易运达货运电商平台数据库设计

**广州市航讯船务有限公司**

*2017年 03月27日*

目 录

1. 会员管理 3

1.1. 挂靠公司 3

1.2. 会员 3

1.3. 会员分组 4

1.4. 短信 4

1.5. 通知 4

2. 船货匹配 5

2.1. 船舶 5

2.2. 船舶附件 6

2.3. 货方询盘 6

2.4. 出价 7

2.5. 船方复盘 8

2.6. 还价 9

2.7. 状态变化 10

2.8. 评价 10

3. 钱包管理 11

3.1. 帐单 11

3.2. 帐务收支 12

3.3. 帐户 12

3.4. 银行卡 13

3.5. 跨行收单接口 13

3.6. 见证宝接口 14

4. 信息发布 14

4.1. 投诉或提问 14

4.2. 公告 15

4.3. 公告附件 15

5. 系统管理 16

5.1. 管理员 16

5.2. 角色 16

5.3. 模块 16

5.4. 日志 17

5.5. 船舶指派 17

5.6. 顾问标签 18

5.7. 船舶标签 18

5.8. 序列号 18

5.9. 港口 19

5.10. 港口坐标 19

### 会员管理

#### 挂靠公司

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **表名英文名** | ScfCompany | | | | | | |
| **字段名** | **汉字描述** | **类型(长度)** | **空/非空** | **默认值** | **主键** | **外键** | **备注** |
| Id | ID | Long | N |  | Y |  |  |
| UserId | 用户ID | Long | N |  |  |  |  |
| CompName | 公司名称 | String(100) | N |  |  |  |  |
| CreateTime | 建立时间 | Calendar | N |  |  |  |  |
| Role | 角色 | ScfRoleCode | N |  |  |  | cargo:货方,ship:船方 |
| **PK：** |  | | **FK：** |  | | | |

#### 会员

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **表名英文名** | ScfUser | | | | | | |
| **字段名** | **汉字描述** | **类型(长度)** | **空/非空** | **默认值** | **主键** | **外键** | **备注** |
| Id | ID | Long | N |  | Y |  |  |
| SimCardNo | SIM卡号 | String(20) | N |  |  |  |  |
| LoginName | 登录名 | String(20) | N |  |  |  |  |
| Password | 用户密码 | String(20) | N |  |  |  |  |
| Paypwd | 支付密码 | String(20) | N |  |  |  |  |
| TrueName | 姓名 | String(20) | N |  |  |  |  |
| NickName | 昵称 | String(20) | N |  |  |  |  |
| IdCardNo | 身份证号 | String(18) | N |  |  |  |  |
| Email | 电子邮箱 | String(100) | N |  |  |  |  |
| Mobile | 手机 | String(11) | N |  |  |  |  |
| Role | 角色 | ScfRoleCode | N |  |  |  | cargo:货方,ship:船方 |
| UserLogo | 图标图片 | String(200) |  |  |  |  |  |
| CreateTime | 注册时间 | Calendar | N |  |  |  |  |
| Status | 状态 | ScfActiveCode | N |  |  |  | inactivity:未激活,activity:激活 |
| **PK：** |  | | **FK：** |  | | | |

#### 会员分组

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **表名英文名** | ScfUserDevice | | | | | | |
| **字段名** | **汉字描述** | **类型(长度)** | **空/非空** | **默认值** | **主键** | **外键** | **备注** |
| Id | ID | Long | N |  | Y |  |  |
| UserId | UserId | Long | N |  |  | Y |  |
| RegistrationId | 设备ID | String(20) | N |  |  |  |  |
| Alias | 别名 | String(20) | N |  |  |  | 即登录名 |
| Tags | 标签 | String(200) | N |  |  |  | 逗号分隔 |
| mobile | 手机 | String(11) | N |  |  |  |  |
| CreateTime | 创建时间 | Calendar | N |  |  |  |  |
| Status | 是否成功 | ScfYesNoCode | N |  |  |  |  |
| **PK：** |  | | **FK：** |  | | | |

#### 短信

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **表名英文名** | ScfMessage | | | | | | |
| **字段名** | **汉字描述** | **类型(长度)** | **空/非空** | **默认值** | **主键** | **外键** | **备注** |
| Id | ID | Long | N |  | Y |  |  |
| mobile | 手机 | String(11) | N |  |  |  |  |
| Content | 发送内容 | String(200) | N |  |  |  |  |
| CreateTime | 创建时间 | Calendar | N |  |  |  |  |
| Status | 是否成功 | ScfYesNoCode | N |  |  |  |  |
| **PK：** |  | | **FK：** |  | | | |

