Initial Gaia Source List IGSL 10/2006

- Act as a base for the matching of GAIA observations
- Provide an early base from which to recognize science alerts such as SNs, Solar System objects, novae and other large variables, etc
- Allow a pre-matching of the numerous auxiliary catalogs (reference catalogs from all CUs) to the provisional GAIA object names;
- This pre-matching will clean and homogenize the auxiliary data and allow us to minimize and investigate mismatches before launch
- Simplify the software development and act as a sanity check during the mission especially First Look;
- Provide cross reference material for GAIA uses such as multi band magnitudes and data mining;
- Allow transit predictions for the purpose of charge-transfer history tracking, especially early in the mission when the Gaia
- A subset of the IGSL will form the Attitude Star Catalog -> IDT

IGSL Progress + Future

- 2007 IGSL 1.0 produced (Tycho/UCAC/SDSS/QSO/GSC)
- 12/2007 Delivered to ESTEC
- 2008 IGSL – Aux Cat Xmatch tool produced

- 11/2008 Xmatch and IGSL 1.0 Assessment
- 05/2009 Attitude Star Catalog 1.0 to ESTEC
- 11/2009 IGSL 2.0 to ESTEC
- 05/2010 Definitive IGSL + ASC subset

Initial Gaia Source List 10/2008

- Act as a base for the matching of GAIA observations
- Provide an early base from which to recognize science alerts such as SNs, Solar System objects, novae and other large variables, etc
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