G-XIX:
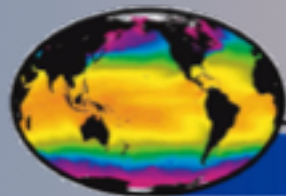# Proposal for GHRSST L2C format

To provide operational users and the science community with the SST measured by the satellite constellation
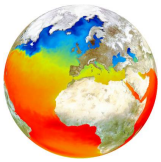
GHRSST
Group for High Resolution Sea Surface Temperature

CE☉S
Committee on Earth Observation Satellites
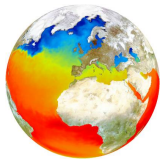Sea Surface Temperature Virtual Constellation

Introduction

- NOAA proposes a new GHRSST data format, L2C
  - For data collated in time on source data grid

- Current method collates BTs and then retrieves SST
  - Preferable to collating L2P – improved product

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http://www.ghrsst.org

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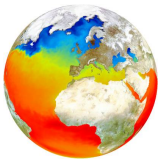Sea Surface Temperature Virtual Constellation

Impact

- Requires evolution of GDS to GDS2.1
  - Addition of L2C (or L2T, Level 2 temporal)
  - Update to all product level specifications (to avoid ambiguity)

- Would mean GHRSST diverts from general consensus that any form of collation should be Level 3
  - Can argue that single retrieval from collated/sub-sampled BTs is actually L2P

- Will need to be resourced

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Way forward

- ## Science Team to vote

  - Should the GDS be updated to include the new L2C data format?

  - Should the new format be called L2T to avoid confusion with "C"?