**以下数据表全部是mysql数据库**

#### 1 挂靠数据表，按utc1所属年份分表

CREATE TABLE `tbas\_2011` (

`id` BIGINT(20) UNSIGNED NOT NULL DEFAULT '0',

`mmsi` INT(10) UNSIGNED NOT NULL DEFAULT '0',

`portid` INT(10) UNSIGNED NOT NULL DEFAULT '0',

`preportid` INT(10) UNSIGNED NOT NULL DEFAULT '0',

`preportutc3` INT(10) UNSIGNED NOT NULL DEFAULT '0',

`utc1` INT(10) UNSIGNED NOT NULL DEFAULT '0',

`areaid1` INT(10) UNSIGNED NOT NULL DEFAULT '0',

`areatype1` INT(10) UNSIGNED NOT NULL DEFAULT '0' COMMENT '1锚地2港区3码头4泊位',

`utc2` INT(10) UNSIGNED NOT NULL DEFAULT '0',

`areaid2` INT(10) UNSIGNED NOT NULL DEFAULT '0',

`areatype2` INT(10) UNSIGNED NOT NULL DEFAULT '0',

`utc3` INT(10) UNSIGNED NOT NULL DEFAULT '0',

`areaid3` INT(10) UNSIGNED NOT NULL DEFAULT '0',

`areatype3` INT(10) UNSIGNED NOT NULL DEFAULT '0',

PRIMARY KEY (`id`),

INDEX `idx\_mmsi` (`mmsi`),

INDEX `idx\_portid` (`portid`),

INDEX `idx\_utc1` (`utc1`),

INDEX `idx\_utc2` (`utc2`),

INDEX `idx\_utc3` (`utc3`),

INDEX `idx\_preportid` (`preportid`),

INDEX `idx\_areatype2` (`areatype2`)

)

COMMENT='二次挂靠表样例'

COLLATE='utf8\_general\_ci'

ENGINE=InnoDB;

#### 2 港口数据表

CREATE TABLE `Ports` (

`PortID` INT(11) NOT NULL,

`PortName` VARCHAR(100) NOT NULL,

`PortName\_cn` VARCHAR(100) NULL DEFAULT NULL,

`OldID` VARCHAR(10) NULL DEFAULT NULL,

`FullPortStyle` VARCHAR(50) NULL DEFAULT NULL,

`CountryCode` VARCHAR(10) NULL DEFAULT NULL,

`Status` VARCHAR(50) NULL DEFAULT NULL,

`AlternativeName` VARCHAR(100) NULL DEFAULT NULL,

`MasterPOID` VARCHAR(10) NULL DEFAULT NULL,

`UNLOCODE` VARCHAR(10) NULL DEFAULT NULL,

`LatitudeDecimal` FLOAT NULL DEFAULT NULL,

`LongitudeDecimal` FLOAT NULL DEFAULT NULL,

`BreakbulkFacilities` VARCHAR(10) NULL DEFAULT NULL,

`ContainerFacilities` VARCHAR(10) NULL DEFAULT NULL,

`DryBulkFacilities` VARCHAR(10) NULL DEFAULT NULL,

`GasFacilities` VARCHAR(10) NULL DEFAULT NULL,

`LiquidFacilities` VARCHAR(10) NULL DEFAULT NULL,

`LPGFacilities` VARCHAR(10) NULL DEFAULT NULL,

`LNGFacilities` VARCHAR(10) NULL DEFAULT NULL,

`Boundary` VARCHAR(4096) NULL DEFAULT NULL,

`Route` VARCHAR(50) NULL DEFAULT NULL,

`Region` VARCHAR(50) NULL DEFAULT NULL,

`LastUpdateDate` DATETIME NULL DEFAULT NULL,

`TimeZone` VARCHAR(50) NULL DEFAULT NULL

)

COLLATE='utf8\_general\_ci'

ENGINE=InnoDB;

#### 3 国家数据表

CREATE TABLE `Countries` (

`CountryCode` VARCHAR(50) NOT NULL,

`CountryNameEN` VARCHAR(100) NOT NULL,

`CountryNameCN` VARCHAR(50) NULL DEFAULT NULL

)

COLLATE='utf8\_general\_ci'

ENGINE=InnoDB;

