medbs_rdb_schema.f_ip_hauls

cd_country	varchar
cd_centre	varchar(6)
cd_inst	varchar(8)
cd_prg	varchar(4)
cd_crs	varchar(8)
cd_vessel	varchar(3)
cd_station	varchar(4)
len_cat	varchar(5)
day_night	varchar(1)
sampl_dt	timestamp
cd_gear	varchar(6)
draw_type	varchar(5)
draw_depth	numeric
draw_tm	smallint
shoot_tm	timestamp
gear_speed	numeric
rope_len	numeric
water_vol	numeric
longitude	integer
latitude	integer
ocean	varchar(256)
cd_weather	varchar(2)
cd_sea	varchar(2)
temperature	numeric
cd_wind	varchar(3)
cd_fish_rect	varchar(5)
bottom_depth	numeric
acoustic_log	numeric

medbs_rdb_schema.f_ip_haul_devices

cd_country	varchar(3)
cd_centre	varchar(6)
cd_inst	varchar(8)
cd_prg	varchar(4)
cd_crs	varchar(8)
cd_vessel	varchar(3)
cd_station	varchar(4)
day_night	varchar(1)
device	varchar(6)
plan_ml	numeric
n_eggs	numeric
n_larvae	numeric
biomass	numeric
diedeggs	numeric

medbs_rdb_schema.f_ip_haul_species

cd_country	varchar(3)
cd_centre	varchar(6)
cd_inst	varchar(8)
cd_prg	varchar(4)
cd_crs	varchar(8)
cd_vessel	varchar(3)
cd_station	varchar(4)
day_night	varchar(1)
cd_specie	varchar(3)
family	varchar(64)
n_larvae	numeric
n_eggs	numeric
device	varchar(6)
no_identifiable	varchar(2)
cnt_a	numeric
cnt_ll	numeric

medbs_rdb_schema.f_ip_haul_spec_eggd

cd_country	varchar(3)
cd_centre	varchar(6)
cd_inst	varchar(8)
cd_prg	varchar(4)
cd_crs	varchar(8)
cd_vessel	varchar(3)
cd_station	varchar(4)
day_night	varchar(1)
cd_specie	varchar(3)
aa	numeric
egg_max	numeric
egg_min	numeric
oil	numeric
device	varchar(6)
no_identifiable	varchar(2)

medbs_rdb_schema.f_ip_haul_spec_lens

cd_country	varchar(3)
cd_centre	varchar(6)
cd_inst	varchar(8)
cd_prg	varchar(4)
cd_crs	varchar(8)
cd_vessel	varchar(3)
cd_station	varchar(4)
day_night	varchar(1)
cd_specie	varchar(3)
aa	numeric
larvae_len	numeric
stage	varchar(3)
device	varchar(6)
no_identifiable	varchar(2)

medbs_rdb_schema.f_ip_haul_spec_egga

cd_country	varchar(3)
cd_centre	varchar(6)
cd_inst	varchar(8)
cd_prg	varchar(4)
cd_crs	varchar(8)
cd_vessel	varchar(3)
cd_station	varchar(4)
day_night	varchar(1)
cd_specie	varchar(3)
stage	varchar(3)
cnt	numeric
device	varchar(6)
no_identifiable	varchar(2)

medbs_rdb_schema.f_ip_haul_spec_larv

cd_country	varchar(3)
cd_centre	varchar(6)
cd_inst	varchar(8)
cd_prg	varchar(4)
cd_crs	varchar(8)
cd_vessel	varchar(3)
cd_station	varchar(4)
day_night	varchar(1)
cd_specie	varchar(3)
stage	varchar(3)
cnt	numeric
device	varchar(6)
no_identifiable	varchar(2)

Eggs&Larvae

Table medbs_rdb_schema.f_ip_haul_devices

Idx	Name	Data Type	Description
	Ichtyoplankton Devices		
* Pk	cd_country	varchar(3)	Country ISO 3166 international standard
* Pk	cd_centre	varchar(6)	Centre Code
* Pk	cd_inst	varchar(8)	Institute Code
* Pk	cd_prg	varchar(4)	Program
* Pk	cd_crs	varchar(8)	Cruise
* Pk	cd_vessel	varchar(3)	Vessel
* Pk	cd_station	varchar(4)	Station
* Pk	day_night	varchar(1)	Day or Night sampling
* Pk	device	varchar(6)	Sampling Device
	plan_ml	numeric	Plankton ML
	n_eggs	numeric	No of eggs
	n_larvae	numeric	No of Larvae
	biomass	numeric	Plankton Biomass
	diedeggs	numeric	Died eggs

Indexes

Type	Name	On	Description
Pk	f_ip_haul_devices_pkey	cd_country, cd_centre, cd_inst, cd_prg, cd_crs, cd_vessel, cd_station, day_night, device	

Foreign Keys

Type	Name	On	Description
	f_ip_device$f_ip_haul (cd_country, cd_centre, cd_inst, cd_prg, cd_crs, cd_vessel, cd_station, day_night) ref f_ip_hauls (cd_country, cd_centre, cd_inst, cd_prg, cd_crs, cd_vessel, cd_station, day_night)		

