

NATIONAL WEATHER SERVICE RIVER FORECAST SYSTEM
USER MANUAL OUTLINE
FOR SELECTED USER DISTRIBUTION
FOR RELEASE 82

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Parts II and V do not have any Selected User documentation.

Selected User releases contain system documentation not needed by all users.

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IX.3.0B-SYSTEM	Forecast System Hydrologic Command Language (HCL) and General Utility Subroutine Descriptions	04/19/2005
IX.3.0B-SYSTEM-ERROR	SUBROUTINE ERROR	04/19/2005
IX.3.0B-SYSTEM-ERRWRN	SUBROUTINE ERRWRN	04/19/2005
IX.3.0B-SYSTEM-HADTEC	SUBROUTINE HADTEC	04/19/2005
IX.3.0B-SYSTEM-HBLNKE	SUBROUTINE HBLNKE	04/19/2005
IX.3.0B-SYSTEM-HBLNKS	SUBROUTINE HBLNKS	04/19/2005
IX.3.0B-SYSTEM-HCARDI	SUBROUTINE HCARDI	04/19/2005
IX.3.0B-SYSTEM-HCARDR	SUBROUTINE HCARDR	04/19/2005
IX.3.0B-SYSTEM-HCARDW	SUBROUTINE HCARDW	04/19/2005
IX.3.0B-SYSTEM-HCKARG	SUBROUTINE HCKARG	04/19/2005
IX.3.0B-SYSTEM-HCKCNG	SUBROUTINE HCKCNG	04/19/2005
IX.3.0B-SYSTEM-HCKDAT	SUBROUTINE HCKDAT	04/19/2005
IX.3.0B-SYSTEM-HCKDTC	SUBROUTINE HCKDTC	04/19/2005
IX.3.0B-SYSTEM-HCKIDS	SUBROUTINE HCKIDS	04/19/2005
IX.3.0B-SYSTEM-HCKPSW	SUBROUTINE HCKPSW	04/19/2005
IX.3.0B-SYSTEM-HCKTAG	SUBROUTINE HCKTAG	04/19/2005
IX.3.0B-SYSTEM-HCKTYP	SUBROUTINE HCKTYP	04/19/2005
IX.3.0B-SYSTEM-HCKYNI	SUBROUTINE HCKYNI	04/19/2005
IX.3.0B-SYSTEM-HCLEAR	SUBROUTINE HCLEAR	04/19/2005
IX.3.0B-SYSTEM-HCLBLOCK	BLOCK DATA HCLBLOCK	04/19/2005
IX.3.0B-SYSTEM-HCMPSU	SUBROUTINE HCMPSU	04/19/2005
IX.3.0B-SYSTEM-HCNGPR	SUBROUTINE HCNGPR	04/19/2005
IX.3.0B-SYSTEM-HCNUNV	SUBROUTINE HCNUNV	04/19/2005
IX.3.0B-SYSTEM-HCOMPT	SUBROUTINE HCOMPT	04/19/2005
IX.3.0B-SYSTEM-HDATEA	SUBROUTINE HDATEA	04/19/2005
IX.3.0B-SYSTEM-HDATEC	SUBROUTINE HDATEC	04/19/2005
IX.3.0B-SYSTEM-HDDFLT	SUBROUTINE HDDFLT	04/19/2005
IX.3.0B-SYSTEM-HDELDF	SUBROUTINE HDELDF	04/19/2005
IX.3.0B-SYSTEM-HDELDFN	SUBROUTINE HDELDFN	04/19/2005
IX.3.0B-SYSTEM-HDELDD	SUBROUTINE HDELDD	04/19/2005
IX.3.0B-SYSTEM-HDELOP	SUBROUTINE HDELOP	04/19/2005
IX.3.0B-SYSTEM-HDELPR	SUBROUTINE HDELPR	04/19/2005
IX.3.0B-SYSTEM-HDELTN	SUBROUTINE HDELTN	04/19/2005
IX.3.0B-SYSTEM-HDFLTF	SUBROUTINE HDFLTF	04/19/2005
IX.3.0B-SYSTEM-HDFLTP	SUBROUTINE HDFLTP	04/19/2005
IX.3.0B-SYSTEM-HDFLTT	SUBROUTINE HDFLTT	04/19/2005
IX.3.0B-SYSTEM-HDFUNC	SUBROUTINE HDFUNC	04/19/2005
IX.3.0B-SYSTEM-HDLLD1	SUBROUTINE HDLLD1	04/19/2005
IX.3.0B-SYSTEM-HDLLDA	SUBROUTINE HDLLDA	04/19/2005
IX.3.0B-SYSTEM-HDLLDR	SUBROUTINE HDLLDR	04/19/2005
IX.3.0B-SYSTEM-HDOPTN	SUBROUTINE HDOPTN	04/19/2005
IX.3.0B-SYSTEM-HDPROC	SUBROUTINE HDPROC	04/19/2005
IX.3.0B-SYSTEM-HDTECH	SUBROUTINE HDTECH	04/19/2005
IX.3.0B-SYSTEM-HDWLDR	SUBROUTINE HDWLDR	04/19/2005
IX.3.0B-SYSTEM-HEXECF	SUBROUTINE HEXECF	04/19/2005
IX.3.0B-SYSTEM-HFDFNM	SUBROUTINE HFDFNM	04/19/2005
IX.3.0B-SYSTEM-HFEQLS	SUBROUTINE HFEQLS	04/19/2005
IX.3.0B-SYSTEM-HFEXCP	SUBROUTINE HFEXCP	04/19/2005
IX.3.0B-SYSTEM-HFLPRN	SUBROUTINE HFLPRN	04/19/2005

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IX.3.0B-SYSTEM-HFND3B	SUBROUTINE HFND3B	04/19/2005
IX.3.0B-SYSTEM-HFNDDF	SUBROUTINE HFNDDF	04/19/2005
IX.3.0B-SYSTEM-HFRPRN	SUBROUTINE HFRPRN	04/19/2005
IX.3.0B-SYSTEM-HGARSZ	SUBROUTINE HGARSZ	04/19/2005
IX.3.0B-SYSTEM-HGETPM	SUBROUTINE HGETPM	04/19/2005
IX.3.0B-SYSTEM-HGETTA	SUBROUTINE HGETTA	04/19/2005
IX.3.0B-SYSTEM-HGFNUM	SUBROUTINE HGFNUM	04/19/2005
IX.3.0B-SYSTEM-HGTDFR	SUBROUTINE HGTDFR	04/19/2005
IX.3.0B-SYSTEM-HGTDIN	SUBROUTINE HGTDIN	04/19/2005
IX.3.0B-SYSTEM-HGTGID	SUBROUTINE HGTGID	04/19/2005
IX.3.0B-SYSTEM-HGTRCD	SUBROUTINE HGTRCD	04/19/2005
IX.3.0B-SYSTEM-HGTRDN	SUBROUTINE HGTRDN	04/19/2005
IX.3.0B-SYSTEM-HGTSTR	SUBROUTINE HGTSTR	04/19/2005
IX.3.0B-SYSTEM-HIDCHK	SUBROUTINE HIDCHK	04/19/2005
IX.3.0B-SYSTEM-HINCNX	SUBROUTINE HINCNX	04/19/2005
IX.3.0B-SYSTEM-HLDCBS	SUBROUTINE HLDCBS	04/19/2005
IX.3.0B-SYSTEM-HMCHID	SUBROUTINE HMCHID	04/19/2005
IX.3.0B-SYSTEM-HMODCD	SUBROUTINE HMODCD	04/19/2005
IX.3.0B-SYSTEM-HMODCK	SUBROUTINE HMODCK	04/19/2005
IX.3.0B-SYSTEM-HNMPSW	SUBROUTINE HNMPSW	04/19/2005
IX.3.0B-SYSTEM-HPASMD	SUBROUTINE HPASMD	04/19/2005
IX.3.0B-SYSTEM-HPAST, HPASTA	SUBROUTINES HPAST AND HPASTA	04/19/2005
IX.3.0B-SYSTEM-HPFLDF	SUBROUTINE HPFLDF	04/19/2005
IX.3.0B-SYSTEM-HPFNUM	SUBROUTINE HPFNUM	04/19/2005
IX.3.0B-SYSTEM-HPFUNG	SUBROUTINE HPFUNG	04/19/2005
IX.3.0B-SYSTEM-HPOPTG	SUBROUTINE HPOPTG	04/19/2005
IX.3.0B-SYSTEM-HPPLDF	SUBROUTINE HPPLDF	04/19/2005
IX.3.0B-SYSTEM-HPPRCG	SUBROUTINE HPPRCG	04/19/2005
IX.3.0B-SYSTEM-HPRARS	SUBROUTINE HPRARS	04/19/2005
IX.3.0B-SYSTEM-HPRIDS	SUBROUTINE HPRIDS	04/19/2005
IX.3.0B-SYSTEM-HPRMOD	SUBROUTINE HPRMOD	04/19/2005
IX.3.0B-SYSTEM-HPRNTS	SUBROUTINE HPRNTS	04/19/2005
IX.3.0B-SYSTEM-HPRTOG	SUBROUTINE HPRTOG	04/19/2005
IX.3.0B-SYSTEM-HPRTOS	SUBROUTINE HPRTOS	04/19/2005
IX.3.0B-SYSTEM-HPTCHN	SUBROUTINE HPTCHN	04/19/2005
IX.3.0B-SYSTEM-HPTECG	SUBROUTINE HPTECG	04/19/2005
IX.3.0B-SYSTEM-HPTRCD	SUBROUTINE HPTRCD	04/19/2005
IX.3.0B-SYSTEM-HPTSTR	SUBROUTINE HPTSTR	04/19/2005
IX.3.0B-SYSTEM-HPUTLD	SUBROUTINE HPUTLD	04/19/2005
IX.3.0B-SYSTEM-HRDCTL	SUBROUTINE HRDCTL	04/19/2005
IX.3.0B-SYSTEM-HREPPR	SUBROUTINE HREPPR	04/19/2005
IX.3.0B-SYSTEM-HREPRD	SUBROUTINE HREPRD	04/19/2005
IX.3.0B-SYSTEM-HREPRN	SUBROUTINE HREPRN	04/19/2005
IX.3.0B-SYSTEM-HRIDXC	SUBROUTINE HRIDXC	04/19/2005
IX.3.0B-SYSTEM-HRLDRR	SUBROUTINE HRLDRR	04/19/2005
IX.3.0B-SYSTEM-HROPTN	SUBROUTINE HROPTN	04/19/2005
IX.3.0B-SYSTEM-HSAVED	SUBROUTINE HSAVED	04/19/2005
IX.3.0B-SYSTEM-HSETAR	SUBROUTINE HSETAR	04/19/2005
IX.3.0B-SYSTEM-HSETDY	SUBROUTINE HSETDY	04/19/2005
IX.3.0B-SYSTEM-HSETHR	SUBROUTINE HSETHR	04/19/2005
IX.3.0B-SYSTEM-HSETOP	SUBROUTINE HSETOP	04/19/2005
IX.3.0B-SYSTEM-HSRLDR	SUBROUTINE HSRLDR	04/19/2005
IX.3.0B-SYSTEM-HSYSDA	SUBROUTINE HSYSDA	04/19/2005
IX.3.0B-SYSTEM-HTODAY	SUBROUTINE HTODAY	04/19/2005
IX.3.0B-SYSTEM-HWDCTL	SUBROUTINE HWDCTL	04/19/2005
IX.3.0B-SYSTEM-HWIDXC	SUBROUTINE HWIDXC	04/19/2005