#### 通知

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **表名英文名** | ScfNotify | | | | | | |
| **字段名** | **汉字描述** | **类型(长度)** | **空/非空** | **默认值** | **主键** | **外键** | **备注** |
| Id | ID | Long | N |  | Y |  |  |
| Content | 发送内容 | String(500) | N |  |  |  |  |
| Params | 发送参数 | String(200) | N |  |  |  |  |
| Alias | 别名表 | String(200) | N |  |  | Y |  |
| Tags | 标签表 | String(200) | N |  |  | Y |  |
| CreateTime | 创建时间 | Calendar | N |  |  |  |  |
| Status | 是否成功 | ScfYesNoCode | N |  |  |  |  |
| **PK：** |  | | **FK：** |  | | | |

### 船货匹配

#### 船舶

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **表名英文名** | Scf**Ship** | | | | | | |
| **字段名** | **汉字描述** | **类型(长度)** | **空/非空** | **默认值** | **主键** | **外键** | **备注** |
| Id | 船舶ID | Long | N |  | Y |  |  |
| MasterId | 船东 | Long | N |  |  | Y |  |
| ShipName | 船舶名称 | String(50) | N |  |  |  |  |
| EnglishName | 船舶英文名 | String(50) | N |  |  |  |  |
| Mmsi | MMSI编号 | String(20) | N |  |  |  |  |
| CargoTypes | 运货货类 | String(200) | N |  |  |  | 逗号分隔 |
| Imo | 船舶识别号 | String(20) | N |  |  |  |  |
| Length | 船长 | Double | N |  |  |  |  |
| Breadth | 船宽 | Double | N |  |  |  |  |
| Height | 进孔高度 | Double | N |  |  |  |  |
| Depth | 型深 | Double | N |  |  |  |  |
| Draught | 吃水深度 | Double | N |  |  |  |  |
| SumTons | 总吨 | Integer | N |  |  |  |  |
| CleanTons | 净吨 | Integer | N |  |  |  |  |
| ATons | 载重A级 | Integer | N |  |  |  |  |
| BTons | 载重B级 | Integer | N |  |  |  |  |
| FullContainer | 重箱(TEU) | Integer | N |  |  |  |  |
| SpaceContainer | 吉箱(TEU) | Integer | N |  |  |  |  |
| Deposit | 下订诚意金 | Double | N |  |  |  |  |
| CreateTime | 建立时间 | Calendar | N |  |  |  |  |
| **PK：** | Id | | **FK：** |  | | | |

#### 船舶附件

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **表名英文名** | Scf**ShipAtta** | | | | | | |
| **字段名** | **汉字描述** | **类型(长度)** | **空/非空** | **默认值** | **主键** | **外键** | **备注** |
| Id | ID | Long | N |  | Y |  |  |
| ShipId | 船舶ID | Long | N |  |  | Y |  |
| No | 顺序号 | Integer | N |  |  |  |  |
| ImgType | 图片类型 | ImgTypeCode | N |  |  |  | jpg:jpg,gif:gif,png:png,jpeg:jpeg,bmp:bmp |
| Title | 图片标题 | String(500) |  |  |  |  |  |
| Url | 路径 | String(200) | N |  |  |  | 可访问的路径 |
| CreateTime | 上传时间 | Calendar | N |  |  |  |  |
| Size | 文件大小 | Long | N |  |  |  |  |
| **PK：** |  | | **FK：** |  | | | |

