Model SST field - Inner and Outer Domain

Inner Domain SST is inside the box superimposed on the Outer Domain SST at the same time for a model time of 10 Oct 2008
Sea Surface Temperature (VOCALS-Rex Campaign)
1. Shoaling of the thermocline (W to E)
2. Salinity Decrease (W to E)
3. Shallower Mixed Layer (W to E)
4. Large flow variability
Temperature [°C] and salinity distributions for a meridional section 100 nm off the Southamerican coast during September-October 2008 [CPPS, 2009]

VOCALS

ESPIW/SAAW
Eastern South Pacific Intermediate Water

STSW
Subtropical Surface Water

ESSW
Equatorial Subsurface Water
The ocean setting
The ocean setting
Hydrographic and Velocity Observations during VOCALS-Rex
Upper Ocean Structure Modulation by Eddies