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IX.3.0B-SYSTEM-HWIXEN	SUBROUTINE HWIXEN	04/19/2005
IX.3.0B-SYSTEM-HWPROC	SUBROUTINE HWPROC	04/19/2005
IX.3.0B-SYSTEM-HWROPT	SUBROUTINE HWROPT	04/19/2005
IX.3.0B-SYSTEM-JULDA	SUBROUTINE JULDA	04/19/2005
IX.3.0B-SYSTEM-MDYH1,MDYH2	SUBROUTINES MDYH1 AND MDYH2	04/19/2005
IX.3.0B-SYSTEM-PPHASH	SUBROUTINE PPHASH	04/19/2005
IX.3.0B-SYSTEM-RCOMND	SUBROUTINE RCOMND	04/19/2005
IX.3.0B-SYSTEM-RPCARD	SUBROUTINE RPCARD	04/19/2005
IX.3.0B-SYSTEM-RVLRCD	SUBROUTINE RVLRCD	04/19/2005
IX.3.0B-SYSTEM-SUBSTR	SUBROUTINE SUBSTR	04/19/2005
IX.3.0B-SYSTEM-UBEGIN	SUBROUTINE UBEGIN	04/19/2005
IX.3.0B-SYSTEM-UBLOCK	BLOCK DATA UBLOCK	04/19/2005
IX.3.0B-SYSTEM-UBLOCKF	BLOCK DATA UBLOCKF	04/19/2005
IX.3.0B-SYSTEM-UCHNGE	SUBROUTINE UCHNGE	04/19/2005
IX.3.0B-SYSTEM-UCKFLT	SUBROUTINE UCKFLT	04/19/2005
IX.3.0B-SYSTEM-UCKINT	SUBROUTINE UCKINT	04/19/2005
IX.3.0B-SYSTEM-UCKLOG	SUBROUTINE UCKLOG	04/19/2005
IX.3.0B-SYSTEM-UDKBLK	SUBROUTINE UDKBLK	04/19/2005
IX.3.0B-SYSTEM-UDTRRS	SUBROUTINE UDTRRS	04/19/2005
IX.3.0B-SYSTEM-UDTYPE	SUBROUTINE UDTYPE	04/19/2005
IX.3.0B-SYSTEM-UDUCNV	SUBROUTINE UDUCNV	04/19/2005
IX.3.0B-SYSTEM-UDUNIT	SUBROUTINE UDUNIT	04/19/2005
IX.3.0B-SYSTEM UEROR	SUBROUTINE UEROR	04/19/2005
IX.3.0B-SYSTEM-UFA2F	SUBROUTINE UFA2F	04/19/2005
IX.3.0B-SYSTEM-UFA2I	SUBROUTINE UFA2I	04/19/2005
IX.3.0B-SYSTEM-UFI2A	SUBROUTINE UFI2A	04/19/2005
IX.3.0B-SYSTEM-UFI2AZ	SUBROUTINE UFI2AZ	04/19/2005
IX.3.0B-SYSTEM-UFIELD	SUBROUTINE UFIELD	04/19/2005
IX.3.0B-SYSTEM-UFLDST	SUBROUTINE UFLDST	04/19/2005
IX.3.0B-SYSTEM-UINDEX	SUBROUTINE UINDEX	04/19/2005
IX.3.0B-SYSTEM-UINTCH	SUBROUTINE UINTCH	04/19/2005
IX.3.0B-SYSTEM-ULEFTC	SUBROUTINE ULEFTC	04/19/2005
IX.3.0B-SYSTEM-ULENTH	SUBROUTINE ULENTH	04/19/2005
IX.3.0B-SYSTEM-ULINE	SUBROUTINE ULINE	04/19/2005
IX.3.0B-SYSTEM-ULINEL	SUBROUTINE ULINEL	04/19/2005
IX.3.0B-SYSTEM-UMEMO2	SUBROUTINE UMEMO2	04/19/2005
IX.3.0B-SYSTEM-UMEMOV	SUBROUTINE UMEMOV	04/19/2005
IX.3.0B-SYSTEM-UMEMS2	SUBROUTINE UMEMS2	04/19/2005
IX.3.0B-SYSTEM-UMEMST	SUBROUTINE UMEMST	04/19/2005
IX.3.0B-SYSTEM-UMOVE	SUBROUTINE UMOVE	04/19/2005
IX.3.0B-SYSTEM-UMOVEX	SUBROUTINE UMOVEX	04/19/2005
IX.3.0B-SYSTEM-UPAGE	SUBROUTINE UPAGE	04/19/2005
IX.3.0B-SYSTEM-UPRFLD	SUBROUTINE UPRFLD	04/19/2005
IX.3.0B-SYSTEM-URBLOCK	BLOCK DATA URBLOCK	04/19/2005
IX.3.0B-SYSTEM-URELCH	SUBROUTINE URELCH	04/19/2005
IX.3.0B-SYSTEM-UREPET	SUBROUTINE UREPET	04/19/2005
IX.3.0B-SYSTEM-URGHTC	SUBROUTINE URGHTC	04/19/2005
IX.3.0B-SYSTEM-USORT1	SUBROUTINE USORT1	04/19/2005
IX.3.0B-SYSTEM-USORT2	SUBROUTINE USORT2	04/19/2005
IX.3.0B-SYSTEM-USTOP	SUBROUTINE USTOP	04/19/2005
IX.3.0B-SYSTEM-UWARN	SUBROUTINE UWARN	04/19/2005
IX.3.0B-SYSTEM-WARN	SUBROUTINE WARN	04/19/2005
IX.3.0B-SYSTEM-WPCARD	SUBROUTINE WPCARD	04/19/2005
IX.3.0B-SYSTEM-WVLRCD	SUBROUTINE WVLRCD	04/19/2005
IX.3.0C-SYSTEM	Forecast System Hydrologic Command Language (HCL) and	04/19/2005

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	General Utility Common Block Descriptions	
IX.3.0C-SYSTEM-FCTIME	Common Block FCTIME	04/19/2005
IX.3.0C-SYSTEM-FENGMT	Common Block FENGMT	04/19/2005
IX.3.0C-SYSTEM-HARGMN	Common Block HARGMN	04/19/2005
IX.3.0C-SYSTEM-HCNTRL	Common Block HCNTRL	04/19/2005
IX.3.0C-SYSTEM-HCOMND	Common Block HCOMND	04/19/2005
IX.3.0C-SYSTEM-HCURFC	Common Block HCURFC	04/19/2005
IX.3.0C-SYSTEM-HDATAS	Common Block HDATAS	04/19/2005
IX.3.0C-SYSTEM-HDFLTS	Common Block HDFLTS	04/19/2005
IX.3.0C-SYSTEM-HGARGM	Common Block HGARGM	04/19/2005
IX.3.0C-SYSTEM-HGTECH	Common Block HGTECH	04/19/2005
IX.3.0C-SYSTEM-HINDX	Common Block HINDX	04/19/2005
IX.3.0C-SYSTEM-HPRFLG	Common Block HPRFLG	04/19/2005
IX.3.0C-SYSTEM-HPROCC	Common Block HPROCC	04/19/2005
IX.3.0C-SYSTEM-HPTRAY	Common Block HPTRAY	04/19/2005
IX.3.0C-SYSTEM-HSEG1	Common Block HSEG1	04/19/2005
IX.3.0C-SYSTEM-HSVCRD	Common Block HSVCRD	04/19/2005
IX.3.0C-SYSTEM-HTECHN	Common Block HTECHN	04/19/2005
IX.3.0C-SYSTEM-HUNITS	Common Block HUNITS	04/19/2005
IX.3.0C-SYSTEM-HUPRM2	Common Block HUPRM2	04/19/2005
IX.3.0C-SYSTEM-HWORDS	Common Block HWORDS	04/19/2005
IX.3.0C-SYSTEM-HWORD2	Common Block HWORD2	04/19/2005
IX.3.0C-SYSTEM-HWORD3	Common Block HWORD3	04/19/2005
IX.3.0C-SYSTEM-IONUM	Common Block IONUM	04/19/2005
IX.3.0C-SYSTEM-UCMDBX	Common Block UCMDBX	04/19/2005
IX.3.0C-SYSTEM-UDATAS	Common Block UDATAS	04/19/2005
IX.3.0C-SYSTEM-UDEBUG	Common Block UDEBUG	04/19/2005
IX.3.0C-SYSTEM-UDTYPC	Common Block UDTYPC	04/19/2005
IX.3.0C-SYSTEM-UDUNTX	Common Block UDUNTX	04/19/2005
IX.3.0C-SYSTEM-UERORX	Common Block UERORX	04/19/2005
IX.3.0C-SYSTEM-UFIELDX	Common Block UFIELDX	04/19/2005
IX.3.0C-SYSTEM-UFILES	Common Block UFILES	04/19/2005
IX.3.0C-SYSTEM-UFREEI	Common Block UFREEI	04/19/2005
IX.3.0C-SYSTEM-UFSTCD	Common Block UFSTCD	04/19/2005
IX.3.0C-SYSTEM-UIO	Common Block UIO	04/19/2005
IX.3.0C-SYSTEM-UIOX	Common Block UIOX	04/19/2005
IX.3.0C-SYSTEM-UPAGEX	Common Block UPAGEX	04/19/2005
IX.3.0C-SYSTEM-UPVRSX	Common Block UPVRSX	04/19/2005
IX.3.0C-SYSTEM-UTIMRX	Common Block UTIMRX	04/19/2005
IX.3.0C-SYSTEM-UUNITS	Common Block UUNITS	04/19/2005
IX.3.0C-SYSTEM-WHERE	Common Block WHERE	04/19/2005
IX.3.1-SYSTEM	Forecast System Data Entry Modules	04/19/2005
IX.3.1-SYSTEM-DFBLOCK	BLOCK DATA DFBLOCK	04/19/2005
IX.3.1-SYSTEM-DGBLOCK	BLOCK DATA DGBLOCK	04/19/2005
IX.3.1-SYSTEM-DGPRT	SUBROUTINE DGPRT	04/19/2005
IX.3.1-SYSTEM-DSBLOCK	BLOCK DATA DSBLOCK	04/19/2005
IX.3.1-SYSTEM-DSPRT	SUBROUTINE DSPRT	04/19/2005
IX.3.1-SYSTEM-WDGCH	SUBROUTINE WDGCH	04/19/2005
IX.3.1-SYSTEM-WDSCR	SUBROUTINE WDSCR	04/19/2005
IX.3.1-SYSTEM-WDGD	SUBROUTINE WDGD	04/19/2005
IX.3.1-SYSTEM-WDSCH	SUBROUTINE WDSCH	04/19/2005
IX.3.1-SYSTEM-WDSCR	SUBROUTINE WDSCR	04/19/2005
IX.3.1-SYSTEM-WDSD	SUBROUTINE WDSD	04/19/2005
IX.3.2B-SYSTEM	Forecast System Program PPINIT	01/05/2005

