## **Accepted Manuscript**

A Local Pilot Auxiliary Key Generation Scheme for Secure Underwater Acoustic Communication

Zhiwei Shen, Jingmei Liu, Qingqing Han

PII: \$0020-0255(18)30725-4

DOI: https://doi.org/10.1016/j.ins.2018.09.025

Reference: INS 13936

To appear in: Information Sciences

Received date: 16 April 2018
Revised date: 7 September 2018
Accepted date: 16 September 2018



Please cite this article as: Zhiwei Shen, Jingmei Liu, Qingqing Han, A Local Pilot Auxiliary Key Generation Scheme for Secure Underwater Acoustic Communication, *Information Sciences* (2018), doi: https://doi.org/10.1016/j.ins.2018.09.025

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.

#### ACCEPTED MANUSCRIPT

### Highlights

- Reciprocity impaired in underwater communication is solved by proposed protocols
- Local pilot auxiliary protocol prevents eavesdropping from nearby eaves droppers
- Assembly line protocol improves key generation rate
- Key agreement rate and key generation rate are improved by proposed quantization

#### Download English Version:

# https://daneshyari.com/en/article/10225711

Download Persian Version:

https://daneshyari.com/article/10225711

<u>Daneshyari.com</u>