Jordon C Kelly: Mr. Kelly has 43 years experience in intelligence collection systems concepts and engineering, in communications systems engineering, and in software development methodology. From 11/08 – 12/13 he was Principal Systems Engineer, Sierra Nevada Corporation. Mr. Kelly built a computer-based system that combined two previously separated systems into one. This system processed large amounts of wideband digitized RF from overseas locations, and allowed the analytic processing results to be viewed remotely from stateside locations. Mr. Kelly created the System Integration Lab (SIL) for Gorgon Stare Increment 1. He assisted in assembly of the Increment 1 pods, and supported testing in the SIL, in Twin Otter flight tests, and at China Lake. He devised many of the testing approaches, and specified necessary test support equipment.

From 01/83 – 11/08 he was Senior Technical Advisor, SAIC Reconnaissance Systems Operation at Wright-Patterson AFB. Mr. Kelly served the Air Force Big Safari Program Office, and the Cobra Ball program for 17 years. He provided support in system design and engineering in several projects including: near-real-time data reporting via satellite, analysis of optical and RF sensor systems and their associated real-time computational systems. Mr. Kelly analyzed the performance of several data link systems. The analytic domains included multipath propagation, terrain screening, error detection and correction coding, antenna pointing and tracking for both conventional and digital beamforming antennas, and communications link performance margins.

From 12/70 - 1/83 he was Senior Analyst, Foreign Technology Division, USAF. Mr. Kelly was lead analyst for tactical air command and control.

EDUCATION: MA, Management, Central Michigan University, 1974

BS, Electrical Engineering, University of Cincinnati, 1970

Retired Lt Col, USAFR, Communications Engineer and Air Intelligence Officer AFSCs

SECURITY CLEARANCE: Mr. Kelly has held TS/SCI with FS Poly. Debriefed upon retirement, Dec 2013.

COMPUTER PROFICIENCY: Language/Tools: C, C++, Fortran, Microcomputer Assembly Language, Oracle PL/SQL, Shell programming (Bourne, C, SED, AWK, PERL, Python), Scientific script programming – (MATLAB, IDL). DBMS- Oracle and MySQL. Hardware Systems: Intel PCs and servers, NVIDIA Graphics. Operating Systems: Windows- various versions, Windows server –various versions, Linux-various versions and flavors