

Product Format and Definition Changes with Release-19

NOTE: References to GLAS binary product names GLA01 to GLA15 refer to original GLAS binary data, and are retained here for informational and provenance purposes. Access to GLAS binary data was removed 01 August, 2017. All GLAS data are available in HDF5 format, products GLAH01 to GLAH15.

1 GLA01-04

- `i_GainShiftFlg` : added to GLA01, partially replacing spare2.
- `i_inst_state` : spares changed from 1 to 0 (reflects throughout rest of products).
- `i_boxX` : updated description on GLA04_01.
- `i_boxY` : updated description on GLA04_01.
- `i_PixInt` : updated description on GLA04_01.
- `i_T0_SA` : updated description on GLA04_02.
- `i_lrs_RowRow` : updated description on GLA04_02.
- `i_lrs_RowCol` : updated description on GLA04_02.
- `i_VTCentR` : updated description on GLA04_02.
- `i_VTCentC` : updated description on GLA04_02.

2 GLA05

- `i_parm1` : changed units to 0.0001 volts, $6 \times (0.0001 \text{ volts}, 0.01 \text{ ns}, 0.01 \text{ ns})$
- `i_parm1` : changed min values to -30, $6 \times (0, -100000, 0)$
- `i_parm1` : changed max values to 30000, $6 \times (30000, 0, 32766)$
- `i_parm2` : changed units to 0.0001 volts, $6 \times (0.0001 \text{ volts}, 0.01 \text{ ns}, 0.01 \text{ ns})$
- `i_parm2` : changed min values to -30, $6 \times (0, -100000, 0)$
- `i_parm2` : changed max values to 30000, $6 \times (30000, 0, 32766)$
- `i_solnSigmas1` : changed units to 0.0001 volts, $6 \times (0.0001 \text{ volts}, 0.001 \text{ ns}, 0.001 \text{ ns})$; max values to 30000, $6 \times (30000, 3000, 3000)$.
- `i_solnSigmas2` : changed units to 0.0001 volts, $6 \times (0.0001 \text{ volts}, 0.001 \text{ ns}, 0.001 \text{ ns})$; max values to 30000, $6 \times (30000, 3000, 3000)$.
- `i_parmTr` : changed max to 30000, 30000, 4800, 32766.
- `i_PODFixedPos` : changed units to $3 \times (\text{m}, \text{mm})$
- `i_tpCentX` : added, replacing spare7.
- `i_tpCentY` : added, replacing spare8.
- `i_tpOrX` : added, replacing spare2.
- `i_RMSpulseWd` : added, partially replacing spare6.

3 GLA07-11

- i_cld1_mswf : updated documentation on GLA11.
- i_cld1_od : updated units to unitless*1000 on GLA11.
- i_aer4_od : updated units to unitless*1000 on GLA11.
- i_pbl4_od : updated units to unitless*1000 on GLA11.
- i_surfType : added, partially replacing spare1.

4 GLA06, 12-15

- i_cld1_mswf : updated documentation.
- i_reflCor_atm : updated name and description.
- i_AvgElev : removed from GLA13.
- i_SiRufMaxPk : added, replacing i_AvgElev and spare7 on GLA13.