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	and Program FCST Preprocessor Functions Subroutine Descriptions	
IX.3.2B-SYSTEM-FUN001	SUBROUTINE FUN001	09/08/2004
IX.3.2B-SYSTEM-FUN002	SUBROUTINE FUN002	09/08/2004
IX.3.2B-SYSTEM-FUN003	SUBROUTINE FUN003	09/08/2004
IX.3.2B-SYSTEM-FUN004	SUBROUTINE FUN004	09/08/2004
IX.3.2B-SYSTEM-FUN005	SUBROUTINE FUN005	09/08/2004
IX.3.2B-SYSTEM-FUN006	SUBROUTINE FUN006	09/08/2004
IX.3.2B-SYSTEM-FUN007	SUBROUTINE FUN007	09/08/2004
IX.3.2B-SYSTEM-FUN008	SUBROUTINE FUN008	09/08/2004
IX.3.2B-SYSTEM-FUN009	SUBROUTINE FUN009	09/08/2004
IX.3.2B-SYSTEM-FUN010	SUBROUTINE FUN010	09/08/2004
IX.3.2B-SYSTEM-FUN011	SUBROUTINE FUN011	09/08/2004
IX.3.2B-SYSTEM-FUN012	SUBROUTINE FUN012	09/08/2004
IX.3.2B-SYSTEM-FUN013	SUBROUTINE FUN013	09/08/2004
IX.3.2B-SYSTEM-FUN014	SUBROUTINE FUN014	09/08/2004
IX.3.2B-SYSTEM-FUN015	SUBROUTINE FUN015	09/08/2004
IX.3.2B-SYSTEM-IPBUG	FUNCTION IPBUG	01/05/2005
IX.3.2B-SYSTEM-QDISPL	SUBROUTINE QDISPL	01/05/2005
IX.3.2B-SYSTEM-QDNORM	SUBROUTINE QDNORM	01/05/2005
IX.3.2B-SYSTEM-QDSPLY	SUBROUTINE QDSPLY	01/05/2005
IX.3.2B-SYSTEM-QDTYPE	SUBROUTINE QDTYPE	01/05/2005
IX.3.2B-SYSTEM-QEXTRP	SUBROUTINE QEXTRP	01/05/2005
IX.3.2B-SYSTEM-QINPUT	SUBROUTINE QINPUT	01/05/2005
IX.3.2B-SYSTEM-QINSTM	SUBROUTINE QINSTM	01/05/2005
IX.3.2B-SYSTEM-QINSTN	SUBROUTINE QINSTN	01/05/2005
IX.3.2B-SYSTEM-QISTFT	SUBROUTINE QISTFT	01/05/2005
IX.3.2B-SYSTEM-QMEAN	SUBROUTINE QMEAN	01/05/2005
IX.3.2B-SYSTEM-QMEANM	SUBROUTINE QMEANM	01/05/2005
IX.3.2B-SYSTEM-QOBSDA	SUBROUTINE QOBSDA	01/05/2005
IX.3.2B-SYSTEM-QOVLAP	SUBROUTINE QOVLAP	01/05/2005
IX.3.2B-SYSTEM-QPRNT	SUBROUTINE QPRNT	01/05/2005
IX.3.2B-SYSTEM-QPRTTS	SUBROUTINE QPRTTS	01/05/2005
IX.3.2B-SYSTEM-QSETMG	SUBROUTINE QSETMG	01/05/2005
IX.3.2B-SYSTEM-QSPRRS	SUBROUTINE QSPRRS	01/05/2005
IX.3.2B-SYSTEM-QSRPRD	SUBROUTINE QSRPRD	01/05/2005
IX.3.2B-SYSTEM-QSWPRD	SUBROUTINE QSWPRD	01/05/2005
IX.3.2B-SYSTEM-QWRITS	SUBROUTINE QWRITS	01/05/2005
IX.3.2B-SYSTEM-QXWPRD	SUBROUTINE QXWPRD	01/05/2005
IX.3.2B-SYSTEM-SBAREA	SUBROUTINE SBAREA	06/22/1999
IX.3.2B-SYSTEM-SBBXCK	SUBROUTINE SBBXCK	06/22/1999
IX.3.2B-SYSTEM-SBCNTD	SUBROUTINE SBCNTD	06/22/1999
IX.3.2B-SYSTEM-SBCNTR	SUBROUTINE SBCNTR	06/22/1999
IX.3.2B-SYSTEM-SBFCTR	SUBROUTINE SBFCTR	06/22/1999
IX.3.2B-SYSTEM-SBFMAX	SUBROUTINE SBFMAX	06/22/1999
IX.3.2B-SYSTEM-SBFMIN	SUBROUTINE SBFMIN	06/22/1999
IX.3.2B-SYSTEM-SBGRDF	SUBROUTINE SBGRDF	06/22/1999
IX.3.2B-SYSTEM-SBGRDL	SUBROUTINE SBGRDL	06/22/1999
IX.3.2B-SYSTEM-SBIMAX	SUBROUTINE SBIMAX	06/22/1999
IX.3.2B-SYSTEM-SBIMIN	SUBROUTINE SBIMIN	06/22/1999
IX.3.2B-SYSTEM-SBLETR	SUBROUTINE SBLETR	06/22/1999
IX.3.2B-SYSTEM-SBLLGD	SUBROUTINE SBLLGD	06/22/1999
IX.3.2B-SYSTEM-SBLOCK	BLOCK DATA SBLOCK	05/22/2002
IX.3.2B-SYSTEM-SBMDRS	SUBROUTINE SBMDRS	06/22/1999
IX.3.2B-SYSTEM-SBMDRV	SUBROUTINE SBMDRV	06/22/1999

