

**OSS Database Schema (Original, version 0.2):**

<b>Database</b>	name = <b>oss</b>
<i>Username</i> s	
postgres	an administrator user with full privileges
oss	a user with read-write privileges to the table
oss_ro	a user with read-only privileges to the table

<b>Table</b>	name = <b>oss_data</b>		
Name	PostgreSQL Type	Units	Description
<i>Key(s)</i>			
id	SERIAL	N/A	auto-incrementing value serving as primary key
<i>Required</i>			
obs_id	TEXT	N/A	the ID for the observation; eg, 23A-009.sb44064681.eb44070394
site_id	TEXT	N/A	an identifier for the site/instrument; eg, vla, gbt, vlba_hn, etc
site_lat	DOUBLE PRECISION	Degrees	the latitude of site/instrument
site_long	DOUBLE PRECISION	Degrees	the longitude of the site/instrument
site_elev	DOUBLE PRECISION	Meters	The elevation of the site/instrument
src_ra	DOUBLE PRECISION	Degrees	the right ascension of the source/target
src_dec	DOUBLE PRECISION	Degrees	the declination of the source/target
src_radius	DOUBLE PRECISION	Degrees	the radius around the source/target
src_start_utc	TIMESTAMP	UTC	the start time of this observing interval
src_end_utc	TIMESTAMP	UTC	the end time of this observing interval
freqs	NUMRANGE[]	Hz	the lower limit frequency used during this interval
created_utc	TIMESTAMP	UTC	the date/time the row was created/added to the table
<i>Optional</i>			
src_id	TEXT	N/A	an identifier for the source/target observed during time interval
notes	TEXT	N/A	notes that add context to the data

SQL to create table	
	<pre> CREATE TABLE oss_data {     id serial PRIMARY KEY,     obs_id text NOT NULL,     site_id text NOT NULL,     site_lat double precision NOT NULL,     site_long double precision NOT NULL,     site_elev double precision NOT NULL,     src_ra double precision NOT NULL,     src_dec double precision,     src_radius double precision,     src_start_utc timestamp NOT NULL,     src_end_utc timestamp NOT NULL,     freqs numrange[] NOT NULL,     created_utc timestamp default current_timestamp,     src_id text,     notes text } </pre>