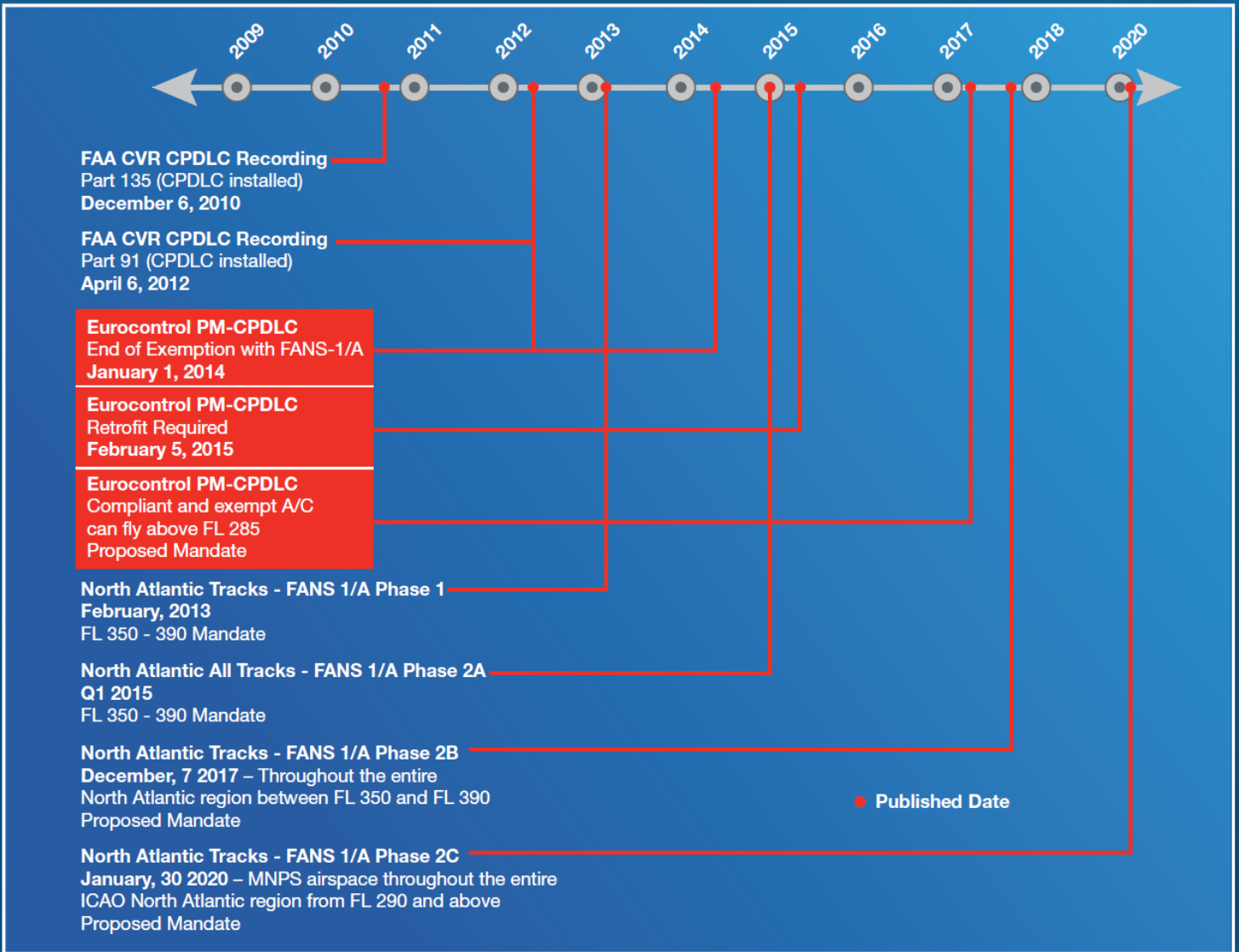
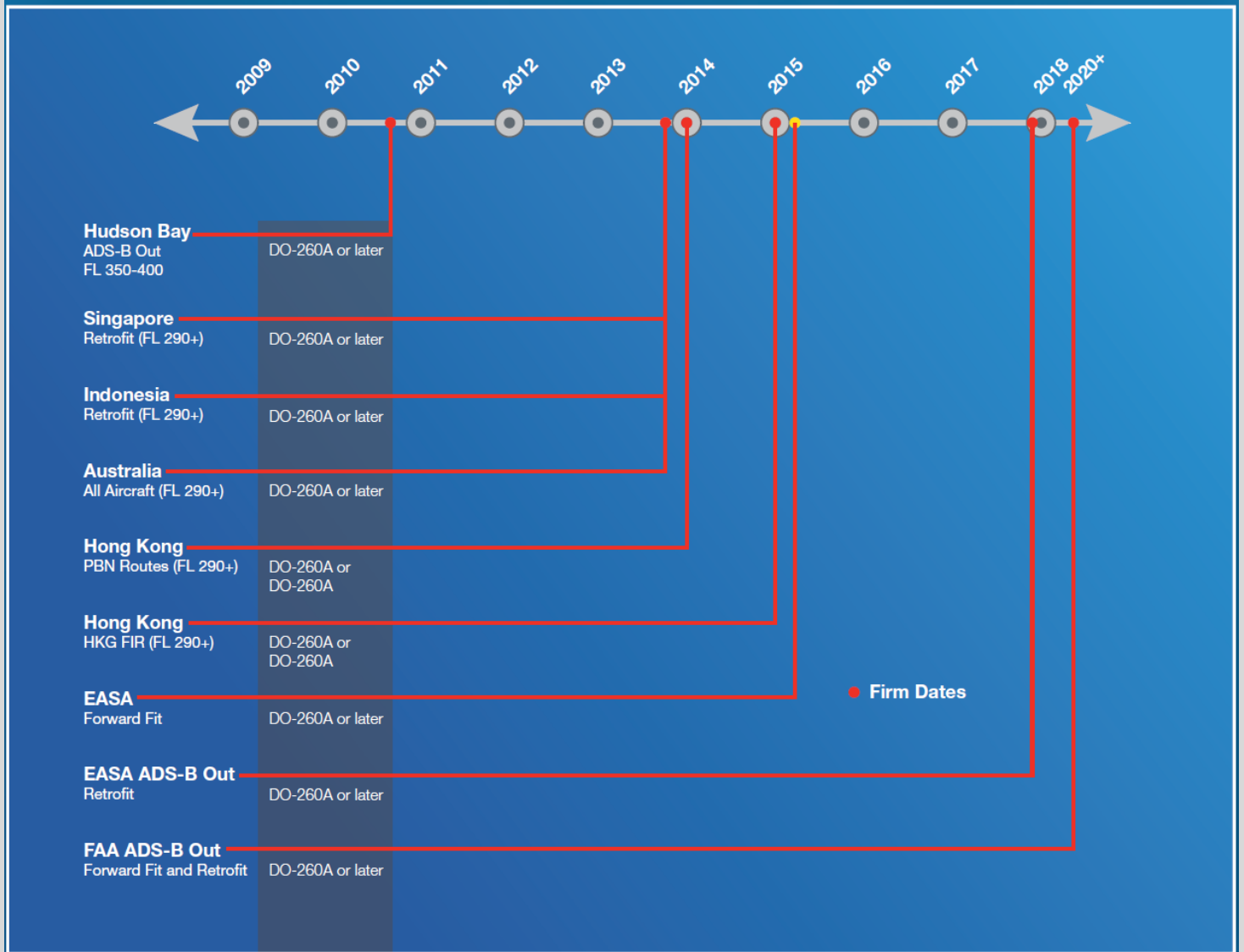


Regulatory Mandate Time Lines FANS 1/A, Data Link, ADS-B, and TCAS 7.1

Datalink Regulatory Time Line



ADS-B Out Regulatory Time Line



TCAS II v7.1 Regulatory Time Line



Eurocontrol C7.1
Forward Fit – March 1, 2012

Eurocontrol C7.1
Retrofit – December 1, 2015

ICAO TCAS C7.1
Forward Fit January 1, 2014

ICAO TCAS C7.1
Forward Fit January 1, 2017

FAA TCAS C7.1 – No Proposed Regulation

● Firm Date