

Layouts

1. MEDITS.....1

Tables

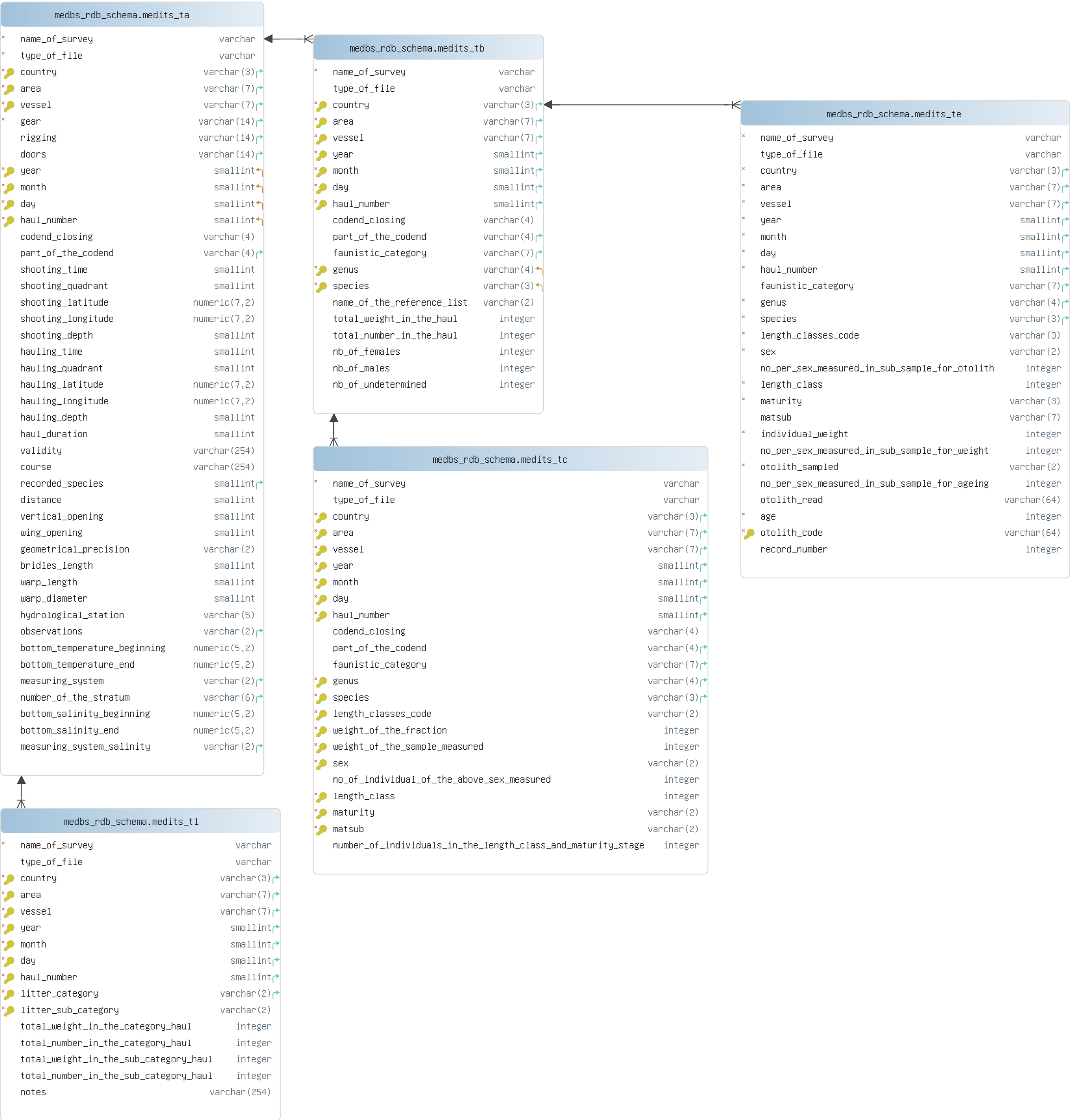
medbs_rdb_schema.medita_ta [1]2

medbs_rdb_schema.medita_tb [1]5

medbs_rdb_schema.medita_tc [1]7

medbs_rdb_schema.medita_te [1]10

medbs_rdb_schema.medita_tl [1]12



MEDITS

Table medbs_rdb_schema.medita_ta			
Idx	Name	Data Type	Description
MEDITS TA table: data on the haul			
*	name_of_survey	varchar DEFAULT 'MEDITS'::character varying	MEDITS - Fixed value
*	type_of_file	varchar DEFAULT 'TA'::character varying	TA - Fixed value
* PK	country	varchar(3)	See Annex I - ISO Code
* PK	area	varchar(7)	See Annex III - GFCM Code
* PK	vessel	varchar(7)	See Annex I - MEDITS Code
*	gear	varchar(14)	See Annex I - MEDITS Code
	rigging	varchar(14)	See Annex I - MEDITS Code
	doors	varchar(14)	See Annex I - MEDITS Code
* PK	year	smallint	Year
* PK	month	smallint	Month
* PK	day	smallint	Day
* PK	haul_number	smallint	1 to 999 - One series by vessel/year
	codend_closing	varchar(4)	S, C - S: without; C: controlled
	part_of_the_codend	varchar(4)	A, M, P, S - Mandatory if codend closing = C; A: anterior, M: middle; P: posterior; S sum of the 3 parts
	shooting_time	smallint	0 to 2400 - In UT Ex: 7 h 25 min > 725
	shooting_quadrant	smallint	1, 3, 5, 7 - See Annex IV
	shooting_latitude	numeric(7,2)	3400 to 4600 - Ex: 36° 40,22 > 3640,22.
	shooting_longitude	numeric(7,2)	0 to 3500 - Ex: 4° 19,84 > 419,84
	shooting_depth	smallint	0, 10 to 800 - At the trawl position, in meters; unknown: 0
	hauling_time	smallint	0 to 2400 - In UT Ex: 7 h 25 min > 725
	hauling_quadrant	smallint	1, 3, 5, 7 - See Annex IV
	hauling_latitude	numeric(7,2)	3400 to 4600 - Ex: 36° 40,22 > 3640,22.
	hauling_longitude	numeric(7,2)	0 to 3500 - Ex: 4° 19,84 > 419,84
	hauling_depth	smallint	0, 10 to 800 - At the trawl position, in meters; unknown: 0
	haul_duration	smallint	5 to 90 - In minutes
	validity	varchar(254)	V, I - V: valid; I: invalid.
	course	varchar(254)	R, N - R: rectilinear; N: not rectilinear
	recorded_species	smallint	See Annex IV - MEDITS code
	distance	smallint	1000 to 9999 - Distance over ground in meters
	vertical_opening	smallint	10 to 100 - In decimeters
	wing_opening	smallint	50 to 250 - In decimeters
