

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	serial	
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

UserCallsign		
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

ActivityLogbook		
id	uuid	
hunter_callsign_id	uuid	NN
submitter_user_id	uuid	NN
activity_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	ActivityLogbookStatus	E NN
validated_by_user_id	uuid	
validated_at	timestamp	
validation_notes	text	
created_at	timestamp	NN
updated_at	timestamp	NN

AwardEventProgress		
id	uuid	
callsign_id	uuid	NN
award_event_id	uuid	NN
status	AwardEventProgressStatus	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

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

Activity		
id	uuid	
announcer_user_id	uuid	NN
activator_callsign_id	uuid	NN
call_sign_used_display	varchar(20)	NN
start_time	timestamp	NN
end_time	timestamp	NN
evidence_submission_deadline	timestamp	
operating_modes	varchar[]	
frequencies	varchar[]	
notes	text	
status	ActivityStatus	E NN
admin_notes	text	
approved_by_user_id	uuid	
approved_at	timestamp	
created_at	timestamp	NN
updated_at	timestamp	NN

ActivityEvidence		
id	uuid	
activity_id	uuid	NN
uploader_user_id	uuid	NN
file_type	ActivityEvidenceFileType	E NN
file_url_or_path	varchar(512)	NN
description	text	
uploaded_at	timestamp	NN
status	ActivityEvidenceStatus	E NN
validator_notes	text	
validated_by_user_id	uuid	
validated_at	timestamp	

ActivityAwardContribution		
activity_id	uuid	NN
award_event_id	uuid	NN
validated_qso_count_for_award	integer	

ActivatedReference		
activity_id	uuid	NN
reference_id	uuid	NN

AwardGroup		
id	serial	
group_name	varchar(100)	NN
description	text	
created_at	timestamp	NN

Award		
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_group_id	integer	NN
is_meta_award	boolean	NN
meta_award_source_programs	integer[]	
manager_notes	text	
is_globally_active	boolean	NN
created_by_user_id	uuid	NN
created_at	timestamp	NN
updated_at	timestamp	NN

AwardAsset		
id	uuid	
name	varchar(255)	NN
description	text	
file_url	varchar(512)	NN
asset_type	varchar(100)	NN
award_group_id	integer	
award_event_id	uuid	
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

Reference		
id	uuid	
award_group_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

SystemSetting		
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setting_key	varchar(100)	NN
setting_value	text	
description	text	
is_json	boolean	NN
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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		
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title	varchar(255)	NN
slug	varchar(255)	NN
content	text	
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	NN
content	text	
created_at	timestamp	NN
updated_at	timestamp	NN

UserCallsign		
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

Callsign		
id	uuid	
call_sign_value	varchar(20)	NN
operator_name	varchar(255)	
country_entity	varchar(100)	
notes	text	
is_active	boolean	NN
created_at	timestamp	NN
updated_at	timestamp	NN

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

ActivityLogbook		
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activity_id	uuid	NN
contact_time	timestamp	NN
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frequency	decimal(10,3)	
mode	varchar(20)	
rst_sent	varchar(10)	
rst_received	varchar(10)	
exchange_info	jsonb	
notes	text	
status	ActivityLogbookStatus	NN
validated_by_user_id	uuid	
validated_at	timestamp	
validation_notes	text	
created_at	timestamp	NN
updated_at	timestamp	NN

AwardEventProgress		
id	uuid	
callsign_id	uuid	NN
award_event_id	uuid	NN
status	AwardEventProgressStatus	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

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

Activity		
id	uuid	
announcer_user_id	uuid	NN
activator_callsign_id	uuid	NN
call_sign_used_display	varchar(20)	NN
start_time	timestamp	NN
end_time	timestamp	NN
evidence_submission_deadline	timestamp	
operating_modes	varchar[]	
frequencies	varchar[]	
notes	text	
status	ActivityStatus	NN
admin_notes	text	
approved_by_user_id	uuid	
approved_at	timestamp	
created_at	timestamp	NN
updated_at	timestamp	NN

ActivityEvidence		
id	uuid	
activity_id	uuid	NN
uploader_user_id	uuid	NN
file_type	ActivityEvidenceFileType	NN
file_url_or_path	varchar(512)	NN
description	text	
uploaded_at	timestamp	NN
status	ActivityEvidenceStatus	NN
validator_notes	text	
validated_by_user_id	uuid	
validated_at	timestamp	

ActivityAwardContribution		
activity_id	uuid	NN
award_event_id	uuid	NN
validated_qso_count_for_award	integer	

ActivatedReference		
activity_id	uuid	NN
reference_id	uuid	NN

Award		
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_group_id	integer	NN
is_meta_award	boolean	NN
meta_award_source_programs	integer[]	
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_group_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

AwardAsset		
id	uuid	
name	varchar(255)	NN
description	text	
file_url	varchar(512)	NN
asset_type	varchar(100)	NN
award_group_id	integer	NN
award_event_id	uuid	NN
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

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

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

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

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

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

```
Enum ActivityEvidenceStatus {
    pending_validation
    validated
    rejected
}
```