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IX.3.2B-SYSTEM-SBMDRW	SUBROUTINE SBMDRW	06/22/1999
IX.3.2B-SYSTEM-SBMNUM	SUBROUTINE SBMNUM	06/22/1999
IX.3.2B-SYSTEM-SBNUMM	SUBROUTINE SBNUMM	06/22/1999
IX.3.2B-SYSTEM-SBPAIR	SUBROUTINE SBPAIR	06/22/1999
IX.3.2B-SYSTEM-SBPLOT	SUBROUTINE SBPLOT	06/22/1999
IX.3.2B-SYSTEM-SBPTCK	SUBROUTINE SBPTCK	06/22/1999
IX.3.2B-SYSTEM-SBRTAT	SUBROUTINE SBRTAT	06/22/1999
IX.3.2B-SYSTEM-SBSORT	SUBROUTINE SBSORT	06/22/1999
IX.3.2B-SYSTEM-SBTABL	SUBROUTINE SBTABL	06/22/1999
IX.3.2B-SYSTEM-SBYNEG	SUBROUTINE SBYNEG	06/22/1999
IX.3.2B-SYSTEM-SBYPOS	SUBROUTINE SBYPOS	06/22/1999
IX.3.2B-SYSTEM-SFADRV	SUBROUTINE SFADRV	06/22/1999
IX.3.2B-SYSTEM-SFBASN	SUBROUTINE SFBASN	06/22/1999
IX.3.2B-SYSTEM-SFBDRV	SUBROUTINE SFBDRV	06/22/1999
IX.3.2B-SYSTEM-SFPOWR	SUBROUTINE SFPOWR	06/22/1999
IX.3.2B-SYSTEM-SFQUAD	SUBROUTINE SFQUAD	06/22/1999
IX.3.2B-SYSTEM-SFRADI	SUBROUTINE SFRADI	06/22/1999
IX.3.2B-SYSTEM-SFWGHT	SUBROUTINE SFWGHT	06/22/1999
IX.3.2B-SYSTEM-SPBASN	SUBROUTINE SPBASN	06/22/1999
IX.3.2B-SYSTEM-SRBASN	SUBROUTINE SRBASN	06/22/1999
IX.3.2B-SYSTEM-SWBASN	SUBROUTINE SWBASN	06/22/1999
IX.3.2B-SYSTEM-TCORR	SUBROUTINE TCORR	03/12/1998
IX.3.2B-SYSTEM-TDSP1	SUBROUTINE TDSPI	03/12/1998
IX.3.2B-SYSTEM-TDSPM	SUBROUTINE TDSPM	03/13/1998
IX.3.2B-SYSTEM-TEMP	SUBROUTINE TEMP	03/13/1998
IX.3.2B-SYSTEM-TESTI	SUBROUTINE TESTI	03/13/1998
IX.3.2B-SYSTEM-TESTM	SUBROUTINE TESTM	03/13/1998
IX.3.2B-SYSTEM-TESTP	SUBROUTINE TESTP	03/13/1998
IX.3.2B-SYSTEM-TFUTUR	SUBROUTINE TFUTUR	03/13/1998
IX.3.2B-SYSTEM-TILUVO	SUBROUTINE TILUVO	03/13/1998
IX.3.2B-SYSTEM-TMEANI	SUBROUTINE TMEANI	03/13/1998
IX.3.2B-SYSTEM-TMAT	SUBROUTINE TMAT	07/24/1998
IX.3.2B-SYSTEM-TMEANM	SUBROUTINE TMEANM	03/13/1998
IX.3.2B-SYSTEM-TPART	SUBROUTINE TPART	03/13/1998
IX.3.2B-SYSTEM-TUPDAT	SUBROUTINE TUPDAT	03/13/1998
IX.3.2B-SYSTEM-XFMAPC	SUBROUTINE XFMAPC	09/16/1994
IX.3.2B-SYSTEM-XFMAPD	SUBROUTINE XFMAPD	09/16/1994
IX.3.2B-SYSTEM-XFMAPP	SUBROUTINE XFMAPP	09/16/1994
IX.3.2B-SYSTEM-XFMAPS	SUBROUTINE XFMAPS	09/16/1994
IX.3.2B-SYSTEM-XFMAPT	SUBROUTINE XFMAPT	09/16/1994
IX.3.2B-SYSTEM-XFMAPW	SUBROUTINE XFMAPW	09/16/1994
IX.3.2B-SYSTEM-XFMAP6	SUBROUTINE XFMAP6	09/16/1994
IX.3.2B-SYSTEM-XMDRAL	SUBROUTINE XMDRAL	09/16/1994
IX.3.2B-SYSTEM-XMDRCV	SUBROUTINE XMDRCV	09/16/1994
IX.3.2B-SYSTEM-XMDRPL	SUBROUTINE XMDRPL	09/16/1994
IX.3.2B-SYSTEM-XMDRPR	SUBROUTINE XMDRPR	09/16/1994
IX.3.2B-SYSTEM-XMDRRF	SUBROUTINE XMDRRF	09/16/1994
IX.3.2C-SYSTEM	Forecast System Program PPINIT and Program FCST Preprocessor Functions Common Block Descriptions	02/22/2005
IX.3.2C-SYSTEM-PUDEBUG	Common Block PUDEBUG	05/17/1999
IX.3.2C-SYSTEM-SGBOXX	Common Block SGBOXX	05/01/1995
IX.3.2C-SYSTEM-SNTWFX	Common Block SNTWFX	05/01/1995
IX.3.2C-SYSTEM-SNTWKX	Common Block SNTWKX	12/18/2001
IX.3.2C-SYSTEM-SUDBGX	Common Block SUDBGX	05/02/1995

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IX.3.2C-SYSTEM-SUDDSX	Common Block SUDDSX	06/03/1999
IX.3.2C-SYSTEM-SUDTRX	Common Block SUDTRX	05/02/1995
IX.3.2C-SYSTEM-SUERRX	Common Block SUERRX	05/02/1995
IX.3.2C-SYSTEM-SUFREX	Common Block SUFREX	05/02/1995
IX.3.2C-SYSTEM-SUGNLX	Common Block SUGNLX	05/02/1995
IX.3.2C-SYSTEM-SUOPTX	Common Block SUOPTX	01/05/2005
IX.3.2C-SYSTEM-SUPAGX	Common Block SUPAGX	12/18/2001
IX.3.2C-SYSTEM-SUPRTX	Common Block SUPRTX	05/03/1995
IX.3.2C-SYSTEM-SUTMRX	Common Block SUTMRX	05/03/1995
IX.3.2C-SYSTEM-SWORKX	Common Block SWORKX	05/03/1995
IX.3.2C-SYSTEM-SWRK2X	Common Block SWRK2X	05/03/1995
IX.3.2C-SYSTEM-TARY	Common Block TARY	02/23/1998
IX.3.2C-SYSTEM-TLOC	Common Block TLOC	02/23/1998
IX.3.2C-SYSTEM-TOUT	Common Block TOUT	02/23/1998
IX.3.2C-SYSTEM-TSCRAT	Common Block TSCRAT	02/23/1998
IX.3.2C-SYSTEM-TUSER	Common Block TUSER	02/23/1998
IX.3.2C-SYSTEM-X	Common Block X	08/21/1996
IX.3.2C-SYSTEM-XALPHA	Common Block XALPHA	09/16/1994
IX.3.2C-SYSTEM-XDISPL	Common Block XDISPL	09/16/1994
IX.3.2C-SYSTEM-XFDATE	Common Block XFDATE	09/16/1994
IX.3.2C-SYSTEM-XMDAY	Common Block XMDAY	09/16/1994
IX.3.2C-SYSTEM-XMDR	Common Block XMDR	09/16/1994
IX.3.2C-SYSTEM-XOPT	Common Block XOPT	09/16/1994
IX.3.2C-SYSTEM-XOPT2	Common Block XOPT2	09/16/1994
IX.3.2C-SYSTEM-XSIZE	Common Block XSIZE	09/16/1994
IX.3.2C-SYSTEM-XTIME	Common Block XTIME	09/16/1994
IX.3.3B-SYSTEM	Forecast System Program FCINIT and Program FCST Forecast Functions System Subroutine Descriptions	04/19/2005
IX.3.3B-SYSTEM-CALBIO	SUBROUTINE CALBIO	04/19/2005
IX.3.3B-SYSTEM-CDINPT	SUBROUTINE CDINPT	04/19/2005
IX.3.3B-SYSTEM-CGDEF	SUBROUTINE CGDEF	04/19/2005
IX.3.3B-SYSTEM-CGDEL	SUBROUTINE CGDEL	04/19/2005
IX.3.3B-SYSTEM-CGDELA	SUBROUTINE CGDELA	04/19/2005
IX.3.3B-SYSTEM-CGDELB	SUBROUTINE CGDELB	04/19/2005
IX.3.3B-SYSTEM-CGDELC	SUBROUTINE CGDELC	04/19/2005
IX.3.3B-SYSTEM-CGDSEG	SUBROUTINE CGDSEG	04/19/2005
IX.3.3B-SYSTEM-CHECKC	SUBROUTINE CHECKC	04/19/2005
IX.3.3B-SYSTEM-CHECKP	SUBROUTINE CHECKP	04/19/2005
IX.3.3B-SYSTEM-CHECKT	SUBROUTINE CHECKT	04/19/2005
IX.3.3B-SYSTEM-CHEKRC	SUBROUTINE CHEKRC	04/19/2005
IX.3.3B-SYSTEM-CHEKTS	SUBROUTINE CHEKTS	04/19/2005
IX.3.3B-SYSTEM-CKINPT	SUBROUTINE CKINPT	04/19/2005
IX.3.3B-SYSTEM-COXDRV	SUBROUTINE COXDRV	04/19/2005
IX.3.3B-SYSTEM-COXDR1	SUBROUTINE COXDR1	04/19/2005
IX.3.3B-SYSTEM-COXDR2	SUBROUTINE COXDR2	04/19/2005
IX.3.3B-SYSTEM-COXDR3	SUBROUTINE COXDR3	04/19/2005
IX.3.3B-SYSTEM-CSRSET,CSAVE,CRETRV	SUBROUTINES CSRSET, CSAVE AND CRETRV	04/19/2005
IX.3.3B-SYSTEM-DEFWY	SUBROUTINE DEFWY	04/19/2005
IX.3.3B-SYSTEM-DELSEG	SUBROUTINE DELSEG	04/19/2005
IX.3.3B-SYSTEM-FAJMDQ	SUBROUTINE FAJMDQ	04/19/2005
IX.3.3B-SYSTEM-FARGCK	SUBROUTINE FARGCK	04/19/2005
IX.3.3B-SYSTEM-FAZE0	SUBROUTINE FAZE0	04/19/2005
IX.3.3B-SYSTEM-FAZE1	SUBROUTINE FAZE1	04/19/2005

