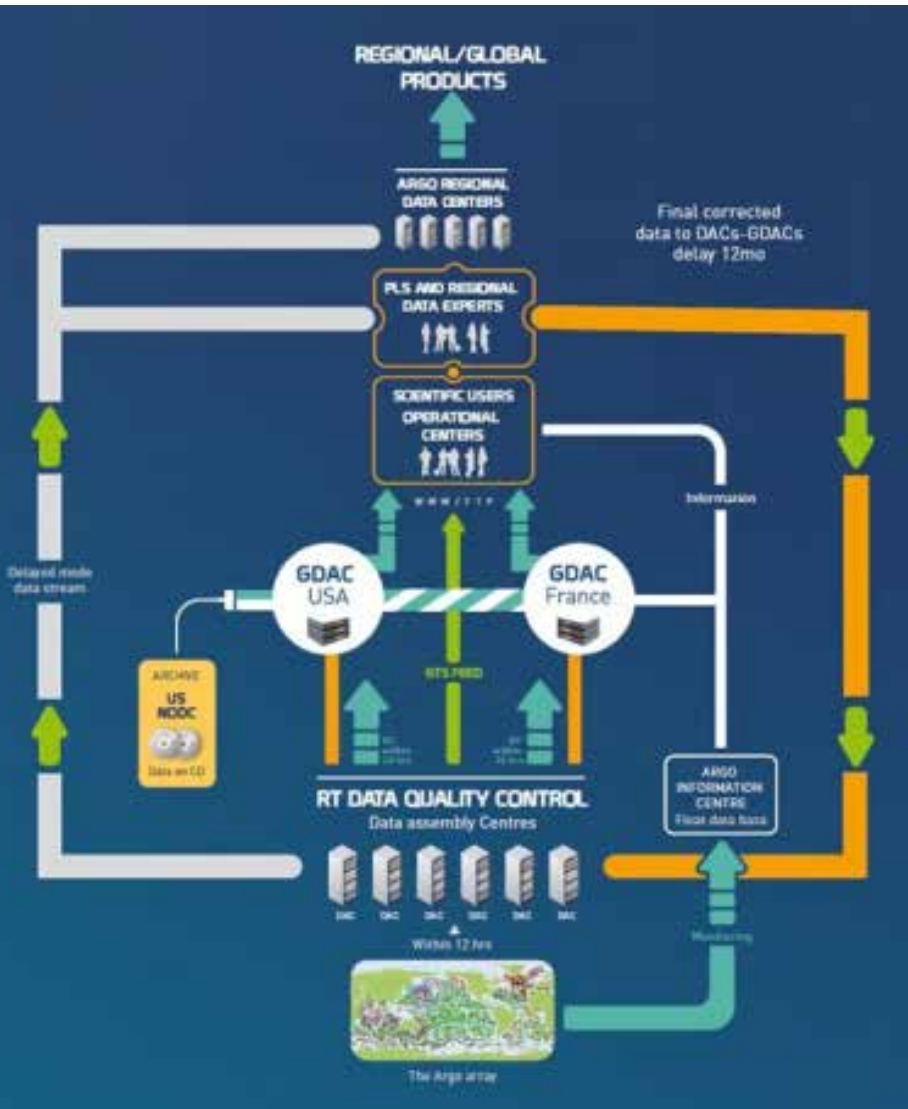- Distributed system
- Basic Service
  - FTP at GDAC
  - Metadata-Profile-Trajectory-Technical information
  - Same format
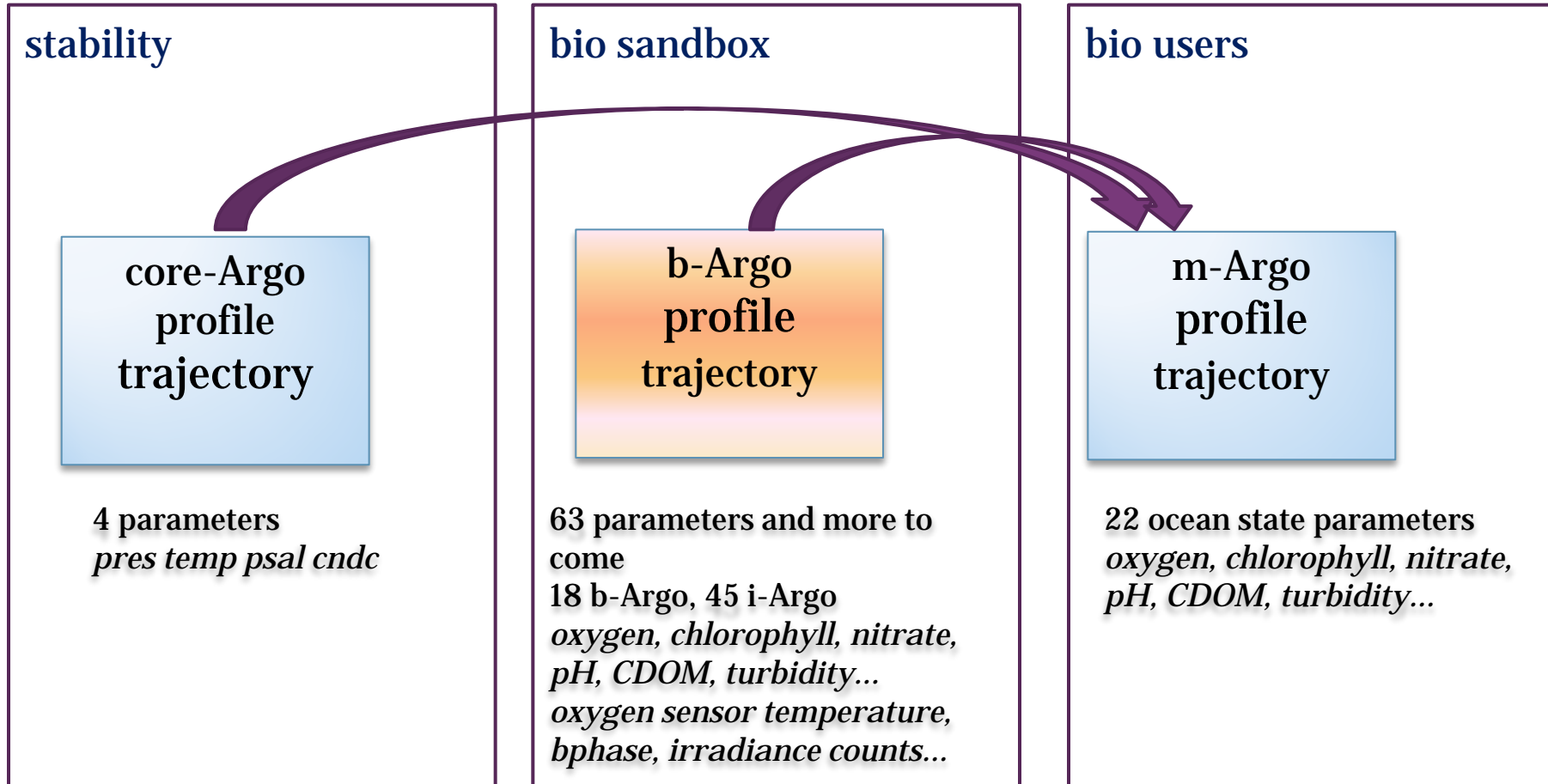 - Same QC method in Real –Time and Delayed MODE => Qc flags
  - All documentation at http://www.argodatamgt.org

