







Definitions of terms

« raw » :	root name for image with prescan and CCD part attached together. was called rawBiasFrame in charBias.
CCD :	part of the image hit by light.
prescan :	part of the image not hit by light.
filter :	square 2D matrix of points around central point.

Names used for parameters

methodPre :	« pre » or « def ». indicates what method will be used, compute from prescan region (pre) or use default values (def).
yspre,yepre : xspre,xepre :	integers. define the prescan area.
preScanFildim :	integer. Side of the filter.
preScanRejFactor :	float. Value used to floor the rejected medians.
ronDef :	float. Default read-out noise in ADU units.
preScanTol :	float. Maximum number ou outlying bias values in prescan region.
dBiasDef :	float. difference in bias level between CCD and prescan regions. Determined in charBias program.
biasTol :	float. larger deviation of bias level as determined from prescan region.
ronTol :	float. larger deviation of read-out noise as determined from prescan region

Names used for variables

preScan :	a 2D masked array. Part of the « raw » image which does not receive an image.
preScanMedian :	a 2D masked array of floats containing filtered median from preScan.
preScanOut :	float.
preScanUse :	a 2D masked array. Usefull area of the prescan area.
biasPre :	float. Average of preScanUse.
ron :	float. read-out noise.
prescanBiasStd :	
bias :	
RawCCD :	CCD region from CCD
exp :	exposure