Table medbs_rdb_schema.f_ip_haul_spec_egga

Idx	Name	Data Type	Description
	EggsAbundancePerStage		
* Pk	cd_country	varchar(3)	Country ISO 3166 international standard
* Pk	cd_centre	varchar(6)	Centre Code
* Pk	cd_inst	varchar(8)	Institute Code
* Pk	cd_prg	varchar(4)	Program
* Pk	cd_crs	varchar(8)	Cruise
* Pk	cd_vessel	varchar(3)	Vessel
* Pk	cd_station	varchar(4)	Station
* Pk	day_night	varchar(1)	Day Night
* Pk	cd_specie	varchar(3)	Species
* Pk	stage	varchar(3)	Stage
	cnt	numeric	Number of Eggs
* Pk	device	varchar(6)	Sampling Device
* Pk	no_identifiable	varchar(2)	No identifiable species

Indexes

Type	Name	On	Description
Pk	f_ip_haul_spec_egga_pkey	cd_country, cd_centre, cd_inst, cd_prg, cd_crs, cd_vessel, cd_station, day_night, device, cd_specie, no_identifiable, stage	

Table medbs_rdb_schema.f_ip_haul_spec_egga

Foreign Keys

Type	Name	On	Description
	f_ip_egga$f_ip_species (cd_country, cd_centre, cd_inst, cd_prg, cd_crs, cd_vessel, cd_station, day_night, device, cd_specie, no_identifiable) ref f_ip_haul_species (cd_country, cd_centre, cd_inst, cd_prg, cd_crs, cd_vessel, cd_station, day_night, device, cd_specie, no_identifiable)		

Table medbs_rdb_schema.f_ip_haul_spec_eggd

Idx	Name	Data Type	Description
EggsDiameter			
* Pk	cd_country	varchar(3)	Country ISO 3166 international standard
* Pk	cd_centre	varchar(6)	Centre Code
* Pk	cd_inst	varchar(8)	Institute Code
* Pk	cd_prg	varchar(4)	Program
* Pk	cd_crs	varchar(8)	Cruise
* Pk	cd_vessel	varchar(3)	Vessel
* Pk	cd_station	varchar(4)	Station
* Pk	day_night	varchar(1)	Day Night
* Pk	cd_specie	varchar(3)	Species
* Pk	aa	numeric	Serial Number
	egg_max	numeric	Max Egg Diameter
	egg_min	numeric	Min Egg Diameter
	oil	numeric	Diameter of oil
* Pk	device	varchar(6)	
* Pk	no_identifiable	varchar(2)	No identifiable species

Indexes

Type	Name	On	Description
Pk	f_ip_haul_spec_eggd_pkey	cd_country, cd_centre, cd_inst, cd_prg, cd_crs, cd_vessel, cd_station, day_night, device, cd_specie, no_identifiable, aa	

Foreign Keys

Type	Name	On	Description
	f_ip_eggd$f_ip_species (cd_country, cd_centre, cd_inst, cd_prg, cd_crs, cd_vessel, cd_station, day_night, device, cd_specie, no_identifiable) ref f_ip_haul_species (cd_country, cd_centre, cd_inst, cd_prg, cd_crs, cd_vessel, cd_station, day_night, device, cd_specie, no_identifiable)		

Table medbs_rdb_schema.f_ip_haul_spec_larv

Idx	Name	Data Type	Description
medbs_rdb_schema.f_ip_haul_spec_LARV			
* Pk	cd_country	varchar(3)	Country ISO 3166 international standard
* Pk	cd_centre	varchar(6)	Centre Code
* Pk	cd_inst	varchar(8)	Institute Code
* Pk	cd_prg	varchar(4)	Program
* Pk	cd_crs	varchar(8)	Cruise
* Pk	cd_vessel	varchar(3)	Vessel
* Pk	cd_station	varchar(4)	Station
* Pk	day_night	varchar(1)	Day Night
* Pk	cd_specie	varchar(3)	Species
* Pk	stage	varchar(3)	Stage

Table medbs_rdb_schema.f_ip_haul_spec_larv

	cnt	numeric	No of Larvae
* Pk	device	varchar(6)	
* Pk	no_identifiable	varchar(2)	No identifiable species

Indexes

Type	Name	On	Description
Pk	f_ip_haul_spec_larv_pkey	cd_country, cd_centre, cd_inst, cd_prg, cd_crs, cd_vessel, cd_station, day_night, device, cd_specie, no_identifiable, stage	

Foreign Keys

Type	Name	On	Description
	f_ip_larv$f_ip_species (cd_country, cd_centre, cd_inst, cd_prg, cd_crs, cd_vessel, cd_station, day_night, device, cd_specie, no_identifiable) ref f_ip_haul_species (cd_country, cd_centre, cd_inst, cd_prg, cd_crs, cd_vessel, cd_station, day_night, device, cd_specie, no_identifiable)		

