List of file or naming convention(s): one file contains all data – SLS.mdb

Structure of the SLS database (format/legend/header):

Table – "Catch"

Variable	Column	Description
Date	1	Date (mm/dd/yyyy) when sampling occurred
Station	2	Project station number
Tow	3	Tow number (e.g. 1, 2, or 3)
Fish Code	4	Numeric code (xx) assigned to each fish taxon
Catch	5	Number of fish taxon sampled per tow
1/4 Subsampled	6	A 1/4 sample of the total sample
1/2 Subsampled	7	A 1/2 sample of the total sample
CatchID	8	Auto generated number

Table – "Fish Codes"

Variable	Column	Description
Common Name	1	Common name of the fish taxon sampled
Genus	2	Genus name of fish
Species	3	Species name of fish
Family	4	Family name of fish
Fish Code	5	Numeric code assigned to each fish taxon
Symbol	6	Letter symbol for each fish taxon
TNS Field	7	Field name used in Townet Survey data sets
MWT Species Code	8	Numeric code used in Mid-water Trawl data
MWT Field	9	Field name used in Mid-water Trawl data sets

Table – "Lengths"

Variable	Column	Description
Date	1	Date (mm/dd/yyyy) when sampling occurred
Station	2	Project station number
Tow	3	Tow number
Fish Code	4	Numeric code assigned to each fish taxon
Length	5	Fork length (mm) of each fish taxon sampled
entry order	6	Auto generated number

Table – "Meter Corrections"

Variable	Column	Description
StudyYear	1	Year the flowmeter was used
MeterSerial	2	Serial number on the flowmeter
CalibrationDate	3	Date the flowmeter was calibrated at UCDavis
kFactor	4	Calculated; specific to each meterserial and studyyear
Notes	5	Comments field

Table – "SLS Stations"

Variable	Column	Description
Station	1	Project station number (e.g. 323)
LatD	2	Latitude Degrees (North)
LatM	3	Latitude Minutes
LatS	4	Latitude Seconds
LonD	5	Longitude Degrees (West)
LonM	6	Longitude Minutes
LonS	7	Longitude Seconds
Location	9	Description of sampling station
Notes	11	Comments pertaining to sampling station

Table – "Tow Info"

Variable	Column	Description
Date	1	Date (mm/dd/yyyy) when sampling occurred
Station	2	Project station number
Tow	3	Tow number
Time	4	Time of day (24:00) when sampling started
Tide	5	Tide stage (1-high, 2-ebb, 3-low, or 4 flood)
Bottom Depth	6	Water depth (feet) at station
Cable Out	7	Amount of line out on tow
Duration	8	Time (minutes) of an individual tow
Net Meter Serial	9	Serial number of the net flow meter
Net Meter Start	10	Net meter reading at beginning of tow
Net Meter End	11	Net meter reading at end of tow
Net Meter Check	12	Difference between end and start net readings
Comments	17	Comments pertaining to the tow.

Table – "Water Info"

Variable	Column	Description
Survey	1	A sequential number indicating the completion of all or most stations in the study area on a bi-weekly basis
Date	2	Date (mm/dd/yyyy) when sampling occurred
Station	3	Project station number
TopTemp	4	Surface temperature (^{0}C) of a station
Top EC	5	Surface electro-conductivity (μS/cm)
Bottom EC	6	Bottom electro-conductivity (μS/cm)
Secchi	7	Water transparency (cm)
NTU	8	Surface turbidity (NTU) of a station
FNU	9	Surface turbidity (FNU) of a station
StartLat	10	Start latitude taken at the start of a tow
StartLong	11	Start longitude taken at the start of a tow
EndLat	12	End latitude taken at the end of a tow
EndLong	13	End longitude taken at the end of a tow
Comments	14	Comments pertaining to the station