

NUPIPE-II USER BULLETIN QUAD-6-91-003*

1. SER No. 088 Date: June 7, 1991
- A. Application Name: NUPIPE-II
- B. Affected Version No.: Version 1.8 & later (all computers)
- C. Problem Description & Background:

For automatic lumped mass option, if the distance between two end nodes of an elbow is greater than the required lumped mass distance calculated by NUPIPE (refer to Section B.7 of User's Manual), error messages appear in output as follows:

```
***** ELEMENT __ __ EXCEEDS MAXIMUM LENGTH _____ FOR
CUTOFF FREQUENCY _____ HERTZ.
```

```
***** RUN WILL TERMINATE AFTER DATA CHECK *****
```

But the program does not terminate the run, and continues the calculation. (A system that may have the elbow geometry and mass distribution to give such a message is very rare.)

- D. Corrective Action/Work Around:

User is advised to: (1) disregard the output after the error message, and (2) to enter a MASSPOINT card at the beginning node of each elbow element for which the above condition exists.

In the future version, lumped mass points at both end nodes of all elbows (for automatic lumped mass option cases) will be generated automatically.

- E. Correction Scheduled in Version:

Version 2.1.1

*Quadrex periodically publishes the program deficiencies and errors detected either through Quadrex's internal usage or through the use of its licensees. Quadrex cannot completely evaluate the end effects of these deficiencies and errors, since such efforts can vary significantly based on system parameters and the mode of usage. The user is advised to evaluate the effects of any programs errors and deficiencies related to his use of the program. Quadrex is not responsible for any such evaluation nor for the consequences of any program deficiency or error.

2. SER No. 089 Date: June 7, 1991

A. Application Name: NUPIPE-II

B. Affected Version No.: Version 1.8 & later (all computers)

C. Problem Description & Background:

If the user enters a node number with 5 digits, **** appears in the output instead of node number, even if the results are correct.

D. Corrective Action/Work Around:

o User must not enter node number greater than 8999, since node numbers 9000 and up are reserved for nodes generated by automatic lumped mass option.

o The above note will be provided in the next revision of User's Manual.

E. Correction Scheduled in Version:

Next revision (Rev. 2) of the User Manual QUAD-6-89-002.