

1                   **Issue 307 - What Does INQUIRE Really Return?**

2    To:            J3  
3    From:         Craig Dedo  
4    Date:         March 20, 2001  
5    Subject:      Issue 307 - What Does INQUIRE Really Return?

6    **Issue**

7    A naive reader such as myself has trouble in reconciling the statements about INQUIRE in  
8    9.8.1.18,24,25,28,29,30 versus those in 9.5.4.4.3. The 9.8.1.x sections say that INQUIRE returns the  
9    values "in effect". Section 9.5.4.4.3, in particular note 9.44, says that **io\_mode** has the "current"  
10   values (which sounds like the ones "in effect" to me), and that INQUIRE returns the values from the  
11   most recent OPEN (or the default).

12   **Analysis**

13       The intent of the INQUIRE statement in all cases is to return the value of the connection modes  
14   (a.k.a. properties) at the time that the INQUIRE statement is executed. Therefore, the rules in  
15   9.8.1 should hold in all cases.

16       Note 9.44 in 00-007r3 is note 9.45 in 01-007.

17   **Edits**

18       Edits are with respect to the 01-007.

19   [192:41-43]    Replace the sentence with, "The INQUIRE provides values as specified in 9.8.1."

20   [192:44+]     Insert J3 note: "JOR and the editor agree that the **io\_mode** argument is redundant  
21                   with respect to INQUIRE and should be considered for deletion."

22   [196:32-34]    Delete "unless the INQUIRE statement . . . data transfer statement."

23   [200:29-35]    Delete the J3 note.

24   **References**

25   01-007, Fortran 2000 Draft  
26   01-102, Changes to List of Unresolved Issues  
27   [End of J3 / 01-110r2]

