	Product Version"b"	Product Version “c"
Orbit	EIGEN-CG03C Gravity Field DORIS tracking data for IGDRs. DORIS+SLR+GPS tracking data for GDRs.	EIGEN-GL04C Gravity Field DORIS tracking data for IGDRs. DORIS+SLR+GPS tracking data for GDRs.
Altimeter Retracking	MLE4 + 2nd order Brown model. : MLE4 simultaneously retrieves the 4 parameters that can be inverted from the altimeter waveforms: epoch, SWH, Sigma0 and mispointing angle. This algorithm is more robust for large off-nadir angles, (up to 0.5°, as encountered in August-September 2005)	Identical to Version “b”
Altimeter Instrument Corrections	Consistent with MLE4 retracking algorithm.	Identical to Version “b”, A new correction is available in the product to account for apparent datation bias (field 28). This correction has to be added to the altimeter range.
Jason Microwave Radiometer Parameters	Using calibration parameters derived from cycles 1-115.	Using calibration parameters derived from cycles 1-TBD
Dry Troposphere Range Correction	From ECMWF atmospheric pressures and model for S1 and S2 atmospheric tides.	From ECMWF atmospheric pressures and model for S1 and S2 atmospheric tides. Reprocessed using new ECMWF delivery to correct for spurious oscillation effects
Wet Troposphere Range Correction from Model	From ECMWF model.	Identical to Version “b”
Back up model for Ku-band ionospheric range correction.	Derived from DORIS measurements.	Derived from JPL GIM maps
Sea State Bias Model	Empirical model derived from cycles 11-100 of MLE3 altimeter data with version "b" geophysical models"	Empirical model derived from cycles 11-100 of MLE4 altimeter data with version "c" geophysical models"
Mean Sea Surface Model	CLS01	Identical to Version “b”
Along Track Mean Sea Surface Model	None (set to default)	None (set to default)
Geoid	EGM96	Identical to Version “b”
Bathymetry Model	DTM2000.1	Identical to Version “b”
Mean Dynamic Topography	None (was a spare)	RIO 2005 solution

	Product Version"b"	Product Version “c"
Inverse Barometer Correction	Computed from ECMWF atmospheric pressures after removing S1 and S2 atmospheric tides.	Identical to Version “b” but using new ECMWF delivery to correct for spurious oscillation effects
Non-tidal High-frequency Dealiasing Correction	Mog2D ocean model on GDRs, none (set to default) on IGDRs. Ocean model forced by ECMWF atmospheric pressures after removing S1 and S2 atmospheric tides.	High resolution Mog2D model for both IGDR and GDR products.
Tide Solution 1	GOT00.2 + S1 ocean tide . S1 load tide ignored.	Identical to Version “b”
Tide Solution 2	FES2004 + S1 and M4 ocean tides. S1 and M4 load tides ignored.	FES2004 + S1 and M4 ocean tides. S1, K2 and loading tides being updated
Equilibrium long-period ocean tide model.	From Cartwright and Taylor tidal potential.	Identical to Version “b”
Non-equilibrium long-period ocean tide model.	Mm, Mf, Mtm, and Msqm from FES2004.	Identical to Version “b”
Solid Earth Tide Model	From Cartwright and Taylor tidal potential.	Identical to Version “b”
Pole Tide Model	Equilibrium model.	Identical to Version “b”
Wind Speed from Model	ECMWF model	Identical to Version “b”
Altimeter Wind Speed Model	Derived from version “a” Jason-1 GDR data.	Identical to Version “b”
Rain Flag	Derived from version “a” Jason-1 GDRs.	Derived from version “b” Jason-1 GDRs using the AGC instead of sigma naught values
Ice Flag	Climatology table	New flag based on the comparison of the model wet tropospheric correction and of a radiometer bi frequency wet tropospheric correction (derived from 23.8 GHz and 34.0 GHz),and accounting for a backup solution based on climatologic estimates of the latitudinal boundary of the ice shelf, and from altimeter wind speed.