**TABLE 1. Global FEPparm fields used by the Command Controller**

| FEPparm Substructure | Variable Name | Description |
|---|---|---|
| *bepCmd* | | Latest command received from BEP, and the FEP's reply |
| | *args* | Command/reply contents |
| | *len* | Command/reply length in fullwords |
| | *type* | Command/reply type code (see *fepBep.h*) |
| *br* | | Bias calibration parameters |
| | *bias0[4]* | Average overclock values of each output node for the first data frame used for bias calibration |
| | *biassum* | Checksum of bias0 values, initialized to `0xffffffff` unless valid bias parameters are extracted from I-cache |
| *ex* | | `FEPexpRec` exposure record |
| | *expnum* | Current exposure frame |
| | *timestamp* | Current frame's arrival time |
| | *type* | Initialized to FEP_EXPOSURE_REC |
| *exend* | | `FEPexpEndRec` end-of-exposure record |
| | *type* | Initialized to FEP_EXPOSURE_END_REC |
| *fepStatus* | | FEP status reported to BEP |
| | *biasflag* | `TRUE` if a valid bias map exists, else `FALSE` |
| | *mode* | Initialized to zero |
| | *parityplane* | Address of the start of the bias parity plane |
| | *bias0[4]* | Initialized to *bias0[4]*, if bias valid, otherwise zeroes |
| *flags* | | Flag bits defined in *fepCtl.h* |
| | *FP_SUSPEND* | BEP has sent BEP_FEP_CMD_SUSPEND |
| | *FP_TERMINATE* | BEP has sent BEP_FEP_CMD_STOP |
| *tp* | | Exposure parameter block |
| | *btype* | Initialized to FEP_NO_BIAS (see *fepBep.h*) |
| | *ncols* | Number of pixels per output node |
| | *quadcode* | Output node clocking mode (see *fepBep.h*) |
| | *type* | Initialized to FEP_NO_PARM (see *fepBep.h*) |
| *fidpix[MAX_FID_PIX]* | | Row and column addresses of fiducial pixels. |
| *nfidpix* | | Number of fiducial pixels to be reported in timed-exposure event detecting modes, set by the most recent call to `fepCreateFidPix`. |
| *nextexpnum* | | Next possible frame number to be processed, set by a call to `fepEnableNextFrame` |