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1. REPORT DATE *(DD-MM-YYYY)*	2. REPORT TYPE	3. DATES COVERED *(From - To)*
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Preliminary Study of Communication Network Characterization Towards Improved Organizational Behavior

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5b. GRANT NUMBER

5c. PROGRAM ELEMENT NUMBER

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Distribution Statement A. Approved for Public Release.

13. SUPPLEMENTARY NOTES

14. ABSTRACT
This research compares communication network mapping with two separate data sources: interviews (existing) and archival e-mail log files (new). Ego-centric networks for five volunteers are characterized with both data sources and compared via case study methods. This research makes three contributions. First, it demonstrates the effect of archival data inclusion on the observed network completeness. Second, it compares the content of the networks observed with both data sources. Third, it compares established network measures obtained with both data sources. Future research can leverage this method validation to explore the use of e-mail-based network characterization to improve organizational performance.

15. SUBJECT TERMS
Social Network Analysis, Technical Organizations

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