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IX.3.3B-SYSTEM-FAZE2	SUBROUTINE FAZE2	04/19/2005
IX.3.3B-SYSTEM-FAZE3	SUBROUTINE FAZE3	04/19/2005
IX.3.3B-SYSTEM-FBLEND	SUBROUTINE FBLEND	04/19/2005
IX.3.3B-SYSTEM-FCARGS	SUBROUTINE FCARGS	04/19/2005
IX.3.3B-SYSTEM-FCBFCK	SUBROUTINE FCBFCK	04/19/2005
IX.3.3B-SYSTEM-FCDATE	SUBROUTINE FCDATE	04/19/2005
IX.3.3B-SYSTEM-FCDELT	SUBROUTINE FCDELT	04/19/2005
IX.3.3B-SYSTEM-FCDMP1	SUBROUTINE FCDMP1	04/19/2005
IX.3.3B-SYSTEM-FCDMP2	SUBROUTINE FCDMP2	04/19/2005
IX.3.3B-SYSTEM-FCDMP3	SUBROUTINE FCDMP3	04/19/2005
IX.3.3B-SYSTEM-FCEXCT	SUBROUTINE FCEXCT	04/19/2005
IX.3.3B-SYSTEM-FCEXEC	SUBROUTINE FCEXEC	04/19/2005
IX.3.3B-SYSTEM-FCHKCO	SUBROUTINE FCHKCO	04/19/2005
IX.3.3B-SYSTEM-FCIDCK	SUBROUTINE FCIDCK	04/19/2005
IX.3.3B-SYSTEM-FCINIT	SUBROUTINE FCINIT	04/19/2005
IX.3.3B-SYSTEM-FCKTSX	SUBROUTINE FCKTSX	04/19/2005
IX.3.3B-SYSTEM-FCLCD	SUBROUTINE FCLCD	04/19/2005
IX.3.3B-SYSTEM-FCOBBL	SUBROUTINE FCOBBL	04/19/2005
IX.3.3B-SYSTEM-FCONVT	SUBROUTINE FCONVT	04/19/2005
IX.3.3B-SYSTEM-FCORDR	SUBROUTINE FCORDR	04/19/2005
IX.3.3B-SYSTEM-FCOSEG	SUBROUTINE FCOSEG	04/19/2005
IX.3.3B-SYSTEM-FCPPTS	SUBROUTINE FCPPTS	04/19/2005
IX.3.3B-SYSTEM-FCRDCE	SUBROUTINE FCRDCE	04/19/2005
IX.3.3B-SYSTEM-FCRDPE	SUBROUTINE FCRDPE	04/19/2005
IX.3.3B-SYSTEM-FCRDRC	SUBROUTINE FCRDRC	04/19/2005
IX.3.3B-SYSTEM-FCRSORT	SUBROUTINE FCRSORT	04/19/2005
IX.3.3B-SYSTEM-FCTSRE	SUBROUTINE FCTSRE	04/19/2005
IX.3.3B-SYSTEM-FCTSWT	SUBROUTINE FCTSWT	05/02/2005
IX.3.3B-SYSTEM-FCTZC,FCITZC	SUBROUTINES FCTZC AND FCITZC	04/19/2005
IX.3.3B-SYSTEM-FCWTCE	SUBROUTINE FCWTCE	04/19/2005
IX.3.3B-SYSTEM-FCWTCK	SUBROUTINE FCWTCK	04/19/2005
IX.3.3B-SYSTEM-FCWTCO	SUBROUTINE FCWTCO	04/19/2005
IX.3.3B-SYSTEM-FCWTFE	SUBROUTINE FCWTFE	04/19/2005
IX.3.3B-SYSTEM-FCWTRC	SUBROUTINE FCWTRC	04/19/2005
IX.3.3B-SYSTEM-FDATCK	SUBROUTINE FDATCK	04/19/2005
IX.3.3B-SYSTEM-FDCODE	SUBROUTINE FDCODE	04/19/2005
IX.3.3B-SYSTEM-FDEFRC	SUBROUTINE FDEFRC	04/19/2005
IX.3.3B-SYSTEM-FDELRC	SUBROUTINE FDELRC	04/19/2005
IX.3.3B-SYSTEM-FDMPA	SUBROUTINE FDMPA	04/19/2005
IX.3.3B-SYSTEM-FDMPCB	SUBROUTINE FDMPCB	04/19/2005
IX.3.3B-SYSTEM-FDRIVE	SUBROUTINE FDRIVE	04/19/2005
IX.3.3B-SYSTEM-FDRIV1	SUBROUTINE FDRIV1	04/19/2005
IX.3.3B-SYSTEM-FDRIV2	SUBROUTINE FDRIV2	04/19/2005
IX.3.3B-SYSTEM-FDRIV3	SUBROUTINE FDRIV3	04/19/2005
IX.3.3B-SYSTEM-FDRVWY	SUBROUTINE FDRVWY	04/19/2005
IX.3.3B-SYSTEM-FFPUIN	SUBROUTINE FFPUIN	04/19/2005
IX.3.3B-SYSTEM-FFPURL	SUBROUTINE FFPURL	04/19/2005
IX.3.3B-SYSTEM-FFRDIN	SUBROUTINE FFRDIN	04/19/2005
IX.3.3B-SYSTEM-FFRDRL	SUBROUTINE FFRDRL	04/19/2005
IX.3.3B-SYSTEM-FGDEF	SUBROUTINE FGDEF	04/19/2005
IX.3.3B-SYSTEM-FGDEL	SUBROUTINE FGDEL	04/19/2005
IX.3.3B-SYSTEM-FGGET	SUBROUTINE FGGET	04/19/2005
IX.3.3B-SYSTEM-FGSGLS	SUBROUTINE FGSGLS	04/19/2005
IX.3.3B-SYSTEM-FHYDEX	SUBROUTINE FHDEX	04/19/2005
IX.3.3B-SYSTEM-FILSGO	SUBROUTINE FILSGO	04/19/2005
IX.3.3B-SYSTEM-FILUVO	SUBROUTINE FILUVO	04/19/2005

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IX.3.3B-SYSTEM-FINDRC	SUBROUTINE FINDRC	04/19/2005
IX.3.3B-SYSTEM-FINDTS	SUBROUTINE FINDTS	04/19/2005
IX.3.3B-SYSTEM-FINICO	SUBROUTINE FINICO	04/19/2005
IX.3.3B-SYSTEM-FLCMLP	SUBROUTINE FLCMLP	04/19/2005
IX.3.3B-SYSTEM-FLOCSG	SUBROUTINE FLOCSG	04/19/2005
IX.3.3B-SYSTEM-FLOOPR	SUBROUTINE FLOOPR	04/19/2005
IX.3.3B-SYSTEM-FMCOPS	SUBROUTINE FMCOPS	04/19/2005
IX.3.3B-SYSTEM-FMVTSL	SUBROUTINE FMVTSL	04/19/2005
IX.3.3B-SYSTEM-FNOCSV	SUBROUTINE FNOCSV	04/19/2005
IX.3.3B-SYSTEM-FOBSSG	SUBROUTINE FOBSSG	04/19/2005
IX.3.3B-SYSTEM-FOPCDE, FOPCDX	SUBROUTINES FOPCDE AND FOPCDX	04/19/2005
IX.3.3B-SYSTEM-FPDBIO	SUBROUTINE FPDBIO	04/19/2005
IX.3.3B-SYSTEM-FPHPWN	SUBROUTINE FPHPWN	04/19/2005
IX.3.3B-SYSTEM-FPPPRM	SUBROUTINE FPPPRM	04/19/2005
IX.3.3B-SYSTEM-FPPSEG	SUBROUTINE FPPSEG	04/19/2005
IX.3.3B-SYSTEM-FPRBUG	SUBROUTINE FPRBUG	04/19/2005
IX.3.3B-SYSTEM-FPRCBA	SUBROUTINE FPRCBA	04/19/2005
IX.3.3B-SYSTEM-FPRCBB	SUBROUTINE FPRCBB	04/19/2005
IX.3.3B-SYSTEM-FPRCBC	SUBROUTINE FPRCBC	04/19/2005
IX.3.3B-SYSTEM-FPRCBD	SUBROUTINE FPRCBD	04/19/2005
IX.3.3B-SYSTEM-FPRCBE	SUBROUTINE FPRCBE	04/19/2005
IX.3.3B-SYSTEM-FPRCBF	SUBROUTINE FPRCBF	04/19/2005
IX.3.3B-SYSTEM-FPROPS	SUBROUTINE FPROPS	04/19/2005
IX.3.3B-SYSTEM-FPRRC	SUBROUTINE FPRRC	04/19/2005
IX.3.3B-SYSTEM-FPRTCB	SUBROUTINE FPRTCB	04/19/2005
IX.3.3B-SYSTEM-FPRTOP	SUBROUTINE FPRTOP	04/19/2005
IX.3.3B-SYSTEM-FPRTRC	SUBROUTINE FPRTRC	04/19/2005
IX.3.3B-SYSTEM-FPTCRY	SUBROUTINE FPTCRY	04/19/2005
IX.3.3B-SYSTEM-FPTPRM	SUBROUTINE FPTPRM	04/19/2005
IX.3.3B-SYSTEM-FRCERR	SUBROUTINE FRCERR	04/19/2005
IX.3.3B-SYSTEM-FRCFQ	SUBROUTINE FRCFQ	04/19/2005
IX.3.3B-SYSTEM-FRCID	SUBROUTINE FRCID	04/19/2005
IX.3.3B-SYSTEM-FRCLEX	SUBROUTINE FRCLEX	04/19/2005
IX.3.3B-SYSTEM-FRCOPT	SUBROUTINE FRCOPT	04/19/2005
IX.3.3B-SYSTEM-FRCRDC	SUBROUTINE FRCRDC	04/19/2005
IX.3.3B-SYSTEM-FRCSHF	SUBROUTINE FRCSHF	04/19/2005
IX.3.3B-SYSTEM-FRCUN	SUBROUTINE FRCUN	04/19/2005
IX.3.3B-SYSTEM-FRCUPD	SUBROUTINE FRCUPD	04/19/2005
IX.3.3B-SYSTEM-FRDCAL	SUBROUTINE FRDCAL	04/19/2005
IX.3.3B-SYSTEM-FRDCAR	SUBROUTINE FRDCAR	04/19/2005
IX.3.3B-SYSTEM-FRDPDB	SUBROUTINE FRDPDB	04/19/2005
IX.3.3B-SYSTEM-FRESTR	SUBROUTINE FRESTR	04/19/2005
IX.3.3B-SYSTEM-FRPLAC	SUBROUTINE FRPLAC	04/19/2005
IX.3.3B-SYSTEM-FSERCH	SUBROUTINE FSERCH	04/19/2005
IX.3.3B-SYSTEM-FSETBG	SUBROUTINE FSETBG	04/19/2005
IX.3.3B-SYSTEM-FSETNW	SUBROUTINE FSETNW	04/19/2005
IX.3.3B-SYSTEM-FSGDAT	SUBROUTINE FSGDAT	04/19/2005
IX.3.3B-SYSTEM-FSGDEF	SUBROUTINE FSGDEF	04/19/2005
IX.3.3B-SYSTEM-FSIGFG	SUBROUTINE FSIGFG	04/19/2005
IX.3.3B-SYSTEM-FSNWTR	SUBROUTINE FSNWTR	04/19/2005
IX.3.3B-SYSTEM-FSPOOL	SUBROUTINE FSPOOL	04/19/2005
IX.3.3B-SYSTEM-FSTACG	SUBROUTINE FSTACG	04/19/2005
IX.3.3B-SYSTEM-FSTAFG	SUBROUTINE FSTAFG	04/19/2005
IX.3.3B-SYSTEM-FSTAHD	SUBROUTINE FSTAHD	04/19/2005
IX.3.3B-SYSTEM-FSTASG	SUBROUTINE FSTASG	04/19/2005
IX.3.3B-SYSTEM-FSTAT1	SUBROUTINE FSTAT1	04/19/2005

