

SystemSetting		
id	serial	
setting_key	varchar(100)	NN
setting_value	text	
description	text	
is_json	boolean	NN
created_at	timestamp	NN
updated_at	timestamp	NN

SiteImage		
id	uuid	
image_url	varchar(512)	NN
caption	text	
alt_text	varchar(255)	
display_context	varchar(100)	NN
link_url	varchar(512)	
sort_order	integer	
is_active	boolean	NN
uploaded_at	timestamp	NN
created_at	timestamp	NN
updated_at	timestamp	NN

Article		
id	uuid	
title	varchar(255)	NN
slug	varchar(255)	NN
content	text	NN
excerpt	text	
author_user_id	uuid	
status	varchar(20)	NN
published_at	timestamp	
event_start_date	timestamp	
event_end_date	timestamp	
category	varchar(100)	
tags	varchar[]	
featured_image_url	varchar(512)	
allow_comments	boolean	NN
created_at	timestamp	NN
updated_at	timestamp	NN

ArticleComment		
id	uuid	
article_id	uuid	NN
user_id	uuid	NN
parent_comment_id	uuid	
content	text	NN
created_at	timestamp	NN
updated_at	timestamp	NN

UserCallsignLink		
user_id	uuid	NN
callsign_id	uuid	NN
is_primary_for_user	boolean	NN
relationship_notes	text	
can_log_for	boolean	NN
can_announce_for	boolean	NN
created_at	timestamp	NN

User		
id	uuid	
email	varchar(255)	NN
password_hash	varchar(255)	NN
full_name	varchar(255)	
role	UserRole	E NN
member_since	timestamp	
member_id_club	varchar(50)	
profile_info	jsonb	
created_at	timestamp	NN
updated_at	timestamp	NN

LogBook		
id	uuid	
hunter_callsign_id	uuid	NN
submitter_user_id	uuid	NN
activity_announcement_id	uuid	NN
contact_time	timestamp	NN
band	varchar(20)	
frequency	decimal(10,3)	
mode	varchar(20)	
rst_sent	varchar(10)	
rst_received	varchar(10)	
exchange_info	jsonb	
notes	text	
status	LogBookStatus	E NN
validated_by_user_id	uuid	
validated_at	timestamp	
validation_notes	text	
created_at	timestamp	NN
updated_at	timestamp	NN

ActivatorEvidence		
id	uuid	
activity_announcement_id	uuid	NN
uploader_user_id	uuid	NN
file_type	ActivatorEvidenceFileType	E NN
file_url_or_path	varchar(512)	NN
description	text	
uploaded_at	timestamp	NN
status	ActivatorEvidenceStatus	E NN
validator_notes	text	
validated_by_user_id	uuid	
validated_at	timestamp	

AwardProgress		
id	uuid	
callsign_id	uuid	NN
award_instance_id	uuid	NN
status	AwardProgressStatus	E NN
progress_details	jsonb	
achieved_date	timestamp	
claimed_at	timestamp	
awarded_date	timestamp	
certificate_url	varchar(512)	
created_at	timestamp	NN
updated_at	timestamp	NN

AwardInstance		
id	uuid	
award_definition_id	uuid	NN
instance_name	varchar(255)	NN
start_date	timestamp	NN
end_date	timestamp	
description_override	text	
is_active	boolean	NN
managed_by_user_id	uuid	
created_at	timestamp	NN
updated_at	timestamp	NN

ActivityAnnouncement		
id	uuid	
announcer_user_id	uuid	NN
activator_callsign_id	uuid	NN
reference_id	uuid	NN
award_instance_id	uuid	NN
start_time	timestamp	NN
end_time	timestamp	NN
evidence_submission_deadline	timestamp	
operating_modes	varchar[]	
frequencies	varchar[]	
notes	text	
status	ActivityStatus	E NN
validated_qso_count	integer	
admin_notes	text	
approved_by_user_id	uuid	
approved_at	timestamp	
created_at	timestamp	NN
updated_at	timestamp	NN

AwardProgram		
id	serial	
program_name	varchar(100)	NN
description	text	
created_at	timestamp	NN

AwardDefinition		
id	uuid	
name	varchar(255)	NN
short_code	varchar(20)	NN
description	text	
rules_summary	text	
rules_document_url	varchar(512)	
category_id	integer	NN
award_program_id	integer	NN
parent_award_definition_id	uuid	
manager_notes	text	
is_globally_active	boolean	NN
created_by_user_id	uuid	NN
created_at	timestamp	NN
updated_at	timestamp	NN

