# Cruise Name Alias Documentation

Overview:

Cruise Name Aliases are defined to allow flexible matching for folder names and CTD cast numbers to be parsed successfully. Each cruise record can have multiple cruise name aliases defined for it that will all resolve to the associated cruise record.

# Business Rules:

* Cruise Name Aliases can be as simple as HA1101, HA-11-01 or as complex as HA1201, HA-12-01, HA1201\_LEGI, HA1201\_LEGII, HA1201\_LEGIII based on the naming conventions used. In these cases HA1201 would be the cruise that all of the HA1201 aliases resolve to since each of the cruise legs correspond to the same cruise
* In order for the CTD Cast Number to be successfully parsed from the file the file must either begin with a cruise alias of the [CRUISE NAME] folder or the word "cast" followed by a number optionally with a dash or underscore before the number. The number will be used to define the CTD Cast Number. In general the [CRUISE NAME] folder should be the same as the data file prefix but the flexible matching algorithm will handle the above cases as well.
  + For example if the [CRUISE NAME] folder is SE-15-01 and the file names are SE15-01\_[###].cnv both SE-15-01 and SE15-01 would both need to be defined as cruise aliases for the SE-15-01 cruise in order for the cast number to be parsed successfully.