	geometrical_precision	varchar(2)	M, E - M: measured; E: estimated.
	bridles_length	smallint	100, 150 or 200 - In meters
	warp_length	smallint	100 to 2200 - In meters
	warp_diameter	smallint	10 to 30 - In millimeters
	hydrological_station	varchar(5)	National coding or NA if not available -
	observations	varchar(2)	0 to 9 - MEDITS code (Annex IV)
	bottom_temperature_beginning	numeric(5,2)	0 to 30 - in °C with two decimals; NA if not available
	bottom_temperature_end	numeric(5,2)	0 to 30 - in °C with two decimals; NA if not available
	measuring_system	varchar(2)	see Annex X.a; NA if not available
	number_of_the_stratum	varchar(6)	- see Annex II
	bottom_salinity_beginning	numeric(5,2)	0 to 50 - in ppt with two decimals; NA if not available
	bottom_salinity_end	numeric(5,2)	0 to 50 - in ppt with two decimals; NA if not available
	measuring_system_salinity	varchar(2)	see Annex X.a; NA if not available

Table medbs_rdb_schema.medita_ta

Indexes

Type	Name	On	Description
Pk	medits_ta_pkey	country, area, vessel, year, month, day, haul_number	

Foreign Keys

Type	Name	On	Description
	fk_recorded_species\$p_medita_cd_rec_species (recorded_species) ref p_medita_cd_rec_species (medits_cd)		
	fk_area\$p_medita_area (area) ref p_medita_area (gsa)		
	fk_codend_part\$p_medita_codend_part (part_of_the_codend) ref p_medita_codend_part (codend_part_cd)		
	fk_country\$country (country) ref p_country (country_cd)		
	fk_doors\$p_medita_doors (doors) ref p_medita_doors (gear_cd)		
	fk_gear\$p_medita_trawl (gear) ref p_medita_trawl (gear_cd)		
	fk_measuring_system\$p_medita_measuring_system (measuring_system) ref p_medita_measuring_system (measuring_system_cd)		
	fk_number_of_stratum\$p_medita_strata (number_of_the_stratum) ref p_medita_strata (stratum)		
	fk_observations\$p_medita_cd_observations (observations) ref p_medita_cd_observations (medits_cd)		
	fk_rigging\$p_medita_rigging (rigging) ref p_medita_rigging (gear_cd)		
	fk_sal_measuring_system\$p_medita_measuring_system (measuring_system_salinity) ref p_medita_measuring_system (measuring_system_cd)		
	fk_stratum\$p_medita_strata (number_of_the_stratum) ref p_medita_strata (stratum)		
	fk_vessel\$p_medita_vessels (vessel) ref p_medita_vessels (vessel_cd)		