#### 4 码头数据表

**CREATE** **TABLE** `Terminals` (

`Terminal\_ID` **INT**(11) **NOT** **NULL**,

`Port\_ID` **INT**(11) **NULL** **DEFAULT** **NULL**,

`Terminal\_Name` **VARCHAR**(100) **NULL** **DEFAULT** **NULL**,

`Facility\_Type` **VARCHAR**(100) **NULL** **DEFAULT** **NULL**,

`Dec\_Latitude` **FLOAT** **NULL** **DEFAULT** **NULL**,

`Dec\_Longitude` **FLOAT** **NULL** **DEFAULT** **NULL**,

`Boundary` **VARCHAR**(2048) **NULL** **DEFAULT** **NULL**,

`Terminal\_Operator` **VARCHAR**(500) **NULL** **DEFAULT** **NULL**

)

**COLLATE**='utf8\_general\_ci'

**ENGINE**=**InnoDB**;

#### 5 泊位数据表

CREATE TABLE `Berthes` (

`Berth\_ID` INT(11) NOT NULL,

`Port\_ID` INT(11) NOT NULL,

`Terminal\_ID` INT(11) NULL DEFAULT NULL,

`Berth\_Name` VARCHAR(100) NULL DEFAULT NULL,

`Berth\_No` VARCHAR(100) NULL DEFAULT NULL,

`Berth\_Operator` VARCHAR(100) NULL DEFAULT NULL,

`Berth\_Type` VARCHAR(100) NULL DEFAULT NULL,

`Berth\_Status` VARCHAR(100) NULL DEFAULT NULL,

`Facility\_Type` VARCHAR(100) NULL DEFAULT NULL,

`Dec\_Latitude` FLOAT NULL DEFAULT NULL,

`Dec\_Longitude` FLOAT NULL DEFAULT NULL,

`Berth\_Length\_Flat\_Side` VARCHAR(50) NULL DEFAULT NULL,

`Ship\_LOA\_Max` VARCHAR(50) NULL DEFAULT NULL,

`Breakbulk` VARCHAR(50) NULL DEFAULT NULL,

`Container` VARCHAR(50) NULL DEFAULT NULL,

`Steel\_Products` VARCHAR(50) NULL DEFAULT NULL,

`Bunkers` VARCHAR(50) NULL DEFAULT NULL,

`Boundary` VARCHAR(4096) NULL DEFAULT NULL,

`Depth\_Alongside\_LW` VARCHAR(50) NULL DEFAULT NULL,

`Ship\_Dwt\_Max` VARCHAR(50) NULL DEFAULT NULL,

`Gas\_Capacity\_Max` VARCHAR(50) NULL DEFAULT NULL,

`Ship\_Beam\_Max` VARCHAR(50) NULL DEFAULT NULL,

`Dry\_Bulk` VARCHAR(100) NULL DEFAULT NULL

)

COLLATE='utf8\_general\_ci'

ENGINE=InnoDB;

#### 6 最新动态（船位）信息表

CREATE TABLE `dynamic` (

`mmsi` INT(11) NOT NULL,

`times` BIGINT(20) NULL DEFAULT NULL,

`src` INT(11) NULL DEFAULT NULL,

`lon` INT(11) NULL DEFAULT NULL,

`lat` INT(11) NULL DEFAULT NULL,

`sog` INT(11) NULL DEFAULT NULL,

`cog` INT(11) NULL DEFAULT NULL,

`hdg` INT(11) NULL DEFAULT NULL,

`rot` INT(11) NULL DEFAULT NULL,

`navi\_stat` INT(11) NULL DEFAULT NULL,

PRIMARY KEY (`mmsi`),

INDEX `idx\_time` (`times`)

)

COLLATE='latin1\_swedish\_ci'

ENGINE=InnoDB;

#### 7 最新静态信息表

CREATE TABLE `static` (

`mmsi` INT(11) NOT NULL,

`times` BIGINT(20) NULL DEFAULT NULL,

`src` INT(11) NULL DEFAULT NULL,

`imo\_no` INT(11) NULL DEFAULT NULL,

`call\_sign` VARCHAR(50) NULL DEFAULT NULL,

`name` VARCHAR(50) NULL DEFAULT NULL,

`ship\_type` INT(11) NULL DEFAULT NULL,

`left` INT(11) NULL DEFAULT NULL,

`length` INT(11) NULL DEFAULT NULL,

`trail` INT(11) NULL DEFAULT NULL,

`width` INT(11) NULL DEFAULT NULL,

`eta` INT(11) NULL DEFAULT NULL,

`draught` INT(11) NULL DEFAULT NULL,

`dest` VARCHAR(50) NULL DEFAULT NULL,

PRIMARY KEY (`mmsi`)

)

COLLATE='latin1\_swedish\_ci'

ENGINE=InnoDB;