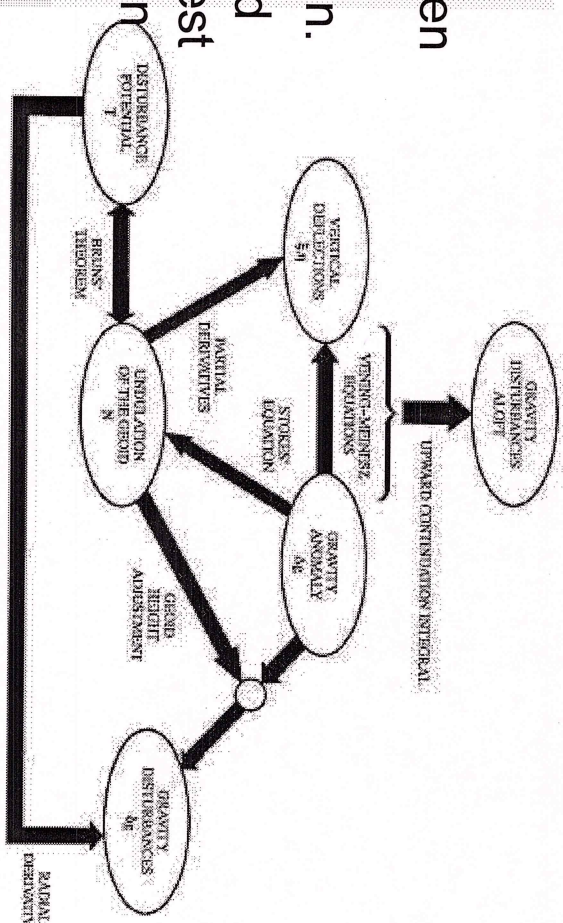


# Gravity Modeling Activities

- Track development of new altimeter-only maps by academic and government agencies and assess applicability to Trident Weapon System requirements
- All use altimeter data from multiple satellite altimeter missions
- Map making methods include:
  - Horizontal derivatives of along-track sea-surface heights interpolated onto regular grid then converted to east and west components of vertical deflection.
  - Sea-surface heights interpolated onto a regular grid. East and west components of vertical deflection derived by taking horizontal derivatives
- Differences between altimeter-only maps and tactical map are generally small



good & 57  
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