

## ADAS Subroutine r8gam

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FUNCTION R8GAM( INDEX )
C
C
C-----
C
C ***** FORTRAN77 INTEGER FUNCTION: R8GAM *****
C
C PURPOSE: USES INDEX TO REFERENCE 'GAM' TABLE GENERATED BY SUBROUTINE
C           'XXGAMA'.
C
C           THE 'JGAM' TABLE IS REFERENCED WITH THE FUNCTION 'I4JGAM'.
C
C CALLING PROGRAM: GENERAL USE.
C
C FUNC   : (I*4)  I4GAM   =
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 'GAM'.
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.

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C  
C  
C  
C

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INTEGER

INDEX