#### 货方询盘

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **表名英文名** | ScfCargo | | | | | | |
| **字段名** | **汉字描述** | **类型(长度)** | **空/非空** | **默认值** | **主键** | **外键** | **备注** |
| Id | ID | Long | N |  | Y |  |  |
| CargoCompName | 甲方公司名称 | String(100) | N |  |  |  |  |
| OwnerId | 货主ID | Long | N |  |  | Y |  |
| LayStartDate | 装货日期从 | Calendar | N |  |  |  |  |
| LayEndDate | 装货日期至 | Calendar | N |  |  |  |  |
| FreightCount | 设定抢单船数 | ScfEscortCode | N |  |  |  |  |
| EffectDays | 有效期 | Calendar | N |  |  |  | 抢单截止日期 |
| TaxRate | 发票税率 | ScfTaxRateCode | N |  |  |  | no:不包票,  small:小规模3%,  general:一般11% |
| QuoteMoney | 总运费 | Double | N |  |  |  | 元 |
| MdfQuoteMoney | 总运费可改 | ScfYesNoCode | N |  |  |  |  |
| PayStyle | 付款方式 | ScfPayStyleCode | N |  |  |  | money:现金,  ticket:支票,  bank:银行转帐 |
| PayPeriod | 付款期限 | Integer | N |  |  |  | 多少天以后 |
| FillFreight | 提供运单 | ScfFillFreightCode | N |  |  |  | bothsides:由船方代理，货方实报实销,  shipside:由船方自主办理,  cargoside:由货方自主办理 |
| Description | 其他说明 | String(500) | N |  |  |  |  |
| Status | 发布状态 | ScfYesNoCode | N |  |  |  |  |
| CreateTime | 发布时间 | Calendar | N |  |  |  |  |
| **PK：** | **Id** | | **FK：** |  | | | |

#### 出价

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **表名英文名** | ScfCargoPrice | | | | | | |
| **字段名** | **汉字描述** | **类型(长度)** | **空/非空** | **默认值** | **主键** | **外键** | **备注** |
| Id | ID | Long | N |  | Y |  |  |
| CargoId | 物货ID | Long | N |  |  | Y |  |
| StartPortNo | 装货港 | String(8) | N |  |  |  |  |
| EndPortNo | 卸货港 | String(8) | N |  |  |  |  |
| CargoBigType | 货物大类 | ScfCargoBigTypeCode | N |  |  |  |  |
| CargoType | 货类 | ScfCargoTypeCode | N |  |  |  |  |
| TradeType | 贸易类型 | ScfTradeTypeCode | N |  |  |  | inTrade:内贸货,  outTrade:外贸货,  hkmacha:港澳货,  forPass:转关货 |
| GoodsType | 物品类型 | ScfGoodsTypeCode | N |  |  |  | ordinary:普货,  dangerous:危险品,  cold:冷藏品 |
| Measure | 计量单位 | ScfMeasureCode | N |  |  |  | teu:个,  ton:吨,  stere:方 |
| TonTeu | 货量 | Integer | N |  |  |  | 个或吨或方 |
| SumTons | 总重量 | Integer | N |  |  |  | (集)吨 |
| Price | 运价 | Double | N |  |  |  | 元每个吨方 |
| MdfPrice | 运价可改 | ScfYesNoCode | N |  |  |  |  |
| Subtotal | 运费小计 | Double |  |  |  |  |  |
| Demurrage | 滞期费率 | Double | N |  |  |  | (散)(元/吨天) |
| MdfDemurrage | 滞期费率可改 | ScfYesNoCode | N |  |  |  |  |
| ShortageRate | 货差率 | Double | N |  |  |  | (散)(千分数) |
| MdfShortageRate | 货差率可改 | ScfYesNoCode | N |  |  |  |  |
| SailCloth | 提供帆布 | ScfYesNoCode | N |  |  |  |  |
| Escort | 看管方式 | ScfEscortCode | N |  |  |  | monitor:货仓监控,  sealup:封仓运输,  escortting:押运 |
| **PK：** | **Id** | | **FK：** |  | | | |

#### 船方复盘

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **表名英文名** | ScfFreight | | | | | | |
| **字段名** | **汉字描述** | **类型(长度)** | **空/非空** | **默认值** | **主键** | **外键** | **备注** |
| Id | ID | Long | N |  | Y |  |  |
| ShipCompName | 乙方公司名称 | String(100) | N |  |  |  |  |
| ShipId | 船舶ID | Long | N |  |  | Y |  |
| CargoId | 货物ID | Long | N |  |  | Y |  |
| TaxRate | 发票税率 | ScfTaxRateCode | N |  |  |  | no:不包票,  small:小规模3%,  general:一般11% |
| QuoteMoney | 总运费 | Double | N |  |  |  | 元 |
| PayStyle | 付款方式 | ScfPayStyleCode | N |  |  |  | money:现金,  ticket:支票,  bank:银行转帐 |
| PayPeriod | 付款期限 | Integer | N |  |  |  | 多少天以后 |
| FillFreight | 提供运单 | ScfFillFreightCode | N |  |  |  | bothsides:由船方代理，货方实报实销,  shipside:由船方自主办理,  cargoside:由货方自主办理 |
| MdfDeposit | 下订诚意金 | ScfYesNoCode | N |  |  |  |  |
| Deposit | 诚意金额 | Double | N |  |  |  |  |
| Status | 运单状态 | ScfFreightCode | N |  |  |  | rush:抢单,  audit:待批,  cancel:取消,  wait:待运,  start:开始,  end:结束,  evaluate:评价,  close:关闭 |
| CreateTime | 抢单时间 | Calendar | N |  |  |  |  |
| **PK：** | **Id** | | **FK：** |  | | | |

