal bend

Ronald E. Vieira , Mazdak Parsi , Peyman Zahedi ,
Brenton S. McLaury , Siamack A. Shirazi

PII: S0301-9322(16)30593-6
DOI: [10.1016/j.ijmultiphaseflow.2017.02.010](https://doi.org/10.1016/j.ijmultiphaseflow.2017.02.010)
Reference: IJMF 2555



To appear in: *International Journal of Multiphase Flow*

Received date: 6 October 2016
Revised date: 17 February 2017
Accepted date: 22 February 2017

Please cite this article as: Ronald E. Vieira , Mazdak Parsi , Peyman Zahedi , Brenton S. McLaury , Siamack A. Shirazi , Ultrasonic measurements of sand particle erosion under upward multiphase annular flow conditions in a vertical-horizontal bend, *International Journal of Multiphase Flow* (2017), doi: [10.1016/j.ijmultiphaseflow.2017.02.010](https://doi.org/10.1016/j.ijmultiphaseflow.2017.02.010)

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.

Highlights

- A non-intrusive ultrasonic technique is used to measure the wall thickness around an elbow.
- Erosion patterns and magnitudes under annular flow conditions are obtained
- Effects of different parameters on erosion are investigated

Download English Version:

<https://daneshyari.com/en/article/4994990>

Download Persian Version:

<https://daneshyari.com/article/4994990>

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