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Public Information Statement Amended
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To: Subscribers
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-NOAA Weather Wire Service
-Emergency Managers Weather Information Network
-NOAAPort
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From: Joseph Facundo
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Subject: Amended: Operational Test and Evaluation (OT and E) for Automated Surface Observing System (ASOS) Software Version 3.05 (v3.05)

Note: The following changes have no direct impact on NOAA Weather Wire Service subscribers.

Amended to include Federal Aviation Administration (FAA) training of Air Traffic Controllers and extend conclusion of OT and E to spring or summer of 2012.

The ASOS product improvement program will begin an OT and E on ASOS software v3.05 on or about October 3, 2011. The new v3.05 software load provides some 58 new functionalities to ASOS and includes 23 operational fixes to the current operational baseline v2.79D. The new capabilities will do the following:

- Help ASOS to meet the encoding requirements for METAR/SPECI reports as outlined in the Federal Meteorological Handbook No. 1 (FMH 1).
- Improve quality control logic for automated data.
- Improve information provided in log files.
- Add the reporting of ice accretion amounts.
- Add the Ice Free Wind (IFW) sensor quality control algorithm.
  Provide support for the FAA's Weather Sensor Processor (WSP) program.
- Add an Ice Accretion Remark on the 1-minute page and in the METAR and SPECI observations. The amount of ice accreting on a flat surface (planar icing), as estimated by the data from the freezing rain sensor, will be included in the remarks section of the METAR/ SPECI reports. The remark will have the format of "Ihnnn," where "h" is the hourly time period, i.e., 1-, 3- or 6-hours. The value "nnn" is the ice thickness accumulated to the nearest 0.01 inch. A toggle for the ice accretion remark to be included in the METAR/SPECI reports is on the PHYSICALS page (REVUE SITE PHYS).

The OT and E will be conducted in two phases. Phase one is scheduled to take place at 16 FAA service level D and O sites starting on or about October 3, 2011. Phase two is scheduled to take place at 26 FAA service level A, B, and C sites starting in the winter of 2011-2012. Phase two

will start once the FAA trains the Air Traffic Controllers (ATCs), and Contract Weather Observers (CWOs) on the changes in v3.05.

The duration of the OT and E will be approximately six months, running through the winter months of 2011-2012. The OT and E will conclude sometime during the spring or summer of 2012. More detailed information on v3.05 software can be found at:

http://www.weather.gov/ops2/ops24/documents/asos_v3.htm

Phase one: Installation of ASOS v3.05 software at the following 16 sites beginning on or about 10/03/2011:

BFD: Bradford, PA
RME: Rome, NY
TAN: Taunton, MA
POR: Portage, AK
ANJ: Sault Ste. Marie, MI
WAL: Wallops Island, VA
GIF: Winter Haven, FL
ATT: Austin, TX
LOL: Lovelock, NV
OLS: Nogales, AZ
CLM: Port Angles, WA

U.S. Navy Sites:

KNAK: Annapolis, MD
KNGU: Norfolk Naval Air Station (NAS), VA
KNKT: Cherry Point Marine Corps Air Station (MCAS), NC
KNBC: Beaufort MCAS, SC
KNIP: Jacksonville NAS, FL

Phase two: 26 sites beginning sometime during the winter of 2011-2012:

HIO: Portland, OR
GKN: Gulkana, AK
JNU: Juneau, AK
FAI: Fairbanks, AK
DSM: Des Moines, IA
GRB: Green Bay, WI
PIA: Peoria, IL
SGF: Springfield, MO
TOP: Topeka, KS
BIS: Bismarck, ND
COU: Columbia, MO
ACY: Atlantic City, NJ
CLE: Cleveland, OH
ORH: Worcester, MA
PWM: Portland, ME
ITO: Hilo, HI
LIH: Lihue, HI
TRI: Bristol, TN
DFW: Dallas/Ft. Worth, TX

TUL: Tulsa, OK
P68: Eureka, NV
PDT: Pendelton, OR
SLC: Salt Lake City, UT
TUS: Tucson, AZ
BFI: Boeing Field, MT
BIL: Billings, MT

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National Public Information Statements are online at:

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