Constraints

Name	Definition	Description
chk_bottom_salinity_end	bottom_salinity_end >= (- (1)::numeric) AND (bottom_salinity_end <= (50)::numeric)	
chk_bottom_temperature_beginning	bottom_temperature_beginning >= (- (1)::numeric) AND (bottom_temperature_beginning <= (30)::numeric)	
chk_bottom_temperature_end	bottom_temperature_end >= (- (1)::numeric) AND (bottom_temperature_end <= (30)::numeric)	
chk_bridles_length	bridles_length)::numeric = ANY (ARRAY[(100)::numeric, (150)::numeric, (200)::numeric])	
chk_codend_closing	codend_closing)::text = S: without; C: controlled ANY (ARRAY[('S'::character varying)::text, ('C'::character varying)::text])	

Table medbs_rdb_schema.meditations

chk_course	course)::text = ANY (ARRAY[('R'::character varying)::text, ('N'::character varying)::text]
chk_day_smrt	((day)::numeric >= (1)::numeric) AND ((day)::numeric <= (CASE WHEN ((month)::numeric = (2)::numeric) THEN 28 ELSE CASE WHEN ((month)::numeric = ANY (ARRAY[(1)::numeric, (3)::numeric, (5)::numeric, (7)::numeric, (8)::numeric, (10)::numeric, (12)::numeric])) THEN 31 ELSE 30 END END)::numeric
chk_distance	(distance)::numeric >= (1000)::numeric) AND ((distance)::numeric <= (9999)::numeric
chk_geometrical_precision	geometrical_precision): :text = ANY (ARRAY[('M'::character varying)::text, ('E'::character varying)::text]
chk_haul_duration	(haul_duration)::numeric >= (5)::numeric) AND ((haul_duration)::numeri c <= (90)::numeric
chk_haul_number	(haul_number)::numeric >= (1)::numeric) AND ((haul_number)::numeric <= (999)::numeric
chk_hauling_depth	((hauling_depth)::numeri c >= (10)::numeric) AND ((hauling_depth)::numeri c <= (880)::numeric)) OR ((hauling_depth)::numeri c = (0)::numeric
chk_hauling_latitude	hauling_latitude >= (3400)::numeric) AND (hauling_latitude <= (4600)::numeric
chk_hauling_longitude	hauling_longitude >= (0)::numeric) AND (hauling_longitude <= (3500)::numeric
chk_bottom_salinity_beginning	bottom_salinity_beginni ng >= (- (1)::numeric)) AND (bottom_salinity_beginni ng <= (50)::numeric
chk_hauling_time	(hauling_time)::numeric >= (0)::numeric) AND ((hauling_time)::numeri c <= (2400)::numeric
chk_month	(month)::numeric >= (1)::numeric) AND ((month)::numeric <= (12)::numeric

Table medbs_rdb_schema.meditits_ta

chk_shooting_depth	((shooting_depth)::numeric >= (10)::numeric) AND ((shooting_depth)::numeric <= (880)::numeric) OR ((shooting_depth)::numeric = (0)::numeric)
chk_shooting_latitude	shooting_latitude >= (3400)::numeric AND (shooting_latitude <= (4600)::numeric)
chk_shooting_longitude	shooting_longitude >= (0)::numeric AND (shooting_longitude <= (3500)::numeric)
chk_shooting_quadrant	shooting_quadrant)::numeric = ANY (ARRAY[(1)::numeric, (3)::numeric, (5)::numeric, (7)::numeric])
chk_shooting_time	(shooting_time)::numeric >= (0)::numeric AND ((shooting_time)::numeric <= (2400)::numeric)
chk_validity	validity)::text = ANY (ARRAY[('V')::character varying)::text, ('I')::character varying)::text]
chk_vertical_opening	(vertical_opening)::numeric >= (10)::numeric AND ((vertical_opening)::numeric <= (100)::numeric)
chk_warp_diameter	(warp_diameter)::numeric >= (10)::numeric AND ((warp_diameter)::numeric <= (30)::numeric)
chk_warp_length	(warp_length)::numeric >= (100)::numeric AND ((warp_length)::numeric <= (2200)::numeric)
chk_wing_opening	(wing_opening)::numeric >= (50)::numeric AND ((wing_opening)::numeric <= (250)::numeric)
chk_year_meditits	(year)::numeric >= (1994)::numeric AND ((year)::numeric <= (date_part('year')::text, now()))::numeric)
chk_hauling_quadrant	hauling_quadrant)::numeric = ANY (ARRAY[(1)::numeric, (3)::numeric, (5)::numeric, (7)::numeric])

