

HEFS 0.1.2, Part-A Release Notes

Release Summary

- **HEFS Release:** HEFS-0.1.2
- **Type of HEFS Release (Maintenance or Upgrade):** Upgrade (development version)
- **FEWS release(s) tested against:** 35025
- **OHD CORE release tested against:** OHD-CORE-CHPS2.1.b

What's In This Release

The HEFS 0.1.2 Beta-II, Part-A release package includes the files necessary to run an “end-to-end” HEFS test on a CHPS standalone (as described in the HEFS Beta-II, Part-A Test_Manual).

As shown in Figure 1 (following page), this is a documentation and test “update” release and includes the following:

- **HEFS 0.1.2, Part-A Release Notes – revised** (this document)
- **HEFS_Beta-II_Part-A_Test_Manual - new**
- **HEFS Beta-II, Part-A Test Procedures - new**
- **HEFS_Overview_0.1.2 - revised**
- **MEFP_Release_0.1.1_Users_Manual.doc - revised**
- **EnsPost_Release_0.1.2_Users_Manual - revised**
- **Graphics_Generator_Release_0.1.1_Users_Manual**
- **EVS_0.1.2_Users_Manual**

Note that this release includes a set of test procedures (outlined in the HEFS_Beta-II_Test_Manual) to guide the RFC Test Team in installing and running the Beta-II, Part-A tests.

Finally, while not in the release package per se, this release also includes a series of tar files (see Figure 1) each of which contain everything necessary to independently¹ run a single HEFS test, including a FEWS Stand Alone (SA), a FEWS bin directory, HEFS bin directory, configurations, and FEWS SA local data stores², as needed. The HEFS_Beta-II,Part-A_Test_Manual includes instructions on downloading and running the tests.

¹ An RFC workstation (with CHPS installed) is assumed.

Figure 1: HSD FTP Directory Tree

HEFS HSD FTP Directory Tree: HEFS-0.1.2, Beta-II, Part-A

.../release	Contents: HEFS 0.1.2, Part-A Release Notes - revised HEFS_Beta-II_Part-A_Test_Manual - new HEFS Beta-II, Part-A Test Procedures - new HEFS_Overview_0.1.2 - revised MEFP_Release_0.1.1_Users_Manual - revised EnsPost_Release_0.1.2_Users_Manual - revised Graphics_Generator_Release_0.1.1_Users_Manual EVS_0.1.2_Users_Manual
.../HEFS	
.../hefs-0.1.2	
documentation-package.HEFS-	
.../test	NOTE: The Beta-II, Part-A release contains documentation & test procedures only. No software is included in this package.
.../endtoend	
endtoend-1_abrfc.tar.gz	Contents: template directory with SA & all subdirectories
endtoend-1_cbrfc.tar.gz	run directory with reset script
endtoend-1_cnrfc.tar.gz	Test procedure pdf document
endtoend-1_marfc.tar.gz	
endtoend-1_nerfc.tar.gz	

Getting Started

To assist the RFC Test Teams in getting started, we recommend following these steps:

- I. If you have not already done so, review the introduction portion of the HEFS Overview manual to familiarize yourself with the various HEFS components.
- II. Conduct Beta-II, Part-A Tests
 - 1) Review the HEFS_Beta-II,Part-A_Test_Manual (included in the release package) which provides an overview of the testing effort and provides steps on preparing to run the tests.
 - 2) Download (from <http://165.92.28.30/release/HEFS/hefs-0.1.2>) and run the EndToEnd-1 test (uses a CHPS standalone, provided in the endtoend-1_**rfc.tar.gz test package), for your RFC.
- III. Explore the HEFS software and remaining documentation as time and interest permits. In particular, note that:
 - 1) The MEFP Users Manual has a new science section that provides a high level description of the methodology used in MEFP, as well as major scientific considerations for using MEFP.
 - 2) The EnsPost Users Manual has three significant revisions: a new science section, a discussion of results for different hydrologic situations, and a discussion of EnsPost performance.

Note that the HEFS Overview has seen only minor revisions since the Beta-I release.

Reporting Problems

Report bugs, inquiries, and suggested enhancements via Fogbugz at:

<http://schuylkill.nws.noaa.gov:7069/default.asp> (use the HEFS-bugz project).

As is the case with FEWS/CHPS issues, HSD will provide Tier 1 support. They will answer calls, provide triage, and redirect calls. HEFS developers & scientists will provide Tier 2/3 support.