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IX.3.3B-SYSTEM-FSTATS	SUBROUTINE FSTATS	04/19/2005
IX.3.3B-SYSTEM-FSTGQ	SUBROUTINE FSTGQ	04/19/2005
IX.3.3B-SYSTEM-FSTITM	SUBROUTINE FSTITM	04/19/2005
IX.3.3B-SYSTEM-FSTQCO	SUBROUTINE FSTQCO	04/19/2005
IX.3.3B-SYSTEM-FTEKCK	SUBROUTINE FTEKCK	04/19/2005
IX.3.3B-SYSTEM-FTERPL	SUBROUTINE FTERPL	04/19/2005
IX.3.3B-SYSTEM-FTMCHK	SUBROUTINE FTMCHK	04/19/2005
IX.3.3B-SYSTEM-FUPDCO	SUBROUTINE FUPDCO	04/19/2005
IX.3.3B-SYSTEM-FWCLEX	SUBROUTINE FWCLEX	04/19/2005
IX.3.3B-SYSTEM-FWTCAL	SUBROUTINE FWTCAL	04/19/2005
IX.3.3B-SYSTEM-FWTCAR	SUBROUTINE FWTCAR	04/19/2005
IX.3.3B-SYSTEM-FWTPDB	SUBROUTINE FWTPDB	04/19/2005
IX.3.3B-SYSTEM-FXTRPL	SUBROUTINE FXTRPL	04/19/2005
IX.3.3B-SYSTEM-IFBUG	FUNCTION IFBUG	04/19/2005
IX.3.3B-SYSTEM-IFMSNG	SUBROUTINE IFMSNG	04/19/2005
IX.3.3B-SYSTEM-IFRUN	FUNCTION IFRUN	04/19/2005
IX.3.3B-SYSTEM-KILLFN	SUBROUTINE KILLFN	04/19/2005
IX.3.3B-SYSTEM-KILLPM	SUBROUTINE KILLPM	04/19/2005
IX.3.3B-SYSTEM-PROPTB	SUBROUTINE PROPTB	04/19/2005
IX.3.3B-SYSTEM-PROPT1	SUBROUTINE PROPT1	04/19/2005
IX.3.3B-SYSTEM-PROPT2	SUBROUTINE PROPT2	04/19/2005
IX.3.3B-SYSTEM-PROPT3	SUBROUTINE PROPT3	04/19/2005
IX.3.3B-SYSTEM-PUOPTB	SUBROUTINE PUOPTB	04/19/2005
IX.3.3B-SYSTEM-PUOPT1	SUBROUTINE PUOPT1	04/19/2005
IX.3.3B-SYSTEM-PUOPT2	SUBROUTINE PUOPT2	04/19/2005
IX.3.3B-SYSTEM-PUOPT3	SUBROUTINE PUOPT3	04/19/2005
IX.3.3B-SYSTEM-RDLIST	SUBROUTINE RDLIST	04/19/2005
IX.3.3B-SYSTEM-SETUP	SUBROUTINE SETUP	05/02/2005
IX.3.3B-SYSTEM-SETUP1	SUBROUTINE SETUP1	04/19/2005
IX.3.3B-SYSTEM-SETUP2	SUBROUTINE SETUP2	04/19/2005
IX.3.3B-SYSTEM-SETUP3	SUBROUTINE SETUP3	04/19/2005
IX.3.3B-SYSTEM-STOP	SUBROUTINE STOP	04/19/2005
IX.3.3B-SYSTEM-STOPFN	SUBROUTINE STOPFN	04/19/2005
IX.3.3B-SYSTEM-STOPIN	SUBROUTINE STOPIN	04/19/2005
IX.3.3B-SYSTEM-TSDEF	SUBROUTINE TSDEF	04/19/2005
IX.3.3C-SYSTEM	Forecast System Program FCINIT and Program FCST Forecast Functions System Common Block Descriptions	04/19/2005
IX.3.3C-SYSTEM-ERRDAT	Common Block ERRDAT	04/19/2005
IX.3.3C-SYSTEM-FAPICO	Common Block FAPICO	04/19/2005
IX.3.3C-SYSTEM-FC	Common Block FC	04/19/2005
IX.3.3C-SYSTEM-FCARY	Common Block FCARY	04/19/2005
IX.3.3C-SYSTEM-FCASSM	Common Block FCASSM	04/19/2005
IX.3.3C-SYSTEM-FCCGD1	Common Block FCCGD1	04/19/2005
IX.3.3C-SYSTEM-FCCGD2	Common Block FCCGD2	04/19/2005
IX.3.3C-SYSTEM-FCCVP	Common Block FCCVP	04/19/2005
IX.3.3C-SYSTEM-FCDFLT	Common Block FCDFLT	04/19/2005
IX.3.3C-SYSTEM-FCFGS	Common Block FCFGS	04/19/2005
IX.3.3C-SYSTEM-FCFGS2	Common Block FCFGS2	04/19/2005
IX.3.3C-SYSTEM-FCFUTP	Common Block FCFUTP	04/19/2005
IX.3.3C-SYSTEM-FCHGRS	Common Block FCHGRS	04/19/2005
IX.3.3C-SYSTEM-FCIO	Common Block FCIO	04/19/2005
IX.3.3C-SYSTEM-FCIOBF	Common Block FCIOBF	04/19/2005
IX.3.3C-SYSTEM-FCOAPI	Common Block FCOAPI	04/19/2005
IX.3.3C-SYSTEM-FCONIT	Common Block FCONIT	04/19/2005

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IX.3.3C-SYSTEM-FCOPPT	Common Block FCOPPT	04/19/2005
IX.3.3C-SYSTEM-FCOSAC	Common Block FCOSAC	04/19/2005
IX.3.3C-SYSTEM-FCRFC	Common Block FCRFC	04/19/2005
IX.3.3C-SYSTEM-FCRUNC	Common Block FCRUNC	04/19/2005
IX.3.3C-SYSTEM-FCSEGC	Common Block FCSEGC	04/19/2005
IX.3.3C-SYSTEM-FCSEGP	Common Block FCSEGP	04/19/2005
IX.3.3C-SYSTEM-FCSGC1	Common Block FCSGC1	04/19/2005
IX.3.3C-SYSTEM-FCSGP2	Common Block FCSGP2	04/19/2005
IX.3.3C-SYSTEM-FCTIM2	Common Block FCTIM2	04/19/2005
IX.3.3C-SYSTEM-FCUNIT	Common Block FCUNIT	04/19/2005
IX.3.3C-SYSTEM-FD	Common Block FD	04/19/2005
IX.3.3C-SYSTEM-FDBUG	Common Block FDBUG	04/19/2005
IX.3.3C-SYSTEM-FDISPL	Common Block FDISPL	04/19/2005
IX.3.3C-SYSTEM-FDISPS	Common Block FDISPS	04/19/2005
IX.3.3C-SYSTEM-FFGCTL	Common Block FFGCTL	04/19/2005
IX.3.3C-SYSTEM-FIGNOR	Common Block FIGNOR	04/19/2005
IX.3.3C-SYSTEM-FLARYS	Common Block FLARYS	04/19/2005
IX.3.3C-SYSTEM-FMODFT	Common Block FMODFT	04/19/2005
IX.3.3C-SYSTEM-FNOPR	Common Block FNOPR	04/19/2005
IX.3.3C-SYSTEM-FP	Common Block FP	04/19/2005
IX.3.3C-SYSTEM-FPLOT	Common Block FPLOT	04/19/2005
IX.3.3C-SYSTEM-FPLTAB	Common Block FPLTAB	04/19/2005
IX.3.3C-SYSTEM-FPROG	Common Block FPROG	04/19/2005
IX.3.3C-SYSTEM-FPXTYP	Common Block FPXTYP	04/19/2005
IX.3.3C-SYSTEM-FRARSW	Common Block FRARSW	04/19/2005
IX.3.3C-SYSTEM-FRCERS	Common Block FRCERS	04/19/2005
IX.3.3C-SYSTEM-FRCPTR	Common Block FRCPTR	04/19/2005
IX.3.3C-SYSTEM-FSACCO	Common Block FSACCO	04/19/2005
IX.3.3C-SYSTEM-FSACPR	Common Block FSACPR	04/19/2005
IX.3.3C-SYSTEM-FSDATA	Common Block FSDATA	04/19/2005
IX.3.3C-SYSTEM-FSGLST	Common Block FSGLST	04/19/2005
IX.3.3C-SYSTEM-FSKDATA	Common Block FSKDATA	04/19/2005
IX.3.3C-SYSTEM-FSNW	Common Block FSNW	04/19/2005
IX.3.3C-SYSTEM-FSNWUP	Common Block FSNWUP	04/19/2005
IX.3.3C-SYSTEM-FT	Common Block FT	04/19/2005
IX.3.3C-SYSTEM-FTS	Common Block FTS	04/19/2005
IX.3.3C-SYSTEM-FWYDS	Common Block FWYDS	04/19/2005
IX.3.3C-SYSTEM-FWYDAT	Common Block FWYDAT	04/19/2005
IX.3.3C-SYSTEM-KILLCD	Common Block KILLCD	04/19/2005
IX.3.3C-SYSTEM-MOD102	Common Block MOD102	04/19/2005
IX.3.3C-SYSTEM-MOD119	Common Block MOD119	04/19/2005
IX.3.3C-SYSTEM-MOD126	Common Block MOD126	04/19/2005
IX.3.3C-SYSTEM-MOD127	Common Block MOD127	04/19/2005
IX.3.3C-SYSTEM-MOD129	Common Block MOD129	04/19/2005
IX.3.3C-SYSTEM-MOD130	Common Block MOD130	05/02/2005
IX.3.3C-SYSTEM-MOD135	Common Block MOD135	04/19/2005
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IX.3.3C-SYSTEM-MOD138	Common Block MOD138	04/19/2005
IX.3.3C-SYSTEM-MOD151	Common Block MOD151	04/19/2005
IX.3.3C-SYSTEM-MODRCS	Common Block MODRCS	04/19/2005
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IX.3.3C-SYSTEM-OLDC	Common Block OLDC	04/19/2005
IX.3.3C-SYSTEM-OLDP	Common Block OLDP	04/19/2005
IX.3.3C-SYSTEM-OLDT	Common Block OLDT	04/19/2005
IX.3.3C-SYSTEM-OLDTS	Common Block OLDTS	04/19/2005
IX.3.3C-SYSTEM-OPLIST	Common Block OPLIST	04/19/2005

