ADAS Subroutine i4jgam

```
      FUNCTION I4JGAM( INDEX )
C
C
C-----------------------------------------------------------------------
C
C  **************** FORTRAN77 INTEGER FUNCTION: I4JGAM *****************
C
C  PURPOSE: USES INDEX TO REFERENCE 'JGAM' TABLE GENERATED BY SUBROUTINE
C           'XXGAMA'.
C
C           THE 'GAM' TABLE IS REFERENCED WITH THE FUNCTION 'R8GAM'.
C
C
C  CALLING PROGRAM: GENERAL USE.
C
C  FUNC  : (I*4)  I4JGAM  =
C
C  INPUT : (I*4)  INDEX   =
C
C  PARAM : (I*4)  MXINDX  = 200
C
C          (L*4)  LFIRST   = .TRUE.  = FIRST TIME FUNCTION CALLED.
C                            .FLASE. = FUNCTION HAS BEEN CALLED BEFORE.
C
C          (I*4)  JGAM()  =
C                           DIMENSION: REFERENCED BY 'INDEX'.
C          (I*4)  GAM()   =
C                           DIMENSION: REFERENCED BY 'INDEX'.
C
C
C ROUTINES:
C          ROUTINE    SOURCE    BRIEF DESCRIPTION
C          ------------------------------------------------------------
C          I4UNIT     ADAS      RETURNS UNIT NO. FOR OUPUT OF MESSAGES.
C          XXGAMA     ADAS      FILLS 'JGAM'.
C
C AUTHOR:   JONATHAN NASH (TESSELLA SUPPORT SERVICES PLC)
C           K1/0/81
C           JET EXT. 5183
C
C DATE:     30/09/93
C
C VERSION  : 1.2
C DATE     : 20-12-2001
C MODIFIED : Martin O'Mullane
C               - Removed mainframe listing information beyond column 72.
C
C VERSION  : 1.3
C DATE     : 10-04-2007
C MODIFIED : Allan Whiteford
C               - Modified documentation as part of automated
C   subroutine documentation preparation.
```

```
C
C-----------------------------------------------------------------------
C
C-----------------------------------------------------------------------
      INTEGER              INDEX
```