Regulatory Mandate Time Lines FANS 1/A, Data Link, ADS-B, and TCAS 7.1

Datalink Regulatory Time Line 2012 2013 2015 2016 2018 2014 2011 0 **FAA CVR CPDLC Recording** Part 135 (CPDLC installed) December 6, 2010 **FAA CVR CPDLC Recording** Part 91 (CPDLC installed) April 6, 2012 **Eurocontrol PM-CPDLC** End of Exemption with FANS-1/A January 1, 2014 **Eurocontrol PM-CPDLC** Retrofit Required February 5, 2015 **Eurocontrol PM-CPDLC** Compliant and exempt A/C can fly above FL 285 **Proposed Mandate** North Atlantic Tracks - FANS 1/A Phase 1 February, 2013 FL 350 - 390 Mandate North Atlantic All Tracks - FANS 1/A Phase 2A Q1 2015 FL 350 - 390 Mandate North Atlantic Tracks - FANS 1/A Phase 2B December, 7 2017 - Throughout the entire North Atlantic region between FL 350 and FL 390 Published Date **Proposed Mandate** North Atlantic Tracks - FANS 1/A Phase 2C January, 30 2020 - MNPS airspace throughout the entire ICAO North Atlantic region from FL 290 and above **Proposed Mandate**

ADS-B Out Regulatory Time Line 2013 Hudson Bay-DO-260A or later FL 350-400 Singapore Retrofit (FL 290+) DO-260A or later Indonesia -Retrofit (FL 290+) DO-260A or later Australia -All Aircraft (FL 290+) DO-260A or later Hong Kong PBN Routes (FL 290+) DO-260A or DO-260A Hong Kong HKG FIR (FL 290+) DO-260A or DO-260A Firm Dates EASA-Forward Fit DO-260A or later EASA ADS-B Out -Retrofit DO-260A or later

FAA ADS-B Out

Forward Fit and Retrofit DO-260A or later

TCAS II v7.1 Regulatory Time Line