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IX.3.3C-SYSTEM-PUDFLT	Common Block PUDFLT	04/19/2005
IX.3.3C-SYSTEM-RESETC	Common Block RESETC	04/19/2005
IX.3.3C-SYSTEM-SNCO19	Common Block SNCO19	04/19/2005
IX.3.3C-SYSTEM-SYSBUG	Common Block SYSBUG	04/19/2005
IX.3.3C-SYSTEM-TOTERZ	Common Block TOTERZ	04/19/2005
IX.3.4B-SYSTEM	Preprocessor Data Base Read/Write Subroutine Descriptions	01/05/2005
IX.3.4B-SYSTEM-IPDCKD	FUNCTION IPDCKD	01/05/2005
IX.3.4B-SYSTEM-IPDCKR	FUNCTION IPDCKR	01/05/2005
IX.3.4B-SYSTEM-IPDFDT	FUNCTION IPDFDT	01/05/2005
IX.3.4B-SYSTEM-PDBBLOCK	BLOCK DATA PDBBLOCK	01/05/2005
IX.3.4B-SYSTEM-PDFNDI	SUBROUTINE PDFNDI	01/05/2005
IX.3.4B-SYSTEM-PDFNDR	SUBROUTINE PDFNDR	01/05/2005
IX.3.4B-SYSTEM-PDHASH	SUBROUTINE PDHASH	04/19/2005
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IX.3.4B-SYSTEM-RPDCKD	SUBROUTINE RPDCKD	01/05/2005
IX.3.4B-SYSTEM-RPDCKR	SUBROUTINE RPDCKR	01/05/2005
IX.3.4B-SYSTEM-RPDGRD	SUBROUTINE RPDGRD	01/05/2005
IX.3.4B-SYSTEM-RPDMDR	SUBROUTINE RPDMDR	01/05/2005
IX.3.4B-SYSTEM-WPDC	SUBROUTINE WPDC	01/05/2005
IX.3.4B-SYSTEM-WPDCR	SUBROUTINE WPDCR	01/05/2005
IX.3.4B-SYSTEM-WPDD	SUBROUTINE WPDD	01/05/2005
IX.3.4B-SYSTEM-WPDDLY	SUBROUTINE WPDDLY	01/05/2005
IX.3.4B-SYSTEM-WPDHSH	SUBROUTINE WPDHSH	01/05/2005
IX.3.4B-SYSTEM-WPMDR	SUBROUTINE WPMDR	01/05/2005
IX.3.4B-SYSTEM-WPDPEN	SUBROUTINE WPDPEN	01/05/2005
IX.3.4B-SYSTEM-WPDSS	SUBROUTINE WPDSS	01/05/2005
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IX.3.4C-SYSTEM	Preprocessor Data Base Read/Write Common Block Descriptions	01/05/2005
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IX.3.4C-SYSTEM-PDDTDR	Common Block PDDTDR	01/05/2005
IX.3.4C-SYSTEM-PDHSCH	Common Block PDHSCH	01/05/2005
IX.3.4C-SYSTEM-PDHSHI	Common Block PDHSHI	01/05/2005
IX.3.4C-SYSTEM-PDSIFC	Common Block PDSIFC	01/05/2005
IX.3.4C-SYSTEM-PDRRSC	Common Block PDRRSC	01/05/2005
IX.3.4C-SYSTEM-PDUNTS	Common Block PDUNTS	01/05/2005
IX.3.5B-SYSTEM	Processed Data Base Read/Write System Subroutine Descriptions	01/18/2005
IX.3.5B-SYSTEM-PCICRM	SUBROUTINE PCICRM	01/05/2005
IX.3.5B-SYSTEM-PCKDLT	SUBROUTINE PCKDLT	01/18/2005
IX.3.5B-SYSTEM-PCKDTC	SUBROUTINE PCKDTC	01/05/2005
IX.3.5B-SYSTEM-PCMPBT	SUBROUTINE PCMPBT	01/05/2005
IX.3.5B-SYSTEM-PEXPBT	SUBROUTINE PEXPBT	01/05/2005
IX.3.5B-SYSTEM-PFDFID	SUBROUTINE PFDFID	01/05/2005
IX.3.5B-SYSTEM-PFD TIC	SUBROUTINE PFD TIC	01/05/2005
IX.3.5B-SYSTEM-PFD TYP	SUBROUTINE PFD TYP	01/18/2005
IX.3.5B-SYSTEM-PFFTYP	SUBROUTINE PFFTYP	01/05/2005
IX.3.5B-SYSTEM-PGETLU	SUBROUTINE PGETLU	01/05/2005
IX.3.5B-SYSTEM-PGETTS	SUBROUTINE PGETTS	01/05/2005
IX.3.5B-SYSTEM-PGTSIL	SUBROUTINE PGTSIL	01/05/2005
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IX.3.5B-SYSTEM-PPUTTS	SUBROUTINE PPUTTS	01/05/2005
IX.3.5B-SYSTEM-PRDBLOCK	BLOCK DATA PRDBLOCK	01/05/2005
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IX.3.5B-SYSTEM-RTSRCD	SUBROUTINE RTSRCD	01/05/2005
IX.3.5B-SYSTEM-WPDBCO	SUBROUTINE WPDBCO	01/05/2005
IX.3.5B-SYSTEM-WPRDC,WPRDCF	SUBROUTINES WPRDC and WPRDCF	01/05/2005
IX.3.5B-SYSTEM-WPRDEL	SUBROUTINE WPRDEL	01/05/2005
IX.3.5B-SYSTEM-WPRDH,WPRDFH	SUBROUTINES WPRDH and WPRDFH	01/05/2005
IX.3.5B-SYSTEM-WTSRCD	SUBROUTINE WTSRCD	01/05/2005
IX.3.5C-SYSTEM	Processed Data Base Read/Write Common Block Descriptions	01/05/2005
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IX.3.5C-SYSTEM-PDFTBL	Common Block PDFTBL	01/05/2005
IX.3.5C-SYSTEM-PICDMG	Common Block PICDMG	01/05/2005
IX.3.5C-SYSTEM-PICPTR	Common Block PICPTR	01/05/2005
IX.3.5C-SYSTEM-PMAXDM	Common Block PMAXDM	01/05/2005
IX.3.5C-SYSTEM-PRDQPF	COMMON BLOCK PRDQPF	01/05/2005
IX.3.5C-SYSTEM-PREADS	Common Block PREADS	01/05/2005
IX.3.5C-SYSTEM-PTSCTL	Common Block PTSCTL	01/05/2005
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IX.3.6B-SYSTEM	Preprocessor Parametric Data Base Read/Write System Subroutine Descriptions	01/18/2005
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IX.3.6B-SYSTEM-PPFNDR	SUBROUTINE PPFNDR	01/18/2005
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IX.3.6B-SYSTEM-PPPUTR	SUBROUTINE PPPUTR	01/05/2005
IX.3.6B-SYSTEM-WPPCOF	SUBROUTINE WPPCOF	01/05/2005
IX.3.6B-SYSTEM-WPPDCH	SUBROUTINE WPPDCH	01/05/2005
IX.3.6B-SYSTEM-WPPDEL	SUBROUTINE WPPDEL	01/05/2005
IX.3.6B-SYSTEM-WPPDMT	SUBROUTINE WPPDMT	01/05/2005
IX.3.6B-SYSTEM-WPPPCO	SUBROUTINE WPPPCO	01/05/2005
IX.3.6B-SYSTEM-WPPREC	SUBROUTINE WPPREC	01/05/2005
IX.3.6B-SYSTEM-WPP1CH	SUBROUTINE WPP1CH	01/05/2005
IX.3.6B-SYSTEM-WPP1MT	SUBROUTINE WPP1MT	01/05/2005
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IX.3.6C-SYSTEM-PPMCTL	Common Block PPMCTL	01/05/2005
IX.3.6C-SYSTEM-PPPDTA	Common Block PPPDTA	01/05/2005
IX.3.6C-SYSTEM-PPUNTS	Common Block PPUNTS	01/05/2005
IX.3.6C-SYSTEM-PPXCTL	Common Block PPXCTL	01/05/2005
IX.3.7B-SYSTEM	Forecast Component Data Base Read/Write System Subroutine Descriptions	04/19/2005
IX.3.7B-SYSTEM-FCBLOCK	BLOCK DATA FCBLOCK	05/22/2002
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IX.3.7B-SYSTEM-FPUTCO	SUBROUTINE FPUTCO	12/18/2001
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IX.3.7C-SYSTEM-FCSEGN	Common Block FCSEGN	01/09/2002
IX.3.7C-SYSTEM-FCSGNN	Common Block FCSGNN	01/09/2002
IX.3.7C-SYSTEM-FRATNG	Common Block FRATNG	12/21/2001
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IX.4.3C-SYSTEM	Preprocessor Parametric Data Base System Parameter Array Contents	09/22/2004
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IX.4.3C-SYSTEM-GMDR	Preprocessor Parametric Data Base Parameter Array GMDR: WGRFC Grid System Grid Point MDR Box Parameters	09/08/2004
IX.4.3C-SYSTEM-GP24	Preprocessor Parametric Data Base Parameter Array GP24: WGRFC Grid System Station Grid Point Location Parameters	09/08/2004
IX.4.3C-SYSTEM-MARO	Preprocessor Parametric Data Base Parameter Array MARO: WGRFC Grid System Mean Areal Runoff (MARO) Area Parameters	09/08/2004
IX.4.3C-SYSTEM-OG24	Preprocessor Parametric Data Base Parameter Array OG24: WGRFC Grid System Grid Point Station Alphabetical Order Parameters	09/08/2004
