

Questions for Industry Members to Consider

Segment 1 – Weather Concept of Operations

Question 1: Do you agree that direct and timely integration of weather information into decision support tools is needed to address NextGen goals? If not, what are your concerns and/or alternative approaches? If so, should it have the highest priority for NextGen weather related tasks?

Question 2: The NextGen weather working group proposes a “four-dimensional weather information dissemination system (the so-called 4D cube) as the way forward to solving NextGen’s weather enabling capabilities. Do you see any operational and technical issues that concern you with this approach?

Question 3: The NextGen weather working group calls for an initial operational capability (with limited capability/scope) of the 4D cube as early as 2012, and a full up capability supporting a highly automated capability around 2018-2020. Will you be ready to take advantage of this capability? If not, what are the issues that would prevent your being ready?

Question 4: The NextGen weather concept of operations calls for the routine use of probabilistic, rather than deterministic information, and promotes machine to machine communication as the primary means of passing weather information within the government air traffic management system. Do you agree?

Question 5: Has the weather working group missed a critical concept?