Reference		
id	uuid	
award_program_id	integer	NN
reference_code	varchar(50)	NN
name	varchar(255)	NN
description	text	
dme_code	varchar(20)	
wca_code	varchar(20)	
province	varchar(100)	
municipality	varchar(100)	
latitude	decimal(9,6)	
longitude	decimal(9,6)	
location_details	jsonb	
kml_gpx_file_url	varchar(512)	
is_active	boolean	NN
created_at	timestamp	NN
updated_at	timestamp	NN

DownloadableItem		
id	uuid	
name	varchar(255)	NN
description	text	
file_url	varchar(512)	NN
category	varchar(100)	
award_program_id	integer	
upload_date	timestamp	NN
is_active	boolean	NN
download_count	integer	NN
version	varchar(20)	
created_at	timestamp	NN
updated_at	timestamp	NN

AwardCategory		
id	serial	
category_name	varchar(100)	NN
description	text	
created_at	timestamp	NN

SystemSetting		
id <span>🔑</span>	serial	
setting_key	varchar(100) <b>NN</b>	
setting_value	text	
description	text	
is_json	boolean <b>NN</b>	
created_at	timestamp <b>NN</b>	
updated_at	timestamp <b>NN</b>	

SiteImage		
id <span>🔑</span>	uuid	
image_url	varchar(512) <b>NN</b>	
caption	text	
alt_text	varchar(255)	
display_context	varchar(100) <b>NN</b>	
link_url	varchar(512)	
sort_order	integer	
is_active	boolean <b>NN</b>	
uploaded_at	timestamp <b>NN</b>	
created_at	timestamp <b>NN</b>	
updated_at	timestamp <b>NN</b>	

Article		
id <span>🔑</span>	uuid	
title	varchar(255) <b>NN</b>	
slug	varchar(255) <b>NN</b>	
content	text <b>NN</b>	
excerpt	text	
author_user_id	uuid	
status	varchar(20) <b>NN</b>	
published_at	timestamp	
event_start_date	timestamp	
event_end_date	timestamp	
category	varchar(100)	
tags	varchar[]	
featured_image_url	varchar(512)	
allow_comments	boolean <b>NN</b>	
created_at	timestamp <b>NN</b>	
updated_at	timestamp <b>NN</b>	

ArticleComment		
id <span>🔑</span>	uuid	
article_id	uuid <b>NN</b>	
user_id	uuid <b>NN</b>	
parent_comment_id	uuid	
content	text <b>NN</b>	
created_at	timestamp <b>NN</b>	
updated_at	timestamp <b>NN</b>	

UserCallsignLink		
user_id <span>🔑</span>	uuid <b>NN</b>	
callsign_id <span>🔑</span>	uuid <b>NN</b>	
is_primary_for_user	boolean <b>NN</b>	
relationship_notes	text	
can_log_for	boolean <b>NN</b>	
can_announce_for	boolean <b>NN</b>	
created_at	timestamp <b>NN</b>	

Callsign		
id <span>🔑</span>	uuid	
call_sign_value	varchar(20) <b>NN</b>	
operator_name	varchar(255)	
country_entity	varchar(100)	
notes	text	
is_active	boolean <b>NN</b>	
created_at	timestamp <b>NN</b>	
updated_at	timestamp <b>NN</b>	

User		
id <span>🔑</span>	uuid	
email	varchar(255) <b>NN</b>	
password_hash	varchar(255) <b>NN</b>	
full_name	varchar(255)	
role	UserRole <b>E NN</b>	
member_since	timestamp	
member_id_club	varchar(50)	
profile_info	jsonb	
created_at	timestamp <b>NN</b>	
updated_at	timestamp <b>NN</b>	

LogBook		
id <span>🔑</span>	uuid	
hunter_callsign_id	uuid <b>NN</b>	
submitter_user_id	uuid <b>NN</b>	
activity_announcement_id	uuid <b>NN</b>	
contact_time	timestamp <b>NN</b>	
band	varchar(20)	
frequency	decimal(10,3)	
mode	varchar(20)	
rst_sent	varchar(10)	
rst_received	varchar(10)	
exchange_info	jsonb	
notes	text	
status	LogBookStatus <b>E NN</b>	
validated_by_user_id	uuid	
validated_at	timestamp	
validation_notes	text	
created_at	timestamp <b>NN</b>	
updated_at	timestamp <b>NN</b>	

ActivatorEvidence		
id <span>🔑</span>	uuid	
activity_announcement_id	uuid <b>NN</b>	
uploader_user_id	uuid <b>NN</b>	
file_type	ActivatorEvidenceFileType <b>E NN</b>	
file_url_or_path	varchar(512) <b>NN</b>	
description	text	
uploaded_at	timestamp <b>NN</b>	
status	ActivatorEvidenceStatus <b>E NN</b>	
validator_notes	text	
validated_by_user_id	uuid	
validated_at	timestamp	

