

GGFC Structure

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Previously

GGFC

Oceans

Atmosphere

Hydrology

Tides

Loading

Gravity

Mantle

Core

active and required
given
the precision of
geodetic techniques

belong to other
SB's

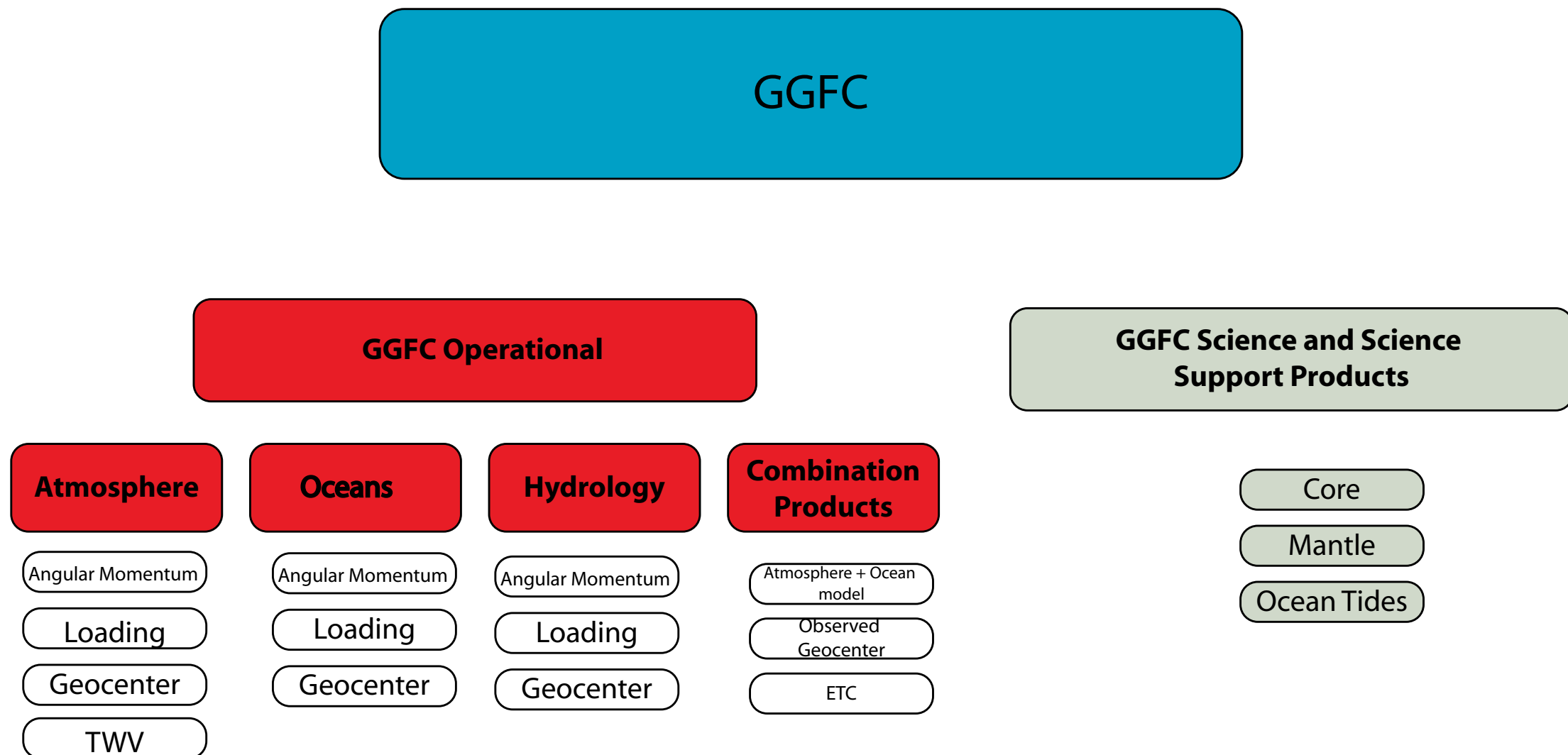
models that don't
change frequently

Motivation for Reorganization

- lack of involvement of many SB chairs
- lack of cooperation between community and existing SB's
- new products required by community, e.g., mapping functions and zenith delays, atmospheric tidal models, other new products not yet considered
- it is difficult to bring in new active groups producing operational products that should be considered as part of the GGFC

New Structure

- discussed within the IERS DB for at least 2 years



New Structure

- SBA, SBO, SBH, and SBCP: Super SB's
 - Chairs that help decide the appropriateness of new product centers within the Super SB's
 - work with new product centers to obtain accreditation
 - report to the IERS on the incorporation of new products into the SB
- still requires formalization of new product centers

Accreditation of new product centers: two phase process

- Phase 1: Call => proposal => IERS DB accepts or rejects proposal
 - acceptance = Phase 2
- Phase 2:
 - demonstrate accuracy, availability, latency, etc. of the product over several months (min 6 mon/max 24 mon.)
 - evaluation positive, then the product becomes an official, operational IERS product

Timeline

- Call went out in May with a deadline for July
- Proposals reviewed in the Fall
- Accepted in October
- A subset of the products will be available in January

Proposals Received

- Chairs: Salstein, Gross, Chen, van Dam
- Products
 - from previous SB's
 - new: Loading (NTOL and HL), AM (Thomas), ZD and VMF1 (Boehm), AOD (Flechtner)

SBA	SBO	SBH	SBCP	Research Products
AAM-Salstein	EAM-Gross	EAM-Chen	GRACE Mass-van Dam	atmospheric models-Salstein
VMF1-Boehm	OL-van Dam	Data-Chen	Combined mass model MTS-van Dam	
ZD-Boehm		HL-van Dam	GRACE AOD-Loading	
ATML-van Dam			GRACE AOD-Flechtner	
			Combined AM - Thomas ??	

Missing

- Chair for the Research Products
- Ocean Tides
- Mantle
 - ice histories
 - GIA for various Earth models
- Core
- Cryospheric angular momentum
- Geocenter

Call for new proposals

- Every year (?) we will have a new call --- time to be decided
 - all new proposals will need to be approved by the DB
 - with the SB chairs in place, we may not need to have outside reviews, except in the case of a potential conflict of interest
 - Now that we have a basic structure, we need to fill in identifiable gaps --- recruit!
- Please contact myself, Marcus, Chopo, Bernd, or any SB chairs with new ideas