Table medbs_rdb_schema.meditits_tb

Idx	Name	Data Type	Description
MEDITS TB data, Catches by haul			
*	name_of_survey	varchar DEFAULT 'MEDITS'::character varying	MEDITS - Fixed value
	type_of_file	varchar DEFAULT 'TB'::character varying	TB - Fixed value
* PK	country	varchar(3)	See Annex I - ISO Code
* PK	area	varchar(7)	See Annex III - GFCM Code
* PK	vessel	varchar(7)	See Annex I - MEDITS Code
* PK	year	smallint	Year

Table medbs_rdb_schema.medita_tb

* Pk	month	smallint	Month
* Pk	day	smallint	Day
* Pk	haul_number	smallint	1 to 999 - One series by vessel/year
	codend_closing	varchar(4)	S, C - S: without; C: controlled
	part_of_the_codend	varchar(4)	A, M, P, S - Mandatory if Codend closing = C; A: anterior, M: middle; P: posterior; S sum of the 3 parts
	faunistic_category	varchar(7)	See Annexe V - MEDITS code
* Pk	genus	varchar(4)	See Annex XV - Following the Reference List
* Pk	species	varchar(3)	See Annex XV - Following the Reference List
	name_of_the_reference_list	varchar(2)	See Annex XV - NCC or MEDITS FM list
	total_weight_in_the_haul	integer	0 to 9999999 - For the given species, in grams
	total_number_in_the_haul	integer	0 to 9999999 * - For the given species. Should be equal to the sum of the 3 following fields
	nb_of_females	integer	Number of females
	nb_of_males	integer	Number of males
	nb_of_undetermined	integer	Undetermined or not determined

Indexes

Type	Name	On	Description
Pk	medits_tb_pkey	country, area, vessel, year, month, day, haul_number, genus, species	

Foreign Keys

Type	Name	On	Description
	fk_area\$p_medita_area (area) ref p_medita_area (gsa)		
	fk_codend_part\$p_medita_codend_part (part_of_the_codend) ref p_medita_codend_part (codend_part_cd)		
	fk_country\$country (country) ref p_country (country_cd)		
	fk_faunistic_category\$p_medita_cd_taxonomic_categories (faunistic_category) ref p_medita_cd_taxonomic_categories (medits_cd)		
	fk_vessel\$p_medita_vessels (vessel) ref p_medita_vessels (vessel_cd)		
	fk_medita_tb\$medita_ta (country, area, vessel, year, month, day, haul_number) ref medits_ta (country, area, vessel, year, month, day, haul_number)		

Constraints

Name	Definition	Description
chk_day_smrt	<pre> (day)::numeric >= (1)::numeric) AND ((day)::numeric <= (CASE WHEN ((month)::numeric = (2)::numeric) THEN 28 ELSE CASE WHEN ((month)::numeric = ANY (ARRAY[(1)::numeric, (3)::numeric, (5)::numeric, (7)::numeric, (8)::numeric, (10)::numeric, (12)::numeric])) THEN 31 ELSE 30 END END)::numeric </pre>	
chk_haul_number	<pre> (haul_number)::numeric >= (1)::numeric) AND ((haul_number)::numeric <= (999)::numeric </pre>	

Table medbs_rdb_schema.meditis_tb

chk_month	(month)::numeric >= (1)::numeric) AND ((month)::numeric <= (12)::numeric
chk_name_of_the_reference_list	(name_of_the_reference_list)::text = 'FM'::text
chk_nb_of_females	(nb_of_females)::numeric >= (0)::numeric) AND ((nb_of_females)::numeric <= (9999999)::numeric
chk_codend_closing	codend_closing)::text = ANY (ARRAY[('S'::character varying)::text, ('C'::character varying)::text])
chk_nb_of_undetermined	(nb_of_undetermined)::numeric >= (0)::numeric) AND ((nb_of_undetermined)::numeric <= (9999999)::numeric
chk_total_number_in_the_haul	(total_number_in_the_haul)::numeric >= (0)::numeric) AND ((total_number_in_the_haul)::numeric <= (9999999)::numeric
chk_total_weight_in_the_haul	(total_weight_in_the_haul)::numeric >= (0)::numeric) AND ((total_weight_in_the_haul)::numeric <= (9999999)::numeric
chk_year_meditis	(year)::numeric >= (1994)::numeric) AND ((year)::numeric <= (date_part('year'::text, now()))::numeric
chk_nb_of_males	(nb_of_males)::numeric >= (0)::numeric) AND ((nb_of_males)::numeric <= (9999999)::numeric

