Accepted Manuscript

Growth and linkage of a complex oblique-slip fault zone in the Pearl River Mouth Basin, northern South China Sea

Ke Huang, Guangfa Zhong, Min He, Lihua Liu, Zhe Wu, Xuefeng Liu

PII: S0191-8141(18)30442-5

DOI: 10.1016/j.jsg.2018.09.002

Reference: SG 3734

To appear in: *Journal of Structural Geology*

Received Date: 29 November 2017

Revised Date: 1 September 2018

Accepted Date: 4 September 2018

Please cite this article as: Huang, K., Zhong, G., He, M., Liu, L., Wu, Z., Liu, X., Growth and linkage of a complex oblique-slip fault zone in the Pearl River Mouth Basin, northern South China Sea, *Journal of Structural Geology* (2018), doi: 10.1016/j.jsg.2018.09.002.

Growth and linkage of a complex oblique-slip fault zone in the Pearl River Mouth Basin, northern South China Sea

Ke Huang[a], Guangfa Zhong[a, *], Min He[a, b], Lihua Liu[b], Zhe Wu[b], Xuefeng Liu[c]

[a] State Key Laboratory of Marine Geology, Tongji University, 1239 Siping Road, Shanghai 200092, China

[b] Research Institute of Shenzhen Branch, CNOOC China Limited, 3168 Houhaibin Road, Shenzhen 518054, China

[c] School of Communication and Information Engineering, Shanghai University, 99 Shangda Road, Shanghai 200444, China.

* Corresponding author. Tel.: +86 21 65982784. E-mail address: gfz@tongji.edu.cn

E-mail addresses: 103455huangke@tongji.edu.cn (K. Huang), gfz@tongji.edu.cn (G. Zhong), HeMin1@cnooc.com.cn (M. He), liulh1@cnooc.com.cn (L. Liu), wuzhemelody@126.com (Z. Wu), lxf02@shu.edu.cn (X. Liu).

Key words: Oblique-slip normal fault, fault growth pattern, strike and dip linkage, Three-dimensional seismic, Pearl River Mouth Basin, South China Sea