

# **PLANS FOR A 12 SATELLITE GLOBAL NAVIGATION SATELLITE SYSTEM RADIO OCCULTATION CONSTELLATION TO FOLLOW COSMIC**

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This oral presentation will outline NOAAs plan to develop a new 12 micro-satellite constellation as an extension of COSMIC, in collaboration with Taiwans National Space Organization (NSPO). This constellation, named COSMIC 2, will extend the capabilities of COSMIC but will add data available from Galileo, and possibly GLONASS. Plans are to deploy with 2 launches, with the first launch in 2014. The 12 satellites are expected to be launched into 2 inclinations with multiple planes, in order to maximize worldwide coverage for users from the weather and space weather community.