Table medbs_rdb_schema.meditis_tc

Idx	Name	Data Type	Description
MEDITS TC data, length and aggregated biological parameters			
*	name_of_survey	varchar DEFAULT 'MEDITS'::character varying	MEDITS - Fixed value
	type_of_file	varchar DEFAULT 'TC'::character varying	TC - Fixed value
* PK	country	varchar(3)	See Annex I - ISO Code
* PK	area	varchar(7)	See Annex III - GFCM Code
* PK	vessel	varchar(7)	See Annex I - MEDITS Code
* PK	year	smallint	Year
* PK	month	smallint	Month
* PK	day	smallint	Day
* PK	haul_number	smallint	1 to 999 - One series by vessel/year
	codend_closing	varchar(4)	S, C - S: without; C: controlled
	part_of_the_codend	varchar(4)	A, M, P, S - Mandatory if Codend closing = C; A: anterior, M: middle; P: posterior; S sum of the 3 parts
	faunistic_category	varchar(7)	See Annexe V - MEDITS code
* PK	genus	varchar(4)	See Annex XV - Following the Reference List
* PK	species	varchar(3)	See Annex XV - Following the Reference List
* PK	length_classes_code	varchar(2)	m, 0, 1# - Type of classes: m: 1 mm; 0: 0.5 cm; 1: 1cm

Table medbs_rdb_schema.meditations

* PK	weight_of_the_fraction	integer	0 to 999999 - Weight of the fraction in the whole haul in grams
* PK	weight_of_the_sample_measured	integer	0 to 999999 - Weight of the sample really measured for length, sex and maturity stages (in grams)
* PK	sex	varchar(2)	M, F, I, N - M: male; F: female; I: indetermined; N: not determined
	no_of_individual_of_the_above_sex_measured	integer	1 to 999999 - Number of individuals of the above sex measured in the sample
* PK	length_class	integer	1 to 9999 - Identifier: lower limit of the class in mm; e.g. 30.5-31 cm ->305 (LENGTH_CLASS_CODE:0)
* PK	maturity	varchar(2)	0 to 4; ND***: Not Determined (allowed from 2012) - See Annexes VIIIA-VIIIE. Maturity codes are according to the blue column since 2007 onwards; ND: Not Determined (allowed from 2012 for species G2 and for species G1 only in case staging is particularly difficult, despite the specimens are sexed)
* PK	matsub	varchar(2)	from A to E; ND***: Not Determined (allowed from 2012) - introduced in 2007; See Annexes VIIIA-VIIIE maturity codes are according to the blue column since 2007 onwards; ND: Not Determined (allowed from 2012 for species G2 and for species G1 only in case staging is particularly difficult, despite the specimens are sexed).
	number_of_individuals_in_the_length_class_and_maturity_stage	integer	1 to 999999 - No of individuals per maturity stage and length class for a given sex. The length classes without any individual are excluded from the file. The sum of No of individuals per class and sex is the No of individuals measured per sex. When maturity stage is ND (since 2012) this field is the No per class and sex.

Indexes

Type	Name	On	Description
Pk	meditations_pkey	country, area, vessel, year, month, day, haul_number, genus, species, length_classes_code, sex, length_class, maturity, matsub, weight_of_the_fraction, weight_of_the_sample_measured	

Foreign Keys

Type	Name	On	Description
	fk_vessel\$meditations_vessels (vessel) ref p_meditations_vessels (vessel_cd)		
	fk_faunistic_category\$meditations_cd_taxonomic_categories (faunistic_category) ref p_meditations_cd_taxonomic_categories (meditations_cd)		
	fk_area\$meditations_area (area) ref p_meditations_area (gsa)		
	fk_codend_part\$meditations_codend_part (part_of_the_codend) ref p_meditations_codend_part (codend_part_cd)		
	fk_country\$country (country) ref p_country (country_cd)		
	fk_meditations_tc\$meditations_tb (haul_number, vessel, day, genus, country, month, year, species, area) ref meditations_tb (haul_number, vessel, day, genus, country, month, year, species, area)		

