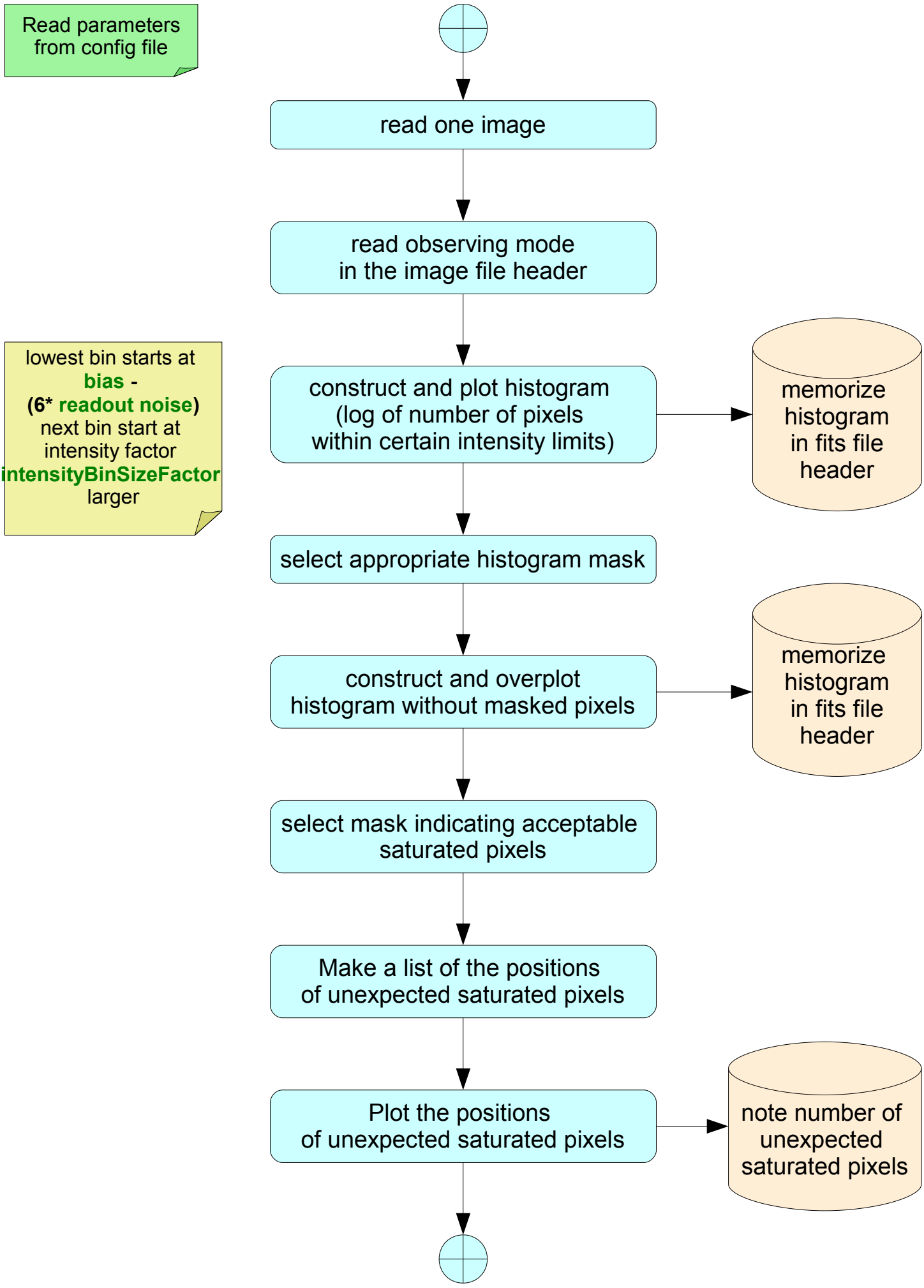
Read parameters from config file
read one image
read observing mode in the image file header
lowest bin starts at bias - (6* readout noise) next bin start at intensity factor intensityBinSizeFactor larger
construct and plot histogram (log of number of pixels within certain intensity limits)
memorize histogram in fits file header
select appropriate histogram mask
construct and overplot histogram without masked pixels
memorize histogram in fits file header
select mask indicating acceptable saturated pixels
Make a list of the positions of unexpected saturated pixels
Plot the positions of unexpected saturated pixels
note number of unexpected saturated pixels