

NAME

nwk_tbl -- get requested information from "nwktbl" file

SYNOPSIS

```
#include <gtlhdr.h>
#include <nwktbl.h>
```

```
nwk_tbl(nwkfunc, nwkfd, nwkey, maxnwk, nwcr, nwksw)
int nwkfunc, nwkfd, maxnwk, nwcr[], nwksw[];
char *nwkey;
```

DESCRIPTION

Extract all requested information from the "nwktbl" file. A request may be submitted for the "switch type" or "network conc. ratio" associated with a specified network or all networks of a specified type. The concentration ratios or switch types for all networks of a specified type are stored in the external arrays, "nwcr" and "nwksw", respectively, and are indexed by the network number. These arrays are initialized to -1 for all networks. If a concentration ratio or switch type has been requested for a specified network, then the appropriate value is returned by this subroutine.

Arguments:

<u>nwkfunc</u>	identifies the type of function that is to be performed by this subroutine. The permitted values are:
NWF_SW	Extract switch type for specified network.
NWF_CR	Extract conc. ratio for specified network.
NWF_ALL	Extract requested info. for all equipped networks and store in the arrays provided.
<u>nwkfd</u>	is the file descriptor of the "nwktbl" file that has been opened by the calling program.
<u>nwkey</u>	identifies the network type or a specific network when only one conc. ratio or switch type is to be extracted.
<u>maxnwk</u>	specifies the maximum number of networks of type "nwkey" that can be provided.
<u>nwcr</u>	if nonzero, specifies the address of an integer array in which the network conc.

ratios for all equipped networks of the specified type are to be stored.

nwksw if nonzero, specifies the address of an integer array in which the switch types for all equipped networks of the specified type are to be stored.

The values returned by nwk tbl() are:

NWR_FUNC Invalid function requested.

NWR_NN Specified network does not exist.

NWR_READ Error detected by getline(3L) while trying to read "nwktbl" file.

NWR_NORM Normal termination when switch types and/or conc. ratios have been extracted for all equipped networks.

> **NWR_NORM** Contains the switch type (values from 1 to 3) or the conc. ratio for the specified network.

FILES

/usr/include/gt1hdr.h /usr/include/nwktbl.h

LIBRARY

/lib/lib1.a

SEE ALSO

getline(3L)