Table medbs_rdb_schema.f_ip_haul_spec_lens

Idx	Name	Data Type	Description
LarvalLength			
* Pk	cd_country	varchar(3)	Country ISO 3166 international standard
* Pk	cd_centre	varchar(6)	Centre Code
* Pk	cd_inst	varchar(8)	Institute Code
* Pk	cd_prg	varchar(4)	Program
* Pk	cd_crs	varchar(8)	Cruise
* Pk	cd_vessel	varchar(3)	Vessel
* Pk	cd_station	varchar(4)	Station
* Pk	day_night	varchar(1)	Day Night
* Pk	cd_specie	varchar(3)	Species
* Pk	aa	numeric	Serial Number
	larvae_len	numeric	Larvae Length
* Pk	stage	varchar(3)	Larvae stage
* Pk	device	varchar(6)	
* Pk	no_identifiable	varchar(2)	No identifiable species

Indexes

Type	Name	On	Description
Pk	f_ip_haul_spec_lens_pkey	cd_country, cd_centre, cd_inst, cd_prg, cd_crs, cd_vessel, cd_station, day_night, device, cd_specie, no_identifiable, stage, aa	

Foreign Keys

Type	Name	On	Description
	f_ip_lens$f_ip_larvae (cd_country, cd_centre, cd_inst, cd_prg, cd_crs, cd_vessel, cd_station, day_night, device, cd_specie, no_identifiable, stage) ref f_ip_haul_spec_larv (cd_country, cd_centre, cd_inst, cd_prg, cd_crs, cd_vessel, cd_station, day_night, device, cd_specie, no_identifiable, stage)		

Table medbs_rdb_schema.f_ip_haul_species

Idx	Name	Data Type	Description
Ichtyoplankton Species Composition			
* Pk	cd_country	varchar(3)	Country ISO 3166 international standard

Table medbs_rdb_schema.f_ip_haul_species

* Pk	cd_centre	varchar(6)	Centre Code	
* Pk	cd_inst	varchar(8)	Institute Code	
* Pk	cd_prg	varchar(4)	Program	
* Pk	cd_crs	varchar(8)	Cruise	
* Pk	cd_vessel	varchar(3)	Vessel	
* Pk	cd_station	varchar(4)	Station	
* Pk	day_night	varchar(1)	Day Night	
* Pk	cd_specie	varchar(3)	Species	
	family	varchar(64)	Family	
	n_larvae	numeric	No of larvae	
	n_eggs	numeric	No of eggs	
* Pk	device	varchar(6)	Sampling Device	
* Pk	no_identifiable	varchar(2)	No identifiable species	
	cnt_a	numeric		
	cnt_ll	numeric		

Indexes

Type	Name	On	Description
Pk	f_ip_haul_species_pkey	cd_country, cd_centre, cd_inst, cd_prg, cd_crs, cd_vessel, cd_station, day_night, device, cd_specie, no_identifiable	

Foreign Keys

Type	Name	On	Description
	f_ip_haul_spec$f_ip_haul_dev (cd_country, cd_centre, cd_inst, cd_prg, cd_crs, cd_vessel, cd_station, day_night, device) ref f_ip_haul_devices (cd_country, cd_centre, cd_inst, cd_prg, cd_crs, cd_vessel, cd_station, day_night, device)		

Table medbs_rdb_schema.f_ip_hauls

Idx	Name	Data Type	Description
	Ichtyoplankton Haul		
* Pk	cd_country	varchar DEFAULT 'GRC'::character varying	Country ISO 3166 international standard
* Pk	cd_centre	varchar(6)	Centre Code
* Pk	cd_inst	varchar(8)	Institute Code
* Pk	cd_prg	varchar(4)	Program
* Pk	cd_crs	varchar(8)	Cruise
* Pk	cd_vessel	varchar(3)	Vessel
* Pk	cd_station	varchar(4)	Station
*	len_cat	varchar(5)	Length Category
* Pk	day_night	varchar(1)	Day Night
*	sampl_dt	timestamp	Sample Date
	cd_gear	varchar(6)	Gear Type
	draw_type	varchar(5)	Draw Type
*	draw_depth	numeric	Draw Depth
*	draw_tm	smallint	Draw Time
*	shoot_tm	timestamp	Shooting Time
*	gear_speed	numeric	Gear Speed
	rope_len	numeric	Rope length
	water_vol	numeric	Water Volume
*	longitude	integer	Longtitude
*	latitude	integer	Latitude

Table medbs_rdb_schema.f_ip_hauls

ocean	varchar(256)	Oceanographic Data
cd_weather	varchar(2)	Weather
cd_sea	varchar(2)	Sea condition
temperature	numeric	Temperature
cd_wind	varchar(3)	Wind
cd_fish_rect	varchar(5)	Fishing rectangle
bottom_depth	numeric	Bottom Depth
acoustic_log	numeric	Acoustic log number (mile)

Indexes

Type	Name	On	Description
Pk	f_ip_hauls_pkey	cd_country, cd_centre, cd_inst, cd_prg, cd_crs, cd_vessel, cd_station, day_night	

Constraints

Name	Definition	Description
f_ip_hauls#day_night	day_night)::text = ANY ((ARRAY['D'::character varying, 'N'::character varying])::text[]	