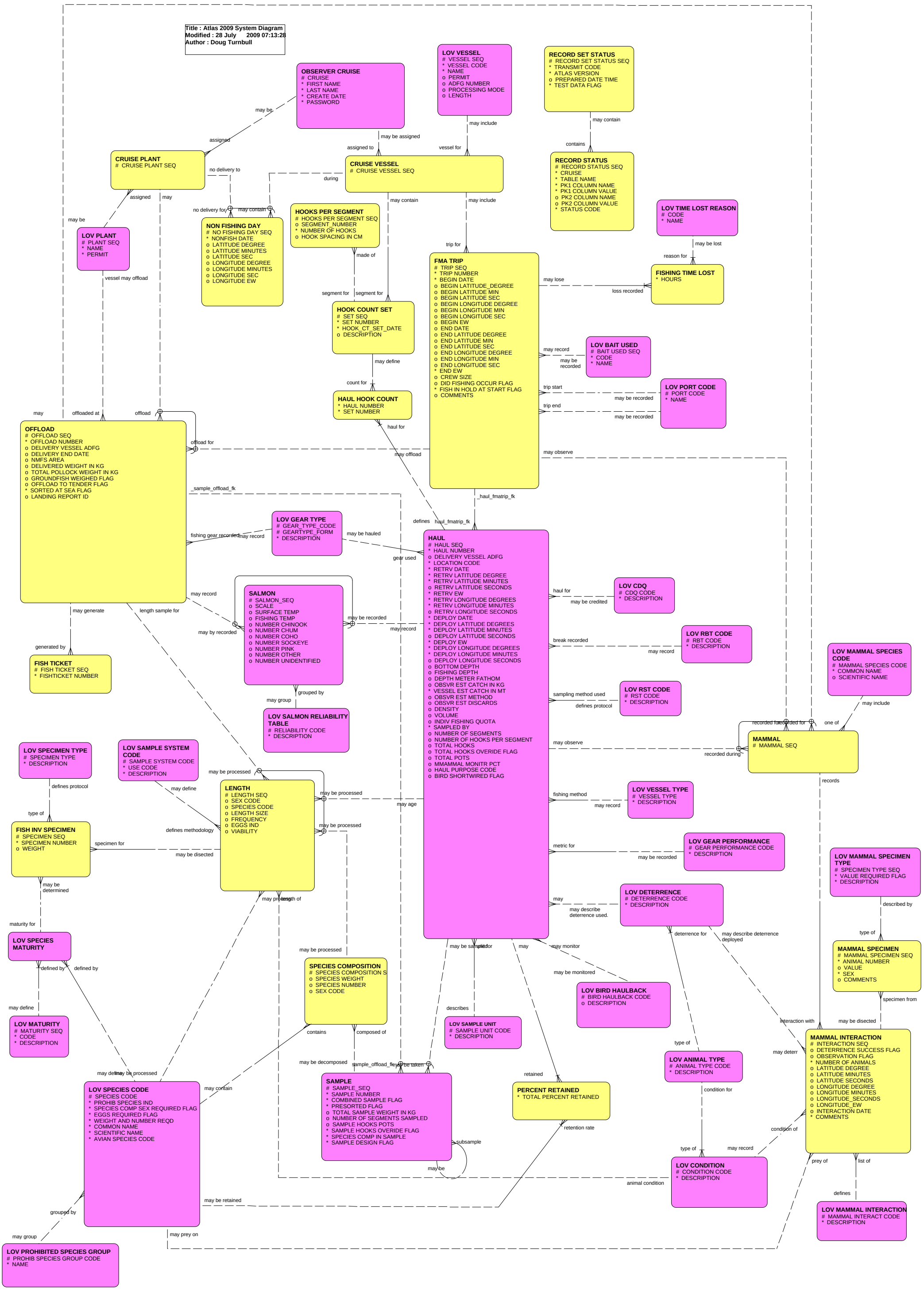
Title : Atlas 2009 System Diagram
Modified : 28 July 2009 07:13:28
Author : Doug Turnbull
OBSERVER CRUISE
CRUISE
* FIRST NAME
* LAST NAME
* CREATE DATE
* PASSWORD
LOV VESSEL
VESSEL SEQ
* VESSEL CODE
* NAME
o PERMIT
o ADFG NUMBER
o PROCESSING MODE
o LENGTH
RECORD SET STATUS
RECORD SET STATUS SEQ
* TRANSMIT CODE
* ATLAS VERSION
o PREPARED DATE TIME
* TEST DATA FLAG
may be
assigned
may be assigned
assigned to
vessel for
may include
may contain
contains
CRUISE PLANT
CRUISE PLANT SEQ
no delivery to
during
CRUISE VESSEL
CRUISE VESSEL SEQ
RECORD STATUS
RECORD STATUS SEQ
* CRUISE
* TABLE NAME
* PK1 COLUMN NAME
* PK1 COLUMN VALUE
o PK2 COLUMN NAME
o PK2 COLUMN VALUE
* STATUS CODE
assigned
may
may be
no delivery for
may contain
may contain
may include
LOV TIME LOST REASON
CODE
* NAME
may be lost
reason for
LOV PLANT
PLANT SEQ
* NAME
* PERMIT
NON FISHING DAY
NO FISHING DAY SEQ
* NONFISH DATE
o LATITUDE DEGREE
o LATITUDE MINUTES
o LATITUDE SEC
o LONGITUDE DEGREE
o LONGITUDE MINUTES
o LONGITUDE SEC
o LONGITUDE EW
HOOKS PER SEGMENT
HOOKS PER SEGMENT SEQ
o SEGMENT_NUMBER
* NUMBER OF HOOKS
o HOOK SPACING IN CM
made of
trip for
FMA TRIP
TRIP SEQ
* TRIP NUMBER
* BEGIN DATE
o BEGIN LATITUDE_DEGREE
o BEGIN LATITUDE MIN
o BEGIN LATITUDE SEC
o BEGIN LONGITUDE DEGREE
o BEGIN LONGITUDE MIN
o BEGIN LONGITUDE SEC
o BEGIN EW
o END DATE
o END LATITUDE DEGREE
o END LATITUDE MIN
o END LATITUDE SEC
o END LONGITUDE DEGREE
o END LONGITUDE MIN
o END LONGITUDE SEC
* END EW
o CREW SIZE
o DID FISHING OCCUR FLAG
* FISH IN HOLD AT START FLAG
o COMMENTS
may lose
loss recorded
FISHING TIME LOST
* HOURS
vessel may offload
segment for
segment for
HOOK COUNT SET
SET SEQ
* SET NUMBER
* HOOK_CT_SET_DATE
o DESCRIPTION
may record
may be recorded
LOV BAIT USED
BAIT USED SEQ
* CODE
* NAME
may define
count for
HAUL HOOK COUNT
* HAUL NUMBER
* SET NUMBER
trip start
trip end
may be recorded
may be recorded
LOV PORT CODE
PORT CODE
* NAME
may
offloaded at
offload
haul for
OFFLOAD
OFFLOAD SEQ
* OFFLOAD NUMBER
o DELIVERY VESSEL ADFG
o DELIVERY END DATE
o NMFS AREA
o DELIVERED WEIGHT IN KG
o TOTAL POLLOCK WEIGHT IN KG
o GROUNDFISH WEIGHED FLAG
o OFFLOAD TO TENDER FLAG
