NXTMOD (ANS, JTB, JDATA, JNE, LSTAT, JTLMOD, JCLK, TEMP, IEOD, IL, IDTYPE)

NXTMOD exists in many forms to read the many different VGR data tapes. To the user there is a minimum of differences. These routines also return results that are almost the same as what we receive from GSFC through the standard calling sequence which is the first part of NXTMOD's calling sequence (see below). The common block CMODE (:hdref refid=CMODE.) is not available at GSFC and should be avoided if possible.

ARG	DEFINITION
ANS-TEMP	:hdref refid=STDCALL..
IEOD	End of data flag.
	0 Normal return.
	-1 End of data.
	-2 Error.
IL	Fortran unit number for detailed printout (debugging).
IDTYPE	A4 Type of input medium being read: SUM, EDR, SPL. (Not always implemented)

Note that different versions may invoke different subroutines and common blocks.

SETBFL (IBLL)

Of use only in NXTMAG. It sets the integration time to be picked for the B field.

ARG	DEFINITION
IBLL	Flag for integration time. (default 1)
	1 48.00 seconds
	2 9.60 seconds
	3 1.92 seconds