1. T&S with basic metadata information : all measured information are provided
2. More standardisation of the metadata and techn,ical information to allow failure analysis at the Argo network level (AIC and GDAC)
3. More requirement in term of Quality Assessment
   1. NRT at DAC
   2. T&S Monthly Check at GDAC with Objective analysis checks
   3. T&S Quarterly check with Altimetry
   4. Delayed mode QC with the OW method for Salinity
4. Capability to manage mission change made using 2-way communications
5. Managing more parameters in particular with BIO

Argo formats 3.1 core/bio data

stability

core-Argo profile trajectory

4 parameters
pres temp psal cndc

bio sandbox

b-Argo profile trajectory

63 parameters and more to come
18 b-Argo, 45 i-Argo
oxygen, chlorophyll, nitrate, pH, CDOM, turbidity...
oxygen sensor temperature, bphase, irradiance counts...

bio users

m-Argo profile trajectory

22 ocean state parameters
oxygen, chlorophyll, nitrate, pH, CDOM, turbidity...

Details on User's manual, chapter 2.6 "B-Argo profile and trajectory format additional features"
FAQ at AST WWW site : http://www.argo.ucsd.edu/Data_FAQ.html#v3stat

- Challenges is to be able to handle the evolution of Argo with the same level of service in terms of
  - homogeneous access even with distributed processing
  - Common procedures for all parameters

- How far do we need to go in term of Delayed Mode QC
  - Do we need to provide delayed mode trajectories
  - Is it possible to provide delayed mode QC for all Bio parameters using common procedures
- FTP but what else would be really helpful at GDAC ?
- DOI on monthly snapshot at GDAC , do you use them?