* SORTED AT SEA FLAG
o LANDING REPORT ID
offload for
may offload
may observe
_sample_offload_fk
_haul_fmatrip_fk
defines
haul_fmatrip_fk
LOV GEAR TYPE
GEAR_TYPE_CODE
GEARTYPE_FORM
* DESCRIPTION
fishing gear recorded
may record
may be hauled
gear used
HAUL
HAUL SEQ
* HAUL NUMBER
o DELIVERY VESSEL ADFG
* LOCATION CODE
* RETRV DATE
* RETRV LATITUDE DEGREE
* RETRV LATITUDE MINUTES
o RETRV LATITUDE SECONDS
* RETRV EW
* RETRV LONGITUDE DEGREES
* RETRV LONGITUDE MINUTES
o RETRV LONGITUDE SECONDS
* DEPLOY DATE
* DEPLOY LATITUDE DEGREES
* DEPLOY LATITUDE MINUTES
o DEPLOY LATITUDE SECONDS
* DEPLOY EW
* DEPLOY LONGITUDE DEGREES
* DEPLOY LONGITUDE MINUTES
o DEPLOY LONGITUDE SECONDS
o BOTTOM DEPTH
o FISHING DEPTH
o DEPTH METER FATHOM
o OBSVR EST CATCH IN KG
* VESSEL EST CATCH IN MT
o OBSVR EST METHOD
o OBSVR EST DISCARDS
o DENSITY
o VOLUME
o INDIV FISHING QUOTA
* SAMPLED BY
o NUMBER OF SEGMENTS
o NUMBER OF HOOKS PER SEGMENT
o TOTAL HOOKS
o TOTAL HOOKS OVERIDE FLAG
o TOTAL POTS
o MMAMMAL MONITR PCT
o HAUL PURPOSE CODE
o BIRD SHORTWIRED FLAG
may generate
length sample for
may record
SALMON
SALMON_SEQ
o SCALE
o SURFACE TEMP
o FISHING TEMP
o NUMBER CHINOOK
o NUMBER CHUM
o NUMBER COHO
o NUMBER SOCKEYE
o NUMBER PINK
o NUMBER OTHER
o NUMBER UNIDENTIFIED
may be recorded
may by recorded
may record
haul for
may be credited
LOV CDQ
CDQ CODE
* DESCRIPTION
generated by
FISH TICKET
FISH TICKET SEQ
* FISHTICKET NUMBER
grouped by
may group
LOV SALMON RELIABILITY TABLE
RELIABILITY CODE
* DESCRIPTION
break recorded
may record
LOV RBT CODE
RBT CODE
* DESCRIPTION
LOV MAMMAL SPECIES CODE
MAMMAL SPECIES CODE
* COMMON NAME
o SCIENTIFIC NAME
sampling method used
defines protocol
LOV RST CODE
RST CODE
* DESCRIPTION
may include
recorded for
one of
may observe
recorded during
MAMMAL
MAMMAL SEQ
LOV SPECIMEN TYPE
SPECIMEN TYPE
* DESCRIPTION
LOV SAMPLE SYSTEM CODE
SAMPLE SYSTEM CODE
* USE CODE
* DESCRIPTION
may be processed
defines protocol
may define
LENGTH
LENGTH SEQ
o SEX CODE
o SPECIES CODE
o LENGTH SIZE
o FREQUENCY
o EGGS IND
o VIABILITY
may be processed
may age
records
fishing method
may record
LOV VESSEL TYPE
VESSEL TYPE
* DESCRIPTION
type of
FISH INV SPECIMEN
