

**NAME**

log – natural logarithm

**SYNOPSIS**

```
jsr    r5,log
double log(x)
double x;
```

**DESCRIPTION**

The natural logarithm of fr0 is returned in fr0. From C, the natural logarithm of **x** is returned.

**DIAGNOSTICS**

The error bit (c-bit) is set if the input argument is less than or equal to zero and the result is a negative number very large in magnitude. From C, there is no error indication.

**BUGS**