



# pears.MasterRosterShift



Generated schema reference. Regenerate this page from the SQL unload; keep hand-maintained business notes in the narrative namespace.

## Description

Detail records for Master Rosters

## Columns

| Column                     | Type      | Null     | Default | Comment                                                                           |                                |
|----------------------------|-----------|----------|---------|-----------------------------------------------------------------------------------|--------------------------------|
| <b>MasterRosterShiftID</b> | char(20)  | NOT NULL |         |                                                                                   |                                |
| MasterRosterID             | char(20)  | NOT NULL |         |                                                                                   |                                |
| Description                | char(50)  | NOT NULL |         |                                                                                   |                                |
| NextDate                   | date      | NOT NULL |         |                                                                                   |                                |
| FinalDate                  | date      | NULL     |         |                                                                                   |                                |
| ShiftStartDate             | date      | NULL     |         |                                                                                   |                                |
| EssentialSkill             | char(15)  | NULL     |         | P                                                                                 | A;TagID;TagChoiceID;GradeTagID |
| EssentialSkillGradeID      | char(4)   | NULL     |         |                                                                                   |                                |
| EssentialSkillChoiceList   | char(100) | NULL     |         |                                                                                   |                                |
| TimeFrom                   | time      | NULL     |         |                                                                                   |                                |
| TimeTo                     | time      | NULL     |         |                                                                                   |                                |
| Moveable                   | smallint  | NULL     | 0       |                                                                                   |                                |
| Minutes                    | smallint  | NULL     |         | Fill if shorter<br>spell within the<br>timespan                                   |                                |
| BreakMinutes               | smallint  | NULL     |         |                                                                                   |                                |
| ReferenceRequired          | char(1)   | NULL     |         | on <E>ntry,<br><C>onfirmation,<br><T>imesheet<br>entry. Blank for<br>not required |                                |
| ClientMustConfirm          | smallint  | NULL     | 0       |                                                                                   |                                |
| TempMustConfirm            | smallint  | NULL     | 0       |                                                                                   |                                |
| TempShiftTypeID            | char(2)   | NULL     |         |                                                                                   |                                |



| Column                  | Type     | Null | Default | Comment |  |
|-------------------------|----------|------|---------|---------|--|
| AnalysisCode            | char(20) | NULL |         |         |  |
| RecoveryHours           | smallint | NULL | 0       |         |  |
| ClientNote              | char(50) | NULL |         |         |  |
| TempShiftTemplateID     | char(20) | NULL |         |         |  |
| DefaultPersonID         | char(20) | NULL |         |         |  |
| MasterRosterChangeLogID | char(20) | NULL |         |         |  |
| ReferenceCode           | char(20) | NULL |         |         |  |

## Primary Key

- MasterRosterShiftID

## Foreign Keys

| Constraint            | Columns                 | References                                                            | Delete/update action        |
|-----------------------|-------------------------|-----------------------------------------------------------------------|-----------------------------|
| MasterRoster          | MasterRosterID          | <a href="#">pears.MasterRoster (MasterRosterID)</a>                   | NOT NULL; ON DELETE CASCADE |
| TempShiftType         | TempShiftTypeID         | <a href="#">pears.TempShiftType (TempShiftTypeID)</a>                 |                             |
| TempShiftTemplate     | TempShiftTemplateID     | <a href="#">pears.TempShiftTemplate (TempShiftTemplateID)</a>         |                             |
| Person                | DefaultPersonID         | <a href="#">pears.Person (personid)</a>                               |                             |
| MasterRosterChangeLog | MasterRosterChangeLogID | <a href="#">pears.MasterRosterChangeLog (MasterRosterChangeLogID)</a> | ON DELETE CASCADE           |

## Referenced By

| Table                                           | Constraint        | Columns             | Referenced columns  |
|-------------------------------------------------|-------------------|---------------------|---------------------|
| <a href="#">pears.MasterRosterChangeLog</a>     | MasterRosterShift | MasterRosterShiftID | MasterRosterShiftID |
| <a href="#">pears.MasterRosterFailLog</a>       | MasterRosterShift | MasterRosterShiftID | MasterRosterShiftID |
| <a href="#">pears.MasterRosterShiftInstance</a> | MasterRosterShift | MasterRosterShiftID | MasterRosterShiftID |
| <a href="#">pears.TempShiftPlan</a>             | MasterRosterShift | MasterRosterShiftID | MasterRosterShiftID |

## Indexes

- No indexes found.



