

Attachment E

**LEVEL-1B CALIBRATION ALGORITHM
BETA-2 DELIVERY
DESIGN
10-11-94**

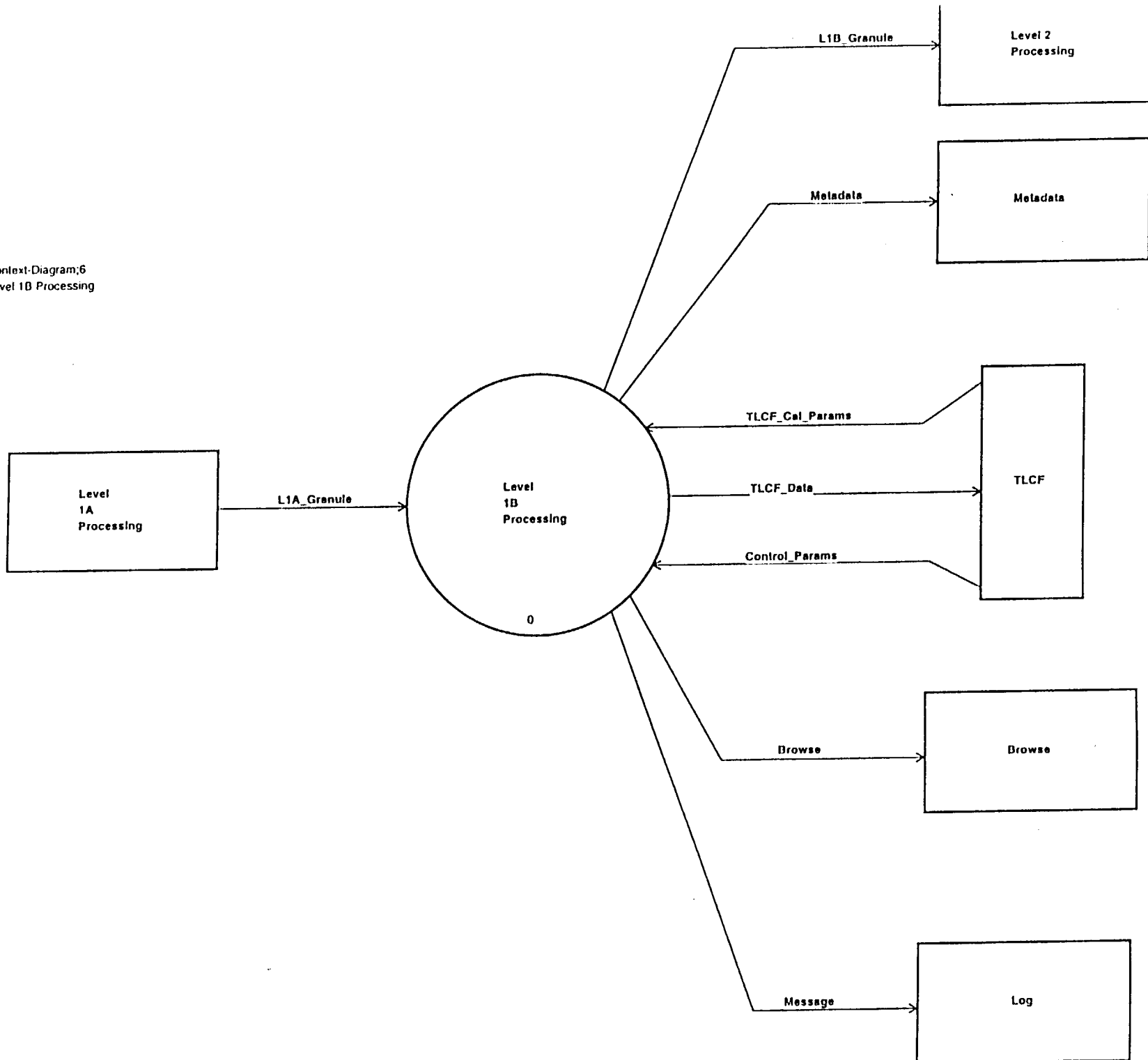
Level 1B Software Milestones

Beta 2 Delivery	October, 1994
Beta 3 Delivery	April, 1995
Version 1 Delivery	February, 1996
Version 2 Launch Ready Delivery	February, 1997
Version 2.1 Pre-Launch Update	February, 1998
Version 2.2 Post A&E (Launch + 6 months)	June, 1998

