

Biology/Geography:

Task: Conduct chemical analysis of sediment and biological tissue samples collected in Honduras by NOAA and other agencies.

This task is in support of the following objective of the Gulf of Fonseca Contaminant Survey and Assessment: "Determining the distribution and magnitude of contaminants in sediment and biota of the Gulf of Fonseca". The purpose of this task is to determine concentrations of contaminants in sediment and biological tissue.

Legal/accounting:

"Excepted tax," as used in this clause, means social security or other employment taxes, net income and franchise taxes, excess profit taxes, capital stock taxes, transportation taxes, unemployment compensation taxes, and property taxes. "Excepted tax" does not include gross income taxes levied on or measured by sales or receipts from sales, property taxes assessed on completed supplies covered by this agreement, or any tax assessed on Contractor's possession of, interest in, or use of property.

Computing

HP Palmtop Reader

The palmtop seal reader features an LCD display and keyboard. The shift key is *sticky*, meaning it does not have to be held down while other keys are depressed. The reader operates on two 1.5V AA batteries with an additional 3 Volt CR2032 battery to maintain data integrity. The seals hold the last 255 events, but the HP Palmtop only shows the last ten.

* Seal in this context means an electronic entry protection device.

Technology (Fish processing):

Preventing muscle proteins from denaturation during frozen storage is a fundamental of frozen surimi production. Anti-denaturant additives, or cryoprotectants are added to the unstable washed mince prior to freezing. Sugar, the most important component comprises 8-10% of commercial frozen surimi. Half of the sugar is provided by sorbitol in order to avoid an excessively sweet taste and a brownish color in the surimi product. The content of polyphosphate ranges between 0.25-0.30%. Polyphosphate is used to equalize the binding of water and adjust the pH.