Constraints

Name	Definition	Description
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Table medbs_rdb_schema.meditc_tc

chk_day_smrt	<pre> (day)::numeric >= (1)::numeric) AND ((day)::numeric <= (CASE WHEN ((month)::numeric = (2)::numeric) THEN 28 ELSE CASE WHEN ((month)::numeric = ANY (ARRAY[(1)::numeric, (3)::numeric, (5)::numeric, (7)::numeric, (8)::numeric, (10)::numeric, (12)::numeric])) THEN 31 ELSE 30 END END)::numeric </pre>
chk_haul_number	<pre> (haul_number)::numeric >= (1)::numeric) AND ((haul_number)::numeric <= (999)::numeric </pre>
chk_length_class	<pre> (length_class)::numeric >= (0)::numeric) AND ((length_class)::numeri c <= (9999)::numeric </pre>
chk_length_classes_code	<pre> length_classes_code)::t ext = ANY (ARRAY[('m'::character varying)::text, ('0'::character varying)::text, ('1'::character varying)::text] </pre>
chk_month	<pre> (month)::numeric >= (1)::numeric) AND ((month)::numeric <= (12)::numeric </pre>
chk_codend_closing	<pre> codend_closing)::text = ANY (ARRAY[('S'::character varying)::text, ('C'::character varying)::text] </pre>
chk_no_of_individual_of_the_above_sex_measured	<pre> (no_of_individual_of_th e_above_sex_measured):: numeric >= (0)::numeric) AND ((no_of_individual_of_t he_above_sex_measured): :numeric <= (999999)::numeric </pre>
chk_sex	<pre> sex)::text = ANY (ARRAY[('F'::character varying)::text, ('M'::character varying)::text, ('I'::character varying)::text, ('N'::character varying)::text] </pre>
chk_weight_of_the_fraction	<pre> (weight_of_the_fraction)::numeric >= (0)::numeric) AND ((weight_of_the_fractio n)::numeric <= (999999)::numeric </pre>
chk_weight_of_the_sample_measured	<pre> (weight_of_the_sample_m easured)::numeric >= (0)::numeric) AND ((weight_of_the_sample_ measured)::numeric <= (999999)::numeric </pre>

Table medbs_rdb_schema.meditis_tc

chk_year_meditis	(year)::numeric >= (1994)::numeric) AND ((year)::numeric <= (date_part('year')::text, now()))::numeric
chk_n_indiv_in_len_class_maturity_stage	(number_of_individuals_in_the_length_class_and_maturity_stage)::numeric >= (0)::numeric) AND ((number_of_individuals_in_the_length_class_and_maturity_stage)::numeric <= (999999)::numeric

Table medbs_rdb_schema.meditis_te

Idx	Name	Data Type	Description
MEDITS TE data: biological parameters at individual level. This table will be filled in only for specimens (already entered in TC) for which individual measures have been collected. LENGTH_CLASSES_CODE and LENGTH_CLASS between TC and TE should be consistent			
*	name_of_survey	varchar DEFAULT 'MEDITS'::character varying	MEDITS - Fixed value
	type_of_file	varchar DEFAULT 'TE'::character varying	TE, Fixed value
*	country	varchar(3)	See Annex I - ISO Code
*	area	varchar(7)	See Annex III - GFCM Code
*	vessel	varchar(7)	See Annex I - MEDITS Code
*	year	smallint	Year
*	month	smallint	Month
*	day	smallint	Day
*	haul_number	smallint	1 to 999 - One series by vessel/year
	faunistic_category	varchar(7)	See Annexe V - MEDITS code
*	genus	varchar(4)	See Annex XV - Following the Reference List
*	species	varchar(3)	See Annex XV - Following the Reference List
*	length_classes_code	varchar(3)	m, 0 - Type of classes: m: 1 mm; 0: 0.5 cm
*	sex	varchar(2)	M, F, I, N - M: male; F: female; I: indetermined; N: not determined
	no_per_sex_measured_in_sub_sample_for_otoolith	integer	0 to 999999 - Number of individuals of the above sex measured in the sub-sample for otolith
*	length_class	integer	1 to 9999 - Identifier: lower limit of the class in mm; e.g. 30.5-31 cm ->305 (LENGTH_CLASS_CODE:0)
*	maturity	varchar(3)	0 to 4 - See Annexes VIIIA-VIIIe maturity codes are according to the blue column
	matsub	varchar(7)	from A to E - See Annexes VIIIA-VIIIe maturity codes are according to the blue column
*	individual_weight	integer	0 to 999999; ND: not determined - It is mandatory only for the species in List G1. See Annex VI
	no_per_sex_measured_in_sub_sample_for_weight	integer	1 to 999999 - Number of individuals of the above sex measured in the sub-sample for individual weight
*	otoolith_sampled	varchar(2)	Y or N* for Teleosts and NR for the other species - Y: otolith sampled; N: otolith not sampled; NR: not requested; for species in G1 list see Annex VI
	no_per_sex_measured_in_sub_sample_for_ageing	integer	0 to 999999 - Number of individuals of the above sex measured in the sub-sample for ageing
	otoolith_read	varchar(64)	Y or N for Teleosts and NR for the other species - NR: not requested; Y: otolith read; N: otolith not read
*	age	integer	-1 to 99 for Teleosts, UR for unreadable, NR for the other species; -1 reading in progress or length class completed - Also decimal number for age (e.g. 10.5); NR: not requested; for species in G1 list see Annex VI UR unreadable otolith
* PK	otoolith_code	varchar(64)	[Country] [GSA] [Vessel] [Year] [Haul] [Genr_Spec] [Stage] [Sex] [Length] [individual code] - ITA10PEC2012100MULL_BAR2AM110_XXXXXX