11 OCT 94

Calibration Discipline Group Meeting

Context-Diagram:6
Level 1B Processing



0,15
Level 1B Processing

* in *

ControlParams

CalParams

L1A

* out *

L1B

Metadata

TLCFData

Browse

Message

TLCF_Cal_Params +
Control_Params

L1A_Granule

Metadata +
Browse +
L1B_Scan +
L1B_Granule_Header

Across_Granule_Rec

Message

L1A_Scan +
L1A_Granule_Header +
Single_Scan_Cal_Params +
Control_Params

I/O

3

Metadata +
Browse +
L1B_Granule

TLCF_Data

Message

Across_Granule_Cal_Params

Message

Across_Granule_Rec

Autonomously_
Generated_
Params

TLCF_Data

With In
Granule
Processing

1

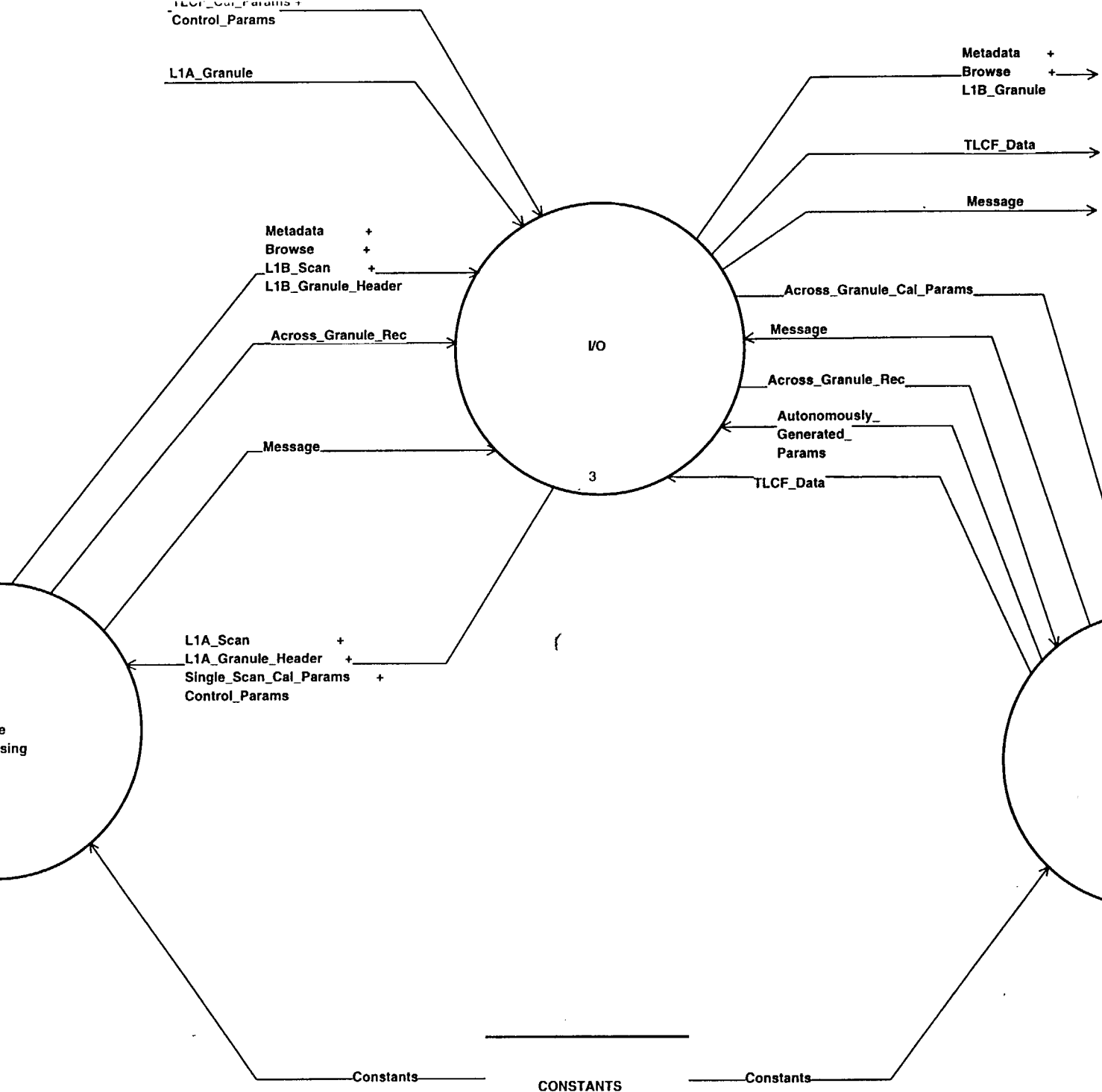
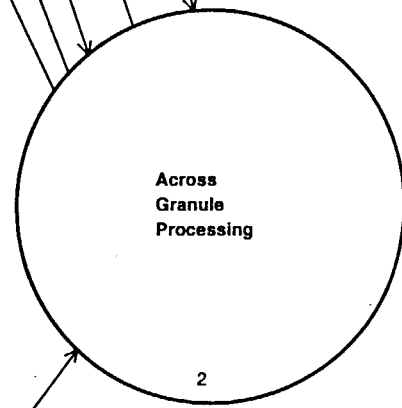
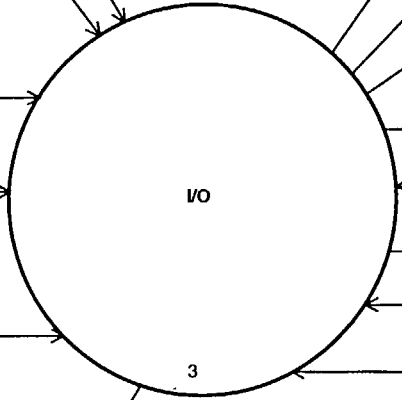
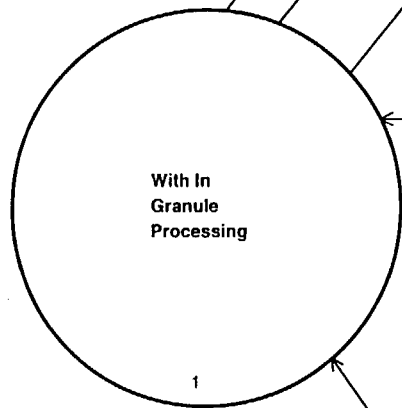
Across
Granule
Processing