## Triggers

| Name                     | Timing | Event          |
|--------------------------|--------|----------------|
| MasterRosterShift_Insert | before | insert order 1 |

## Original SQL

```
-- IQX database structure split by table
-- Source: IQXDatabaseStructure - with comments.sql
-- Table: "pears"."MasterRosterShift"
-- Table comment: Detail records for Master Rosters
-- Statement count: 12

CREATE TABLE "pears"."MasterRosterShift" (
    "MasterRosterShiftID"          CHAR(20) NOT NULL
    , "MasterRosterID"              CHAR(20) NOT NULL
    , "Description"                 CHAR(50) NOT NULL
    , "NextDate"                   DATE NOT NULL
    , "FinalDate"                  DATE NULL
    , "ShiftStartDate"             DATE NULL
    , "EssentialSkill"             CHAR(15) NULL
    , "EssentialSkillGradeID"      CHAR(4) NULL
    , "EssentialSkillChoiceList"   CHAR(100) NULL
    , "TimeFrom"                   TIME NULL
    , "TimeTo"                     TIME NULL
    , "Moveable"                   SMALLINT NULL DEFAULT 0
    , "Minutes"                    SMALLINT NULL
    , "BreakMinutes"              SMALLINT NULL
    , "ReferenceRequired"          CHAR(1) NULL
    , "ClientMustConfirm"         SMALLINT NULL DEFAULT 0
    , "TempMustConfirm"           SMALLINT NULL DEFAULT 0
    , "TempShiftTypeID"           CHAR(2) NULL
    , "AnalysisCode"              CHAR(20) NULL
    , "RecoveryHours"             SMALLINT NULL DEFAULT 0
    , "ClientNote"                CHAR(50) NULL
    , "TempShiftTemplateID"        CHAR(20) NULL
    , "DefaultPersonID"           CHAR(20) NULL
    , "MasterRosterChangeLogID"    CHAR(20) NULL
    , "ReferenceCode"             CHAR(20) NULL
    , PRIMARY KEY ("MasterRosterShiftID" ASC)
)
GO

COMMENT ON COLUMN "pears"."MasterRosterShift"."EssentialSkill" IS
    'P|A;TagID;TagChoiceID;GradeTagID'
```



GO

```
COMMENT ON COLUMN "pears"."MasterRosterShift"."Minutes" IS  
    'Fill if shorter spell within the timespan'
```

GO

```
COMMENT ON COLUMN "pears"."MasterRosterShift"."ReferenceRequired" IS  
    'on <E>ntry, <C>onfirmation, <T>imesheet entry. Blank for not required'
```

GO

```
COMMENT ON TABLE "pears"."MasterRosterShift" IS  
    'Detail records for Master Rosters'
```

GO

```
ALTER TABLE "pears"."MasterRosterShift"  
    ADD NOT NULL FOREIGN KEY "MasterRoster" ("MasterRosterID" ASC)  
    REFERENCES "pears"."MasterRoster" ("MasterRosterID")  
    ON DELETE CASCADE
```

GO

```
ALTER TABLE "pears"."MasterRosterShift"  
    ADD FOREIGN KEY "TempShiftType" ("TempShiftTypeID" ASC)  
    REFERENCES "pears"."TempShiftType" ("TempShiftTypeID")
```

GO

```
ALTER TABLE "pears"."MasterRosterShift"  
    ADD FOREIGN KEY "TempShiftTemplate" ("TempShiftTemplateID" ASC)  
    REFERENCES "pears"."TempShiftTemplate" ("TempShiftTemplateID")
```

GO

```
ALTER TABLE "pears"."MasterRosterShift"  
    ADD FOREIGN KEY "Person" ("DefaultPersonID" ASC)  
    REFERENCES "pears"."Person" ("personid")
```

GO

```
ALTER TABLE "pears"."MasterRosterShift"  
    ADD FOREIGN KEY "MasterRosterChangeLog" ("MasterRosterChangeLogID" ASC)  
    REFERENCES "pears"."MasterRosterChangeLog" ("MasterRosterChangeLogID")  
    ON DELETE CASCADE
```

GO



```
CREATE TRIGGER "MasterRosterShift_Insert" BEFORE INSERT ORDER 1 ON
"pears"."MasterRosterShift"
REFERENCING NEW AS "new_sh"
FOR each ROW
BEGIN
    SET "new_sh"."shiftstartdate" = "new_sh"."nextdate"
END
GO
```

```
COMMENT TO PRESERVE FORMAT ON TRIGGER
"pears"."MasterRosterShift"."MasterRosterShift_Insert" IS
{CREATE TRIGGER MasterRosterShift_Insert
    BEFORE INSERT ORDER 1 ON
pears.MasterRosterShift
REFERENCING NEW AS new_sh
FOR each ROW
BEGIN
    SET new_sh.shiftstartdate = new_sh.nextdate
END
}
GO
```

From:

<https://iqxusers.co.uk/iqxhelp/> - iqx

Permanent link:

[https://iqxusers.co.uk/iqxhelp/doku.php?id=database:tables:pears\\_masterrostershift](https://iqxusers.co.uk/iqxhelp/doku.php?id=database:tables:pears_masterrostershift)

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