IX.4.3C-SYSTEM-RFRO	Preprocessor Parametric Data Base Parameter Array RFRO: WGRFC Grid System Rainfall-Runoff Relation Constant Parameters	09/08/2004
IX.4.5C-SYSTEM	Forecast Component Data Base File Interactions	04/19/2005
IX.4.5C-SYSTEM-CGDEF	Program FCINIT Command CGDEF	04/19/2005
IX.4.5C-SYSTEM-DEF-RC	Program FCINIT Command DEF-RC	04/19/2005
IX.4.5C-SYSTEM-DELETE	Program FCINIT Command DELETE	04/19/2005
IX.4.5C-SYSTEM-FGDEF	Program FCINIT Commands FGDEF and SPECIALFG	04/19/2005
IX.4.5C-SYSTEM-RESEGDEF	Program FCINIT Command RESEGDEF	04/19/2005
IX.4.5C-SYSTEM-SEGDATE	Program FCINIT Command SEGDATE	04/19/2005
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IX.6.2-SYSTEM	Extended Streamflow Prediction (ESP) System Subroutine Descriptions	04/19/2005
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IX.6.2-SYSTEM-EACTIM	SUBROUTINE EACTIM	02/22/2005
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IX.6.2-SYSTEM-ECDFNI	FUNCTION ECDFNI	02/22/2005
IX.6.2-SYSTEM-ECHKTS	SUBROUTINE ECHKTS	02/22/2005
IX.6.2-SYSTEM-ECNV	SUBROUTINE ECNV	02/22/2005
IX.6.2-SYSTEM-ECOBCK	SUBROUTINE ECOBCK	02/22/2005
IX.6.2-SYSTEM-ECONVT	SUBROUTINE ECONVT	02/22/2005
IX.6.2-SYSTEM-EDEFSG	SUBROUTINE EDEFSG	02/22/2005
IX.6.2-SYSTEM-EDELSG	SUBROUTINE EDELSG	02/22/2005
IX.6.2-SYSTEM-EDEX01	SUBROUTINE EDEX01	03/02/2005
IX.6.2-SYSTEM-EDEX02	SUBROUTINE EDEX02	03/02/2005
IX.6.2-SYSTEM-EDFLTI	FUNCTION EDFLTI	02/22/2005
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IX.6.2-SYSTEM-EDIN02	SUBROUTINE EDIN02	02/22/2005
IX.6.2-SYSTEM-EDIS	SUBROUTINE EDIS	02/22/2005
IX.6.2-SYSTEM-EDSDRV	SUBROUTINE EDSDRV	02/22/2005
IX.6.2-SYSTEM-EDSPA	SUBROUTINE EDSPA	02/22/2005
IX.6.2-SYSTEM-EESUNT	SUBROUTINE EESUNT	02/22/2005
IX.6.2-SYSTEM-EEBLOCKU	BLOCK DATA EEBLOCKU	02/22/2005
IX.6.2-SYSTEM-EEBLOCKX	BLOCK DATA EEBLOCKX	02/22/2005
IX.6.2-SYSTEM-EFAZE0	SUBROUTINE EFAZE0	02/22/2005
IX.6.2-SYSTEM-EFAZE1	SUBROUTINE EFAZE1	02/22/2005
IX.6.2-SYSTEM-EFAZE2	SUBROUTINE EFAZE2	02/22/2005
IX.6.2-SYSTEM-EFCLST	SUBROUTINE EFCLST	02/22/2005
IX.6.2-SYSTEM-EFINTS	SUBROUTINE EFINTS	02/22/2005
IX.6.2-SYSTEM-EFNDSG	SUBROUTINE EFNDSG	02/22/2005
IX.6.2-SYSTEM-EFNORE	SUBROUTINE EFNORE	02/22/2005
IX.6.2-SYSTEM-EFREQ	SUBROUTINE EFREQ	02/22/2005
IX.6.2-SYSTEM-EGEX01	SUBROUTINE EGEX01	02/22/2005
IX.6.2-SYSTEM-EGEX02	SUBROUTINE EGEX02	02/22/2005
IX.6.2-SYSTEM-EGIN01	SUBROUTINE EGIN01	02/22/2005
IX.6.2-SYSTEM-EGIN02	SUBROUTINE EGIN02	02/22/2005
IX.6.2-SYSTEM-EGOPLT	SUBROUTINE EGOPLT	02/22/2005
IX.6.2-SYSTEM-EHEAD	SUBROUTINE EHEAD	02/22/2005
IX.6.2-SYSTEM-EHEAD1	SUBROUTINE EHEAD1	02/22/2005
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IX.6.2-SYSTEM-EIPOS	SUBROUTINE EIPOS	02/22/2005
IX.6.2-SYSTEM-ELTFIT	SUBROUTINE ELTFIT	02/22/2005
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IX.6.2-SYSTEM-EMOM2	SUBROUTINE EMOM2	02/22/2005
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IX.6.2-SYSTEM-ENFIT	SUBROUTINE ENFIT	02/22/2005
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IX.6.2-SYSTEM-EPRD02	SUBROUTINE EPRD02	02/22/2005
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IX.6.2-SYSTEM-EPRTS	SUBROUTINE EPRTS	02/22/2005
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IX.6.2-SYSTEM-ERDAN	SUBROUTINE ERDAN	02/22/2005
IX.6.2-SYSTEM-ERDCMD	SUBROUTINE ERDCMD	02/22/2005
IX.6.2-SYSTEM-ERDDFL	SUBROUTINE ERDDFL	02/22/2005
IX.6.2-SYSTEM-ERDHST	SUBROUTINE ERDHST	02/22/2005
IX.6.2-SYSTEM-EREAD	SUBROUTINE EREAD	02/22/2005
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IX.6.2-SYSTEM-ESETA	SUBROUTINE ESETA	02/22/2005
IX.6.2-SYSTEM-ESETFT	SUBROUTINE ESETFT	02/22/2005
IX.6.2-SYSTEM-ESETSM	SUBROUTINE ESETSM	02/22/2005
IX.6.2-SYSTEM-ESGCHK	SUBROUTINE ESGCHK	02/22/2005
IX.6.2-SYSTEM-ESGINF	SUBROUTINE ESGINF	02/22/2005
IX.6.2-SYSTEM-ESHFT	SUBROUTINE ESHFT	02/22/2005
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IX.6.2-SYSTEM-ESPEX	SUBROUTINE ESPEX	02/22/2005
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IX.6.2-SYSTEM-ESPWTF	SUBROUTINE ESPWTF	02/22/2005
IX.6.2-SYSTEM-ESTABL	SUBROUTINE ESTABL	02/22/2005
IX.6.2-SYSTEM-ESTRT	SUBROUTINE ESTRT	02/22/2005
IX.6.2-SYSTEM-ESTS	SUBROUTINE ESTS	02/22/2005
IX.6.2-SYSTEM-ESYMB	SUBROUTINE ESYMB	02/22/2005
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IX.6.2-SYSTEM-ETRANI	SUBROUTINE ETRANI	02/22/2005
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IX.6.2-SYSTEM-ETSRD	SUBROUTINE ETSRD	02/22/2005
IX.6.2-SYSTEM-ETSWT	SUBROUTINE ETSWT	02/22/2005
IX.6.2-SYSTEM-EUPDAT	SUBROUTINE EUPDAT	02/22/2005
IX.6.2-SYSTEM-EVAC01	SUBROUTINE EVAC01	02/22/2005
IX.6.2-SYSTEM-EVAC02	SUBROUTINE EVAC02	02/22/2005
IX.6.2-SYSTEM-EVAC03	SUBROUTINE EVAC03	02/22/2005
IX.6.2-SYSTEM-EVAC04	SUBROUTINE EVAC04	02/22/2005
IX.6.2-SYSTEM-EVAC05	SUBROUTINE EVAC05	02/22/2005
IX.6.2-SYSTEM-EVAC06	SUBROUTINE EVAC06	02/22/2005
IX.6.2-SYSTEM-EVAC07	SUBROUTINE EVAC07	02/22/2005
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IX.6.2-SYSTEM-EWRIT	SUBROUTINE EWRIT	02/22/2005
IX.6.2-SYSTEM-EWTDFL	SUBROUTINE EWTDFL	02/22/2005
IX.6.2-SYSTEM-EWTINF	SUBROUTINE EWTINF	02/22/2005
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IX.6.3-SYSTEM-EACC	Common Block EACC	02/22/2005
IX.6.3-SYSTEM-EBLEND	Common Block EBLEND	02/22/2005
IX.6.3-SYSTEM-EDATA	Common Block EDATA	02/22/2005
IX.6.3-SYSTEM-EFDATE	Common Block EFDATE	02/22/2005
IX.6.3-SYSTEM-EFUTP	Common Block EFUTP	02/22/2005
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IX.6.3-SYSTEM-EP	Common Block EP	02/22/2005
IX.6.3-SYSTEM-EPARM	Common Block EPARM	02/22/2005
IX.6.3-SYSTEM-EPERM	Common Block EPERM	02/22/2005
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IX.6.3-SYSTEM-ESP	Common Block ESP	02/22/2005
IX.6.3-SYSTEM-ESPFLE	Common Block ESPFLE	02/22/2005
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IX.6.3-SYSTEM-ETIME	Common Block ETIME	02/22/2005
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