Table medbs_rdb_schema.meditations

record_number		integer	Record identifier by year
Indexes			
Type	Name	On	Description
Pk	meditations_pkey	otolith_code	
Foreign Keys			
Type	Name	On	Description
	fk_meditations_tb_meditations_tb (country, area, vessel, year, month, day, haul_number, genus, species) ref meditations_tb (country, area, vessel, year, month, day, haul_number, genus, species)		
	fk_area\$p_meditations_area (area) ref p_meditations_area (gsa)		
	fk_country\$country (country) ref p_country (country_cd)		
	fk_faunistic_category\$p_meditations_cd_taxonomic_categories (faunistic_category) ref p_meditations_cd_taxonomic_categories (meditations_cd)		
	fk_vessel\$p_meditations_vessels (vessel) ref p_meditations_vessels (vessel_cd)		
Constraints			
Name	Definition	Description	
chk_day_smrt	(day)::numeric >= (1)::numeric) AND ((day)::numeric <= (CASE WHEN ((month)::numeric = (2)::numeric) THEN 28 ELSE CASE WHEN ((month)::numeric = ANY (ARRAY[(1)::numeric, (3)::numeric, (5)::numeric, (7)::numeric, (8)::numeric, (10)::numeric, (12)::numeric])) THEN 31 ELSE 30 END END)::numeric		
chk_haul_number	(haul_number)::numeric >= (1)::numeric) AND ((haul_number)::numeric <= (999)::numeric		
chk_individual_weight	(individual_weight)::numeric >= (0)::numeric) AND ((individual_weight)::numeric <= (999999)::numeric		
chk_length_class	(length_class)::numeric >= (0)::numeric) AND ((length_class)::numeric <= (9999)::numeric		
chk_length_classes_code	length_classes_code)::text = ANY (ARRAY[('m'::character varying)::text, ('0'::character varying)::text]		
chk_month	(month)::numeric >= (1)::numeric) AND ((month)::numeric <= (12)::numeric		
chk_age	(age)::numeric >= ('-1'::integer)::numeric) AND ((age)::numeric <= (99)::numeric		

Table medbs_rdb_schema.meditits_te

chk_no_per_sex_measured_in_sub_sample_for_otolith	(no_per_sex_measured_in_sub_sample_for_otolith)::numeric >= (0)::numeric) AND ((no_per_sex_measured_in_sub_sample_for_otolith)::numeric <= (999999)::numeric
chk_no_per_sex_measured_in_sub_sample_for_weight	(no_per_sex_measured_in_sub_sample_for_weight)::numeric >= (0)::numeric) AND ((no_per_sex_measured_in_sub_sample_for_weight)::numeric <= (999999)::numeric
chk_otolith_read	otolith_read)::text = ANY (ARRAY[('Y'::character varying)::text, ('N'::character varying)::text, ('NR'::character varying)::text]
chk_otolith_sampled	otolith_sampled)::text = ANY (ARRAY[('Y'::character varying)::text, ('N'::character varying)::text, ('NR'::character varying)::text]
chk_sex	sex)::text = ANY (ARRAY[('F'::character varying)::text, ('M'::character varying)::text, ('I'::character varying)::text, ('N'::character varying)::text]
chk_year_meditis	(year)::numeric >= (1994)::numeric) AND ((year)::numeric <= (date_part('year'::text, now()))::numeric
chk_no_per_sex_measured_in_sub_sample_for_ageing	(no_per_sex_measured_in_sub_sample_for_ageing)::numeric >= (0)::numeric) AND ((no_per_sex_measured_in_sub_sample_for_ageing)::numeric <= (999999)::numeric

