IX.4.1A-SHEF   INTRODUCTION TO STANDARD HYDROLOGIC EXCHANGE FORMAT
                 (SHEF) FILE DESCRIPTIONS

The Standard Hydrologic Exchange Format (SHEF) decode and post
software is used to transfer data from SHEF messages to the
Preprocessor Data Base.

The software first decodes the SHEF messages and then posts (writes)
the data to the Preprocessor Data Base. The software consists of the
following programs:

   o SHEFPARS (decoder)
   o SHEFPOST (poster)

Program SHEFPARS decodes SHEF messages using parameter information
stored in the SHEFPARM file (see IX.4.1-SHEFPARM) and writes the
parsed data to an output file called SHEFOUT (see IX.4.1-SHEFOUT).

Program SHEFPOST reads data from the SHEFOUT file and parametric
information from file SHEFPPDB (see IX.4.1-SHEFPPDB) and writes the
data to the Preprocessor Data Base.

The following files are describe in this Section:

   Name   Contents

   SHEFOUT   output from the SHEF decoding program   [Hyperlink]
                     that is used as input to the SHEF poster
                     program

   SHEFPARM   information to decode SHEF messages   [Hyperlink]

   SHEFPPDB   information to translate SHEF Physical   [Hyperlink]
                     Element codes to Preprocessor Data Base
                     data type codes