AwardProgress		
id <span>🔑</span>	uuid	
callsign_id	uuid <b>NN</b>	
award_instance_id	uuid <b>NN</b>	
status	AwardProgressStatus <b>E NN</b>	
progress_details	jsonb	
achieved_date	timestamp	
claimed_at	timestamp	
awarded_date	timestamp	
certificate_url	varchar(512)	
created_at	timestamp <b>NN</b>	
updated_at	timestamp <b>NN</b>	

AwardInstance		
id <span>🔑</span>	uuid	
award_definition_id	uuid <b>NN</b>	
instance_name	varchar(255) <b>NN</b>	
start_date	timestamp <b>NN</b>	
end_date	timestamp	
description_override	text	
is_active	boolean <b>NN</b>	
managed_by_user_id	uuid	
created_at	timestamp <b>NN</b>	
updated_at	timestamp <b>NN</b>	

ActivityAnnouncement		
id <span>🔑</span>	uuid	
announcer_user_id	uuid <b>NN</b>	
activator_callsign_id	uuid <b>NN</b>	
reference_id	uuid <b>NN</b>	
award_instance_id	uuid <b>NN</b>	
start_time	timestamp <b>NN</b>	
end_time	timestamp <b>NN</b>	
evidence_submission_deadline	timestamp	
operating_modes	varchar[]	
frequencies	varchar[]	
notes	text	
status	ActivityStatus <b>E NN</b>	
validated_qso_count	integer	
admin_notes	text	
approved_by_user_id	uuid	
approved_at	timestamp	
created_at	timestamp <b>NN</b>	
updated_at	timestamp <b>NN</b>	

AwardProgram		
id <span>🔑</span>	serial	
program_name	varchar(100) <b>NN</b>	
description	text	
created_at	timestamp <b>NN</b>	

AwardDefinition		
id <span>🔑</span>	uuid	
name	varchar(255) <b>NN</b>	
short_code	varchar(20) <b>NN</b>	
description	text	
rules_summary	text	
rules_document_url	varchar(512)	
category_id	integer <b>NN</b>	
award_program_id	integer <b>NN</b>	
parent_award_definition_id	uuid	
manager_notes	text	
is_globally_active	boolean <b>NN</b>	
created_by_user_id	uuid <b>NN</b>	
created_at	timestamp <b>NN</b>	
updated_at	timestamp <b>NN</b>	

Reference		
id <span>🔑</span>	uuid	
award_program_id	integer <b>NN</b>	
reference_code	varchar(50) <b>NN</b>	
name	varchar(255) <b>NN</b>	
description	text	
dme_code	varchar(20)	
wca_code	varchar(20)	
province	varchar(100)	
municipality	varchar(100)	
latitude	decimal(9,6)	
longitude	decimal(9,6)	
location_details	jsonb	
kml_gpx_file_url	varchar(512)	
is_active	boolean <b>NN</b>	
created_at	timestamp <b>NN</b>	
updated_at	timestamp <b>NN</b>	

DownloadableItem		
id <span>🔑</span>	uuid	
name	varchar(255) <b>NN</b>	
description	text	
file_url	varchar(512) <b>NN</b>	
category	varchar(100)	
award_program_id	integer	
upload_date	timestamp <b>NN</b>	
is_active	boolean <b>NN</b>	
download_count	integer <b>NN</b>	
version	varchar(20)	
created_at	timestamp <b>NN</b>	
updated_at	timestamp <b>NN</b>	

AwardCategory		
id <span>🔑</span>	serial	
category_name	varchar(100) <b>NN</b>	
description	text	
created_at	timestamp <b>NN</b>	

```
Enum UserRole {
  guest
  registered_user
  member
  activator
  diploma_manager
  admin
}
```

```
Enum ActivityStatus {
  pending_approval
  approved
  rejected
  active
  completed
  evidence_submission_deadline_passed
  evidence_submitted
  evidence_validated
  evidence_rejected
  cancelled
}
```

```
Enum LogBookStatus {
  pending_validation
  confirmed
  rejected
  disputed
}
```

```
Enum AwardProgressStatus {
  in_progress
  achieved
  pending_claim
  awarded
}
```

```
Enum ActivatorEvidenceFileType {
  log_adi
  image_setup
  image_qsl
  video_proof
  other
}
```

```
Enum ActivatorEvidenceStatus {
  pending_validation
  validated
  rejected
}
```