Table medbs_rdb_schema.meditits_tl

Idx	Name	Data Type	Description
MEDITS TL data, litter recording			
*	name_of_survey	varchar DEFAULT 'MEDITS'::character varying	MEDITS - Fixed value
	type_of_file	varchar DEFAULT 'TL'::character varying	TL - Fixed value
* PK	country	varchar(3)	See Annex I - ISO Code
* PK	area	varchar(7)	See Annex III - GFCM Code
* PK	vessel	varchar(7)	See Annex I - MEDITS Code
* PK	year	smallint	Year
* PK	month	smallint	Month
* PK	day	smallint	Day
* PK	haul_number	smallint	1 to 999 - One series by vessel/year
* PK	litter_category	varchar(2)	LITTER CATEGORY, from L1 to L9 and L0 (no litter), Annexe XVII

Table medbs_rdb_schema.meditals_t1

* Pk	litter_sub_category	varchar(2)	LITTER SUB CATEGORY, from a to j or 0, Annexe XVII or NA
	total_weight_in_the_category_haul	integer	TOTAL WEIGHT IN THE CATEGORY HAUL, 0 to 9999999, for the given category, in grams (facultative) or NA
	total_number_in_the_category_haul	integer	TOTAL NUMBER IN THE CATEGORY HAUL, 0 to 9999999, for the given category
	total_weight_in_the_sub_category_haul	integer	TOTAL WEIGHT IN THE SUB CATEGORY HAUL, 0 to 9999999, for the given category, in grams (facultative) or NA
	total_number_in_the_sub_category_haul	integer	TOTAL NUMBER IN THE SUB CATEGORY HAUL, 0 to 9999999, for the given category (facultative) or NA
	notes	varchar(254)	Notes

Indexes

Type	Name	On	Description
Pk	medits_t1_pkey	country, area, vessel, year, month, day, haul_number, litter_category, litter_sub_category	

Foreign Keys

Type	Name	On	Description
	fk_vessel\$p_meditals_vessels (vessel) ref p_meditals_vessels (vessel_cd)		
	fk_meditals_t1\$medits_ta (month, year, haul_number, vessel, day, area, country) ref medits_ta (month, year, haul_number, vessel, day, area, country)		
	fk_area\$p_meditals_area (area) ref p_meditals_area (gsa)		
	fk_country\$country (country) ref p_country (country_cd)		
	fk_litter_category\$p_meditals_litter_category (litter_category) ref p_meditals_litter_category (medits_litter_category_cd)		

Constraints

Name	Definition	Description
chk_haul_number	(haul_number)::numeric >= (1)::numeric) AND ((haul_number)::numeric <= (999)::numeric	
chk_month	(month)::numeric >= (1)::numeric) AND ((month)::numeric <= (12)::numeric	
chk_total_number_in_the_category_haul	(total_number_in_the_category_haul)::numeric >= (0)::numeric) AND ((total_number_in_the_category_haul)::numeric <= (9999999)::numeric	
chk_day_smrt	(day)::numeric >= (1)::numeric) AND ((day)::numeric <= (CASE WHEN ((month)::numeric = (2)::numeric) THEN 28 ELSE CASE WHEN ((month)::numeric = ANY (ARRAY[(1)::numeric, (3)::numeric, (5)::numeric, (7)::numeric, (8)::numeric, (10)::numeric, (12)::numeric])) THEN 31 ELSE 30 END END)::numeric	

Table medbs_rdb_schema.meditations

chk_total_weight_in_the_category_haul	((total_weight_in_the_category_haul)::numeric >= (0)::numeric) AND ((total_weight_in_the_category_haul)::numeric <= (9999999)::numeric)
chk_total_weight_in_the_sub_category_haul	((total_weight_in_the_sub_category_haul)::numeric >= (0)::numeric) AND ((total_weight_in_the_sub_category_haul)::numeric <= (9999999)::numeric)
chk_year_meditations	((year)::numeric >= (1994)::numeric) AND ((year)::numeric <= (date_part('year', now()))::numeric)
chk_total_number_in_the_sub_category_haul	((total_number_in_the_sub_category_haul)::numeric >= (0)::numeric) AND ((total_number_in_the_sub_category_haul)::numeric <= (9999999)::numeric)