|  |  |  |  |
| --- | --- | --- | --- |
| Col# | Heading | Format | Description |
| 1 | Year | Integer | Year of data acquisition |
| 2 | mm:dd:hh:mm:ss | Integer+float | Month-day-hour-minute-sec(sec is float to milliseconds) |
| 3 | ROI# | Integer | ROI Number in frame |
| 4 | ArrTime | Integer | Arrival time in μsec |
| 5 | TS | Integer | Total strobe count |
| 6 | DeadTime | Float | Deadtime in milliseconds |
| 7 | Length | Float | Maximum length in μm |
| 8 | Width | Float | Orthogonal width in μm |
| 9 | Area | Float | Aera in sq. μm |
| 10 | Perim | Float | Perimeter in μm |
| 11 | Rndness | Float | Roundness measure |
| 12 | Focus | Integer | %focus 0-100 mean of 20 points on perimeter (255 indicates failure) |
| 13 | Cutoff | Integer | Cut-off-percentage that particle is cut-off optically |
| 14 | Crystal | Integer | Crystal type – number specifying crystal type   1. Ice   1 Water   1. Rejected particles |
| 15 | P1 | Float | Used for internal purposes |
| 16 | Inten\_Holeless\_Stats | Float array | Intensity\_HoleLess\_stats   1. N size of sample set 2. Min Minimum value 3. Max Maximum value 4. Mean Mean value 5. Median Median value 6. Mode Mode 7. Std Dev Standard Deviation 8. Skewness Skeviation 9. Kurtosis Kurtosis |
| 17 | HrmCnt | Integer | Harmonics count – size of Harmonics array (variable) |
| 18 | h1 | Float | Hole 1 area – area of hole |
| 19 | h2 | Float | Hole 2 area – area of hole |
| 20 | h3 | Float | Hole 3 area – area of hole |
| 21 | h4 | Float | Hole 4 area – area of hole |
| 22 | h5 | Float | Hole 5 area – area of hole |
| 23 | h6 | Float | Hole 6 area – area of hole |
| 24 | SX | Integer | Start X upper left corner of roi (relative to CCD frame) |
| 25 | SY | Integer | Start Y upper left corner of roi (relative to CCD frame) |
| 26 | EX | Integer | End X upper left corner of roi (relative to CCD frame) |
| 27 | EY | Integer | End Y upper left corner of roi (relative to CCD frame) |

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