Question 2

What is the best way to minimize discrepancies and produce a near-seamless NDFD while not sacrificing accuracy or efficiency?

Recommendation:

Same product smae way (In other words, start from a point and use same tools)
Need a method in which we could start from a single point. One suggestion here is to focus on MSLP as a starting point. This would ensure consistent wind fields timing of fronts (i.e. temp/dew point discontinuities, QPF).

Reason:

ISC not the place to work out these details in the SWEs. Need a starting pt. in order to address the timing and intensity of systems.

The approach is just as important. This is due to the fact if you start with a consistent MSLP and totally different tools to manipulate temp, dew point, and winds the end result would still be an inconsistency across grid boundaries.

Need to continue the standardization of tools in order to accomplish this approach standard.

Concern:

What do you coordinate with when it is an upper level feature?