

## IX.3.0C-SYSTEM-HCNTRL COMMON BLOCK HCNTRL

### Purpose

Common block HCNTRL reads control information from the Hydrologic Command Language [[Hyperlink](#)] Local and Global definition files [[Hyperlink](#)].

### Listing

```
COMMON /HCNTRL/ HCNTL(16,2)
INTEGER HCNTL
```

### Description of Variables

| <u>Variable</u>                                       | <u>Type</u> | <u>Dimension</u> | <u>Word<br/>Position</u> | <u>Description</u>  |
|---|-------------|------------------|--------------------------|---|
| HCNTL   | I*4         | (16,2)           |                          | Words (1,1) to (16,1) are used<br>for Local definitions<br>Words (1,2) to (16,2) are used<br>for Global definitions |
|   | I*4         | 1                | 1                        | File in use indicator:<br>0 = not in use<br>1 = in use  |
|   | I*4         | 1                | 2                        | Global or Local indicator:<br>1 = Local<br>-1 = Global  |
|   | A4          | 1                | 3                        | File type ('DEFN')  |
|   | I*4         | 1                | 4                        | Record length in words  |
|   | A4          | 1                | 5                        | Password  |
|   | I*4         | 1                | 6                        | Maximum number of records   |
|   | I*4         | 1                | 7                        | Last record used  |
|   | I*4         | 1                | 8                        | Maximum number of Arguments   |
|   | I*4         | 1                | 9                        | Actual number of Arguments  |
| Positions 10-13 are only used for Global definitions: |             |                  |                          |   |
|   | I*4         | 1                | 10                       | Number of Global Functions  |
|   | I*4         | 1                | 11                       | Number of Local Functions   |
|   | I*4         | 1                | 12                       | Maximum number of Local   |

| <u>Variable</u> | <u>Type</u> | <u>Dimension</u> | <u>Word<br/>Position</u> | <u>Description</u>                          |
|-----------------|-------------|------------------|--------------------------|---|
|                 |             |                  |                          | Definition Reference records                |
|                 | I*4         | 1                | 13                       | Last Local Definition Reference record used |
|                 |             |                  | 14-16                    | Not used                                    |