2

Constants

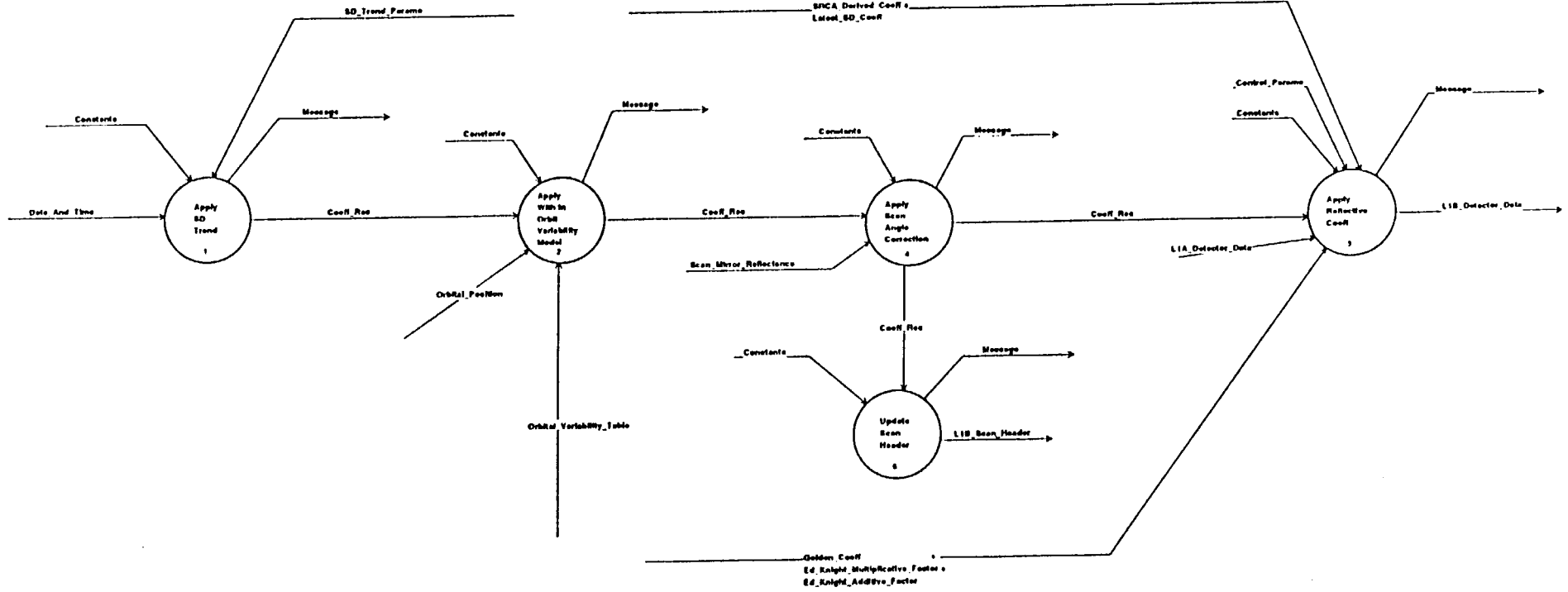
CONSTANTS

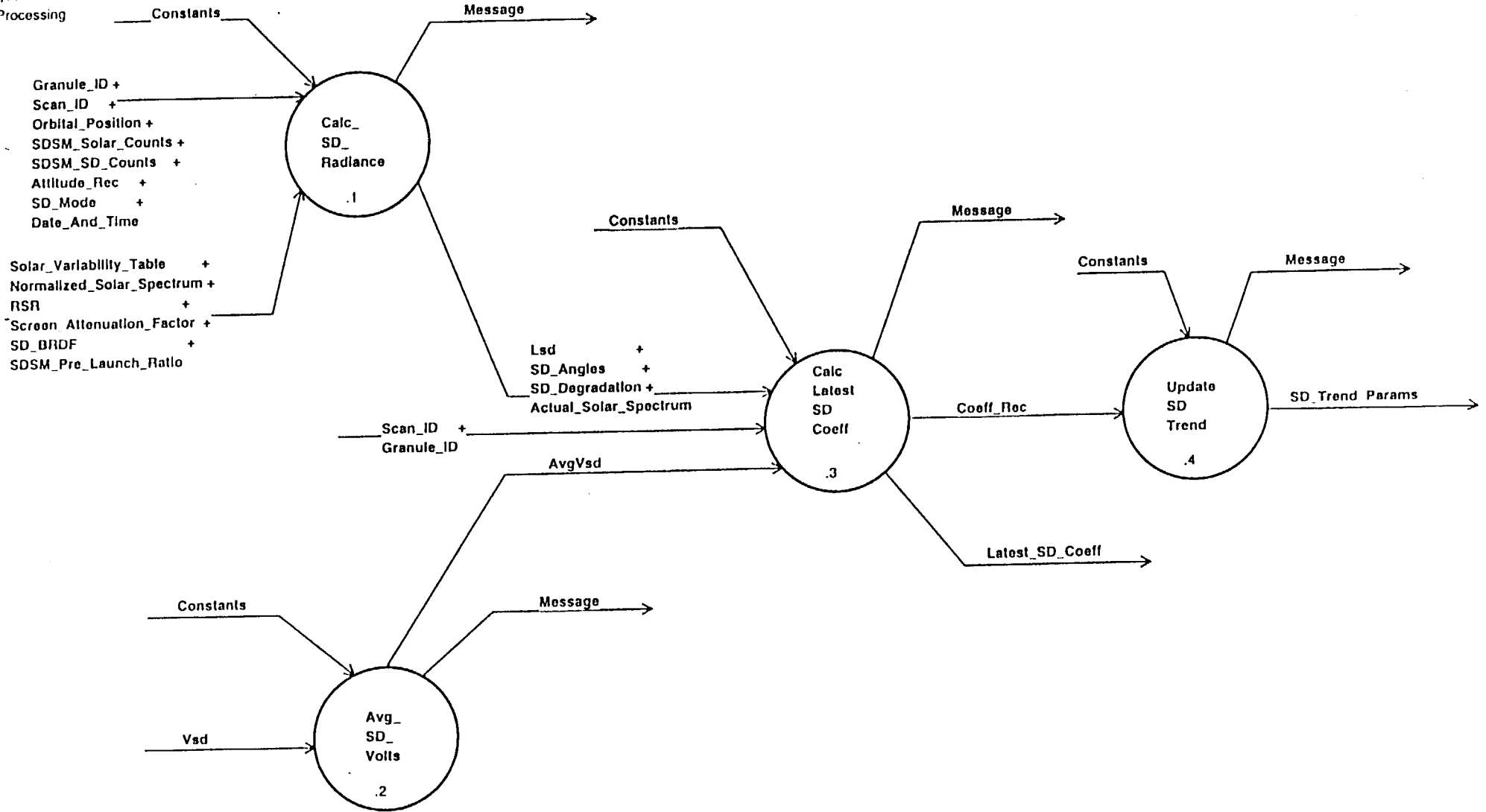
Constants



111338
 Reflective Calibration

- Control Param
- Constants
- Cal Param
- Derived, Housekeeping
- L1A Detector Data
- AngVib
- L1B
- AngVib
- L1C
- Message
- L1B Detector Data
- L1CF, Scan Acc





2111.5
Calc_SD_Radiance

* In *

- SDSM_Solar_Counts
- SDSM_SD_Counts
- Solar_Variability_Table
- Normalized_Solar_Spectrum
- RSR
- Screen_Attenuation_Factor
- SQ_BRDF
- SDSM_Pre_Launch_Ratio
- Constants
- Orbital_Position
- SDSM_Rec
- Altitude_Rec
- Date_And_Time
- SD_Angles

* out *

- Message
- Across_Granule_Rec