SPECIMEN SEQ
* SPECIMEN NUMBER
o WEIGHT
defines methodology
specimen for
may be disected
may be processed
metric for
may be recorded
LOV GEAR PERFORMANCE
GEAR PERFORMANCE CODE
* DESCRIPTION
LOV MAMMAL SPECIMEN TYPE
SPECIMEN TYPE SEQ
* VALUE REQUIRED FLAG
* DESCRIPTION
may be determined
may process
length of
may
LOV DETERRENCE
DETERRENCE CODE
* DESCRIPTION
may describe deterrence used.
described by
maturity for
LOV SPECIES MATURITY
deterrence for
may describe deterrence deployed
type of
MAMMAL SPECIMEN
MAMMAL SPECIMEN SEQ
* ANIMAL NUMBER
o VALUE
* SEX
o COMMENTS
may be processed
may be sampled for
may
may monitor
may be monitored
defined by
defined by
SPECIES COMPOSITION
SPECIES COMPOSITION S
o SPECIES WEIGHT
o SPECIES NUMBER
o SEX CODE
LOV BIRD HAULBACK
BIRD HAULBACK CODE
o DESCRIPTION
specimen from
describes
may define
LOV MATURITY
MATURITY SEQ
* CODE
* DESCRIPTION
LOV SAMPLE UNIT
SAMPLE UNIT CODE
* DESCRIPTION
interaction with
may be disected
contains
composed of
type of
LOV ANIMAL TYPE
ANIMAL TYPE CODE
* DESCRIPTION
MAMMAL INTERACTION
INTERACTION SEQ
o DETERRENCE SUCCESS FLAG
o OBSERVATION FLAG
* NUMBER OF ANIMALS
o LATITUDE DEGREE
o LATITUDE MINUTES
o LATITUDE SECONDS
o LONGITUDE DEGREE
o LONGITUDE MINUTES
o LONGITUDE_SECONDS
o LONGITUDE_EW
o INTERACTION DATE
* COMMENTS
may deterr
may be decomposed
sample_offload_fk
may be taken
retained
may define
may be processed
may contain
SAMPLE
SAMPLE_SEQ
* SAMPLE NUMBER
* COMBINED SAMPLE FLAG
* PRESORTED FLAG
o TOTAL SAMPLE WEIGHT IN KG
o NUMBER OF SEGMENTS SAMPLED
o SAMPLE HOOKS POTS
* SAMPLE HOOKS OVERIDE FLAG
* SPECIES COMP IN SAMPLE
* SAMPLE DESIGN FLAG
PERCENT RETAINED
* TOTAL PERCENT RETAINED
condition for
LOV SPECIES CODE
SPECIES CODE
* PROHIB SPECIES IND
* SPECIES COMP SEX REQUIRED FLAG
* EGGS REQUIRED FLAG
* WEIGHT AND NUMBER REQD
* COMMON NAME
* SCIENTIFIC NAME
* AVIAN SPECIES CODE
retention rate
condition of
subsample
type of
may record
LOV CONDITION
CONDITION CODE
* DESCRIPTION
may be
animal condition
prey of
list of
defines
LOV MAMMAL INTERACTION
MAMMAL INTERACT CODE
* DESCRIPTION
may be retained
grouped by
may group
may prey on
LOV PROHIBITED SPECIES GROUP
PROHIB SPECIES GROUP CODE
* NAME