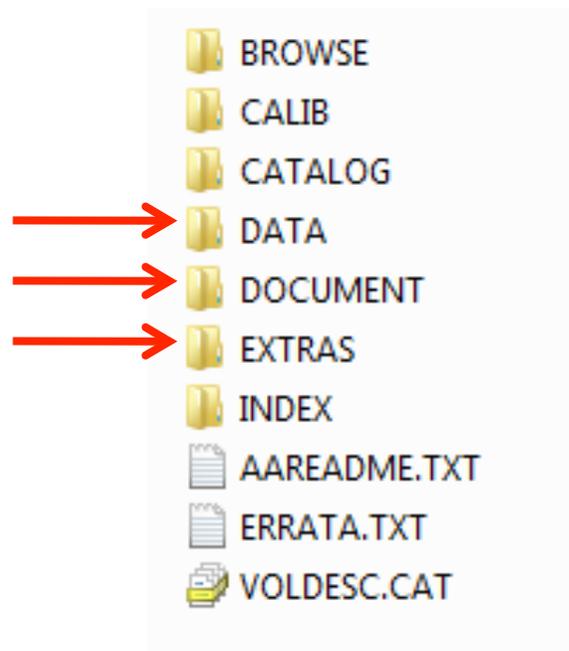


Archive Status & Data Set Overview RSI

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SWT #48

Data Set Content



DOCUMENT: Descriptions of Instrument, Experiment, Calibrations, Software used, ...

EXTRAS: Logfiles, Kernels for geometric informations

DATA:

Level 1a: raw groundstation data (ASCII, BIN)

Level 1b: renamed, readable, ASCII data

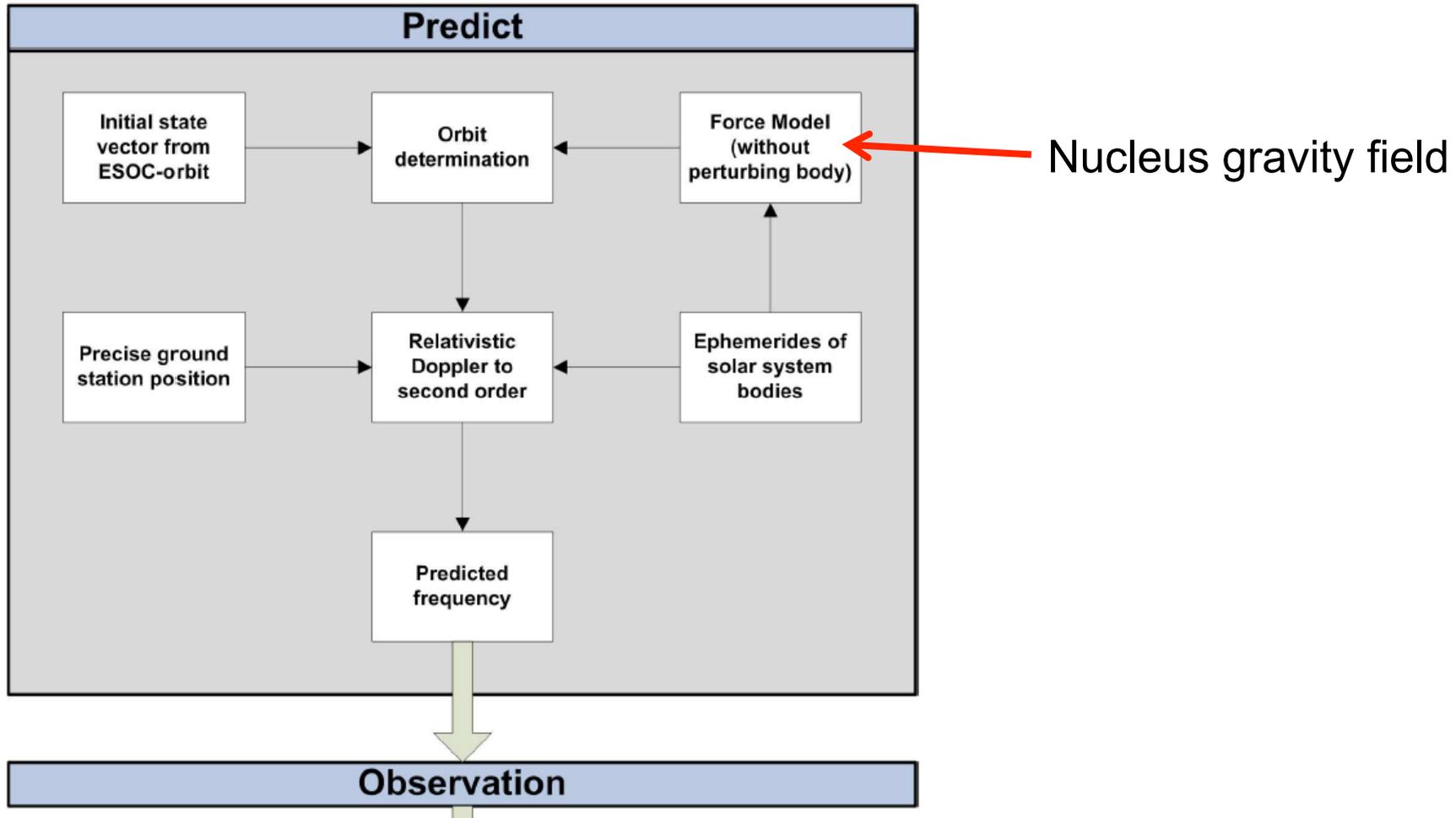
Level 2: physically meaningful data, calibrated

R84ICL3L02_D2X_142180107_00.LBL

R84ICL3L02_D2X_142180107_00.TAB

⇒ time stamps, uplink frequency, sky-frequency, calibration, signal power level, ...

Data Usage



Backup Slides

'Raw' Data Types BSR

(1 of 2)



Type	Description
BCK	Spacecraft attitude (SPICE kernel)
BRO	Quick look plots of open loop data
BSP	Spacecraft and planetary ephemerides (SPICE kernel)
DKF	DSN keyword file
ENB	Experimenters notebook (text file)
EOP	Earth orientation parameters
FRK	Frames kernel (SPICE)
GNC	Gain correction parameters (for BSR calibration)
HEA	Health report (text file)
ION	Ionosphere calibration file
LIT	Light time file

'Raw' Data Types BSR

(2 of 2)



Type	Description
LSK	Leap seconds kernel (SPICE)
MFT	Manifest file (for aggregating archive into PSA data sets)
NMC	Network Monitor and control log
ODF	Orbit data file
OPT	Orbit propagation and timing file
PCK	Planetary constants file (SPICE kernel)
RSR	Radio science receiver file (open loop data)
SCK	Spacecraft clock conversion file
SOE	Sequence of events file
SRF	Spectrum equalization file (for BSR calibration)
TNF	Tracking and navigation file
TRO	Troposphere calibration file
WEA	DSN complex weather file

‘Level 2’ Data Types BSR

Type	Description
BRS	BSR echo spectrogram
SPC	BSR power and cross-spectra (from BSR)
SRG	BSR geometry