# Centralized Cruise Database PL/SQL Coding Conventions

## Overview:

When developing PL/SQL code it is important to use consistent coding conventions so that packages, procedures, and functions are easily understandable. Consistent prefixes and suffixes can be used to differentiate between different types of objects. The underscore character should be used to separate the various abbreviations for objects. For all installed database modules refer to the corresponding modules’ PL/SQL coding conventions documentation. Each database project should have the major components of their PL/SQL coding conventions documented. This document defines the PL/SQL coding conventions for the Centralized Cruise Database (CCD).

## Resources:

* [Database Documentation](Centralized%20Cruise%20Database%20-%20Technical%20Documentation.docx)
* [PL/SQL Coding Conventions Guidance](https://docs.google.com/document/d/1qndc0CAiTwtHiN0czf5fH9wzn_8PNLQxFr7uYva7x7A/edit?usp=sharing)

## Coding Conventions:

### Object Prefixes:

* + CCD: Centralized Cruise Database

### Object Suffixes:

* + FN: Function
  + PKG: Package
  + SP: Stored Procedure

### Variable Prefixes:

* + P: function/procedure parameter
  + V : function/procedure variable

### Abbreviations:

* + ASSOC: Associated
  + CATS: Categories
  + CONT: Contact
  + CURR: Current
  + DELIM: Delimited
  + DESC: Description
  + DIV: Division
  + DVM: Data Validation Module
  + ERR: Error
  + ESA: Endangered Species Act
  + EXEC: Execute
  + EXP: Expected
  + FREQ: Frequency
  + FSSI: Fish Stock Sustainability Index
  + ID: Identifier
  + MMPA: Marine Mammal Protection Act
  + MSG: Message
  + NUM: Number
  + OBJ: Objective
  + OPTS: Options
  + OTH: Other
  + PLAT: Platform
  + PK: Primary Key
  + RC: Return Code
  + QC: Quality Control
  + PRE: Preset
  + REF: Reference
  + RET: Return
  + SP: Stored Procedure
  + SUCC: Success
  + SVY: Survey
  + TAB: Table
  + TEMP: Temporary
  + TGT: Target
  + VAL: Value