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APPLICATIONS NOTE 135

Model 6800, 6840 and 6850 NTP/PTP Grandmaster/Servers and Clients (GPS Versions ONLY)

SUBJECT: USAF GPS Software Upgrade Affects GPS Receivers

MODELS AFFECTED: StarSync 6800, 6840 and 6850, GPS equipped versions only

CXR Larus Corporation wanted to bring to your attention the GPS related issues you may be experiencing after a system-wide GPS software upgrade conducted by the U.S. Air Force on Monday January 11, 2010.

As a result of the upgrade, a number of worldwide navigational systems experienced problems. From our understanding, one of the affected receivers is the GPS receiver which is predominantly used in the CXR Larus 6800, 6840 and 6850 timing and synchronization systems. The resultant effect of this problem is a 1 second declaration of a No Usable Satellite (NUS) event every 12.5 minutes. This receiver outage primarily affects CXR Larus' GPS referenced Servers and Grandmasters. Units without GPS capability are not affected

It is NOT RECOMMENDED that the equipment be rebooted. Rebooting the equipment will not correct this issue.

CXR Larus Corporation and its GPS receiver vendors are working in close collaboration with the U.S Air Force to fully understand and resolve this issue. CXR Larus is also taking a proactive role in first – ensuring you are kept abreast of the situation, and secondly – working with our GPS vendors to provide a software solution. We have developed a software patch which is currently under test. This patch will be made available as soon as testing has been satisfactorily completed.

CXR Larus is committed to ensuring we are actively working with our customers to quickly identify and resolve issues as they arise. Should you have additional questions regarding this issue, please contact CXR Larus Customer Support at 1-408-573-2700, or visit our website at www.cxrlarus.com