ActivitySubBottomProfilers

PK		
	id	INTEGER
FK1	activityapplication_id	INTEGER
	source	VARCHAR(10)
	frequency	INTEGER
	sound_pressure_level	INTEGER
	sound_exposure_level	INTEGER
	frequency_actual	INTEGER
	sound_pressure_level_actual	INTEGER
	sound_exposure_level_actual	INTEGER

ActivitySeismic

PK		
	id	INTEGER
FK1	activityapplication_id	INTEGER
	survey_type	VARCHAR(10)
	data_type	VARCHAR(2)
	other_survey_type	VARCHAR(50)
	max_airgun_volume	INTEGER
	sound_pressure_level	INTEGER
	sound_exposure_level	INTEGER
	max_airgun_volume_actual	INTEGER
	sound_pressure_level_actual	INTEGER
	sound_exposure_level_actual	INTEGER

AppUser

PK		
	id	INTEGER
	password	VARCHAR(20)
	fullname	VARCHAR(50)
	email_address	VARCHAR(50)
	phone	VARCHAR(20)
	date_registered	DATETIME
	date_last_login	DATETIME
	verification_status	VARCHAR(20)
	verification_token	VARCHAR(50)
	auth_token	VARCHAR(50)
	auth_token_expiry	DATETIME

ActivityPiling

PK		
	id	INTEGER
FK1	activityapplication_id	INTEGER
	max_hammer_energy	INTEGER
	sound_pressure_level	INTEGER
	sound_exposure_level	INTEGER
	max_hammer_energy_actual	INTEGER
	sound_pressure_level_actual	INTEGER
	sound_exposure_level_actual	INTEGER

ActivityType

PK		
	id	INTEGER
	Name	VARCHAR(30)

OrgUser

PK		
	id	INTEGER
FK1	organisation_id	INTEGER
FK2	appuser_id	INTEGER
	administrator	BIT
	status	VARCHAR(20)

ActivityExplosives

PK		
	id	INTEGER
FK1	activityapplication_id	INTEGER
	tnt_equivalent	DOUBLE
	sound_pressure_level	INTEGER
	sound_exposure_level	INTEGER
	tnt_equivalent_actual	INTEGER
	sound_pressure_level_actual	INTEGER
	sound_exposure_level_actual	INTEGER

ActivityApplication

PK		
	id	INTEGER
FK3	noiseproducer_id	INTEGER
FK2	regulator_id	INTEGER
FK1	activitytype_id	INTEGER
	status	VARCHAR(10)
	non_licensable	BIT
	date_start	DATETIME
	date_end	DATETIME
	date_due	DATETIME
	date_closed	DATETIME
	date_updated	DATETIME
	duration	INTEGER
FK4	parent_id	INTEGER

Organisation

PK		
	id	LONG
	organisation_name	VARCHAR(50)
	contact_name	VARCHAR(50)
	contact_email	VARCHAR(50)
	contact_phone	VARCHAR(20)

ActivityAcousticDD

PK		
	id	INTEGER
FK1	activityapplication_id	INTEGER
	frequency	INTEGER
	sound_pressure_level	INTEGER
	sound_exposure_level	INTEGER
	frequency_actual	INTEGER
	sound_pressure_level_actual	INTEGER
	sound_exposure_level_actual	INTEGER

NoiseProducer

PK		
	id	INTEGER
FK1	organisation_id	INTEGER

Regulator

PK		
	id	INTEGER
FK1	organisation_id	INTEGER
	closeoutdays	INTEGER
	accepts_email	BIT

ActivityMultibeamES

PK		
	id	INTEGER
FK1	activityapplication_id	INTEGER
	frequency	INTEGER
	sound_pressure_level	INTEGER
	sound_exposure_level	INTEGER
	frequency_actual	INTEGER
	sound_pressure_level_actual	INTEGER
	sound_exposure_level_actual	INTEGER

ActivityLocation

PK		
	id	INTEGER
FK1	activityapplication_id	INTEGER
	entered_ogb_code	VARCHAR(10)
	entered_point	BINARY(1000)
	entered_polygon	BINARY(1000)
	creation_type	VARCHAR(10)
	no_activity	BIT
	decomposed	BIT

ActivityMoD

PK		
	id	INTEGER
FK1	activityapplication_id	INTEGER
	source	VARCHAR(20)

ActivityLocationDate

PK		
	id	INTEGER
FK1	activitylocation_id	INTEGER
	activity_date	DATETIME

Fields named id are actually SERIAL;
date_updated is actually TIMESTAMP;
types shown as BINARY(1000) are actually
type GEOMETRY (either POINT or POLYGON)

Application status values: Draft, Proposed, Interim Close-out, Closed
Location creation_type values: Proposed, Additional

OilAndGasBlock

PK		
	id	INTEGER
	block_code	VARCHAR(10)
	quadrant	VARCHAR(3)
	lessthan_five	BIT
	tw_code	VARCHAR(1)
	split_block	BIT
	assignment_block_code	VARCHAR(10)
	point_req	BIT
	geom	BINARY(1000)

Sound exposure level in dB re 1μPa2.s
Sound pressure level in dB re 1μPa (peak)
Frequency in hertz except ADD frequency in kilohertz
Max airgun volume in cubic inches
Max hammer energy in kilojoules
TNT equivalent in kilograms (1 decimal place)
Duration in days