#### 还价

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **表名英文名** | ScfFreightPrice | | | | | | | |
| **字段名** | | **汉字描述** | **类型(长度)** | **空/非空** | **默认值** | **主键** | **外键** | **备注** |
| Id | | ID | Long | N |  | Y |  |  |
| FreightId | | 运单ID | Long | N |  |  | Y |  |
| StartPortNo | | 装货港 | String(8) | N |  |  |  |  |
| EndPortNo | | 卸货港 | String(8) | N |  |  |  |  |
| CargoBigType | | 货物大类 | ScfCargoBigTypeCode | N |  |  |  |  |
| CargoType | | 货类 | ScfCargoTypeCode | N |  |  |  |  |
| TradeType | | 贸易类型 | ScfTradeTypeCode | N |  |  |  | inTrade:内贸货,  outTrade:外贸货,  hkmacha:港澳货,  forPass:转关货 |
| GoodsType | | 物品类型 | ScfGoodsTypeCode | N |  |  |  | ordinary:普货,  dangerous:危险品,  cold:冷藏品 |
| Measure | | 计量单位 | ScfMeasureCode | N |  |  |  | teu:个,  ton:吨,  stere:方 |
| TonTeu | | 货量 | Integer | N |  |  |  | 个或吨或方 |
| SumTons | | 总重量 | Integer | N |  |  |  | (集)吨 |
| Price | | 运价 | Double | N |  |  |  | 元每个吨方 |
| MdfPrice | | 运价可改 | ScfYesNoCode | N |  |  |  |  |
| Subtotal | | 运费小计 | Double | N |  |  |  |  |
| Demurrage | | 滞期费率 | Double | N |  |  |  | (散)(元/吨天) |
| MdfDemurrage | | 滞期费率可改 | ScfYesNoCode | N |  |  |  |  |
| ShortageRate | | 货差率 | Double | N |  |  |  | (散)(千分数) |
| MdfShortageRate | | 货差率可改 | ScfYesNoCode | N |  |  |  |  |
| SailCloth | | 提供帆布 | ScfYesNoCode | N |  |  |  |  |
| Escort | | 看管方式 | ScfEscortCode | N |  |  |  | monitor:货仓监控,  sealup:封仓运输,  escortting:押运 |
| **PK：** | | **Id** | | **FK：** |  | | | |

#### 状态变化

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **表名英文名** | ScfFreight**State** | | | | | | |
| **字段名** | **汉字描述** | **类型(长度)** | **空/非空** | **默认值** | **主键** | **外键** | **备注** |
| Id | ID | Long | N |  | Y |  |  |
| FreightId | 运单ID | Long | N |  |  | Y |  |
| Role | 角色 | ScfRoleCode | N |  |  |  |  |
| UserId | 操作用户ID | Long | N |  |  | Y |  |
| Status | 运单状态 | ScfFreightCode | N |  |  |  |  |
| Description | 操作说明 | String(200) | N |  |  |  |  |
| CreateTime | 操作时间 | Calendar | N |  |  |  |  |
| **PK：** |  | | **FK：** |  | | | |

#### 评价

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **表名英文名** | ScfEvaluate | | | | | | |
| **字段名** | **汉字描述** | **类型(长度)** | **空/非空** | **默认值** | **主键** | **外键** | **备注** |
| Id | ID | Long | N |  | Y |  |  |
| FreightId | 运单ID | Long | N |  |  | Y |  |
| EvaluaterId | 评价者ID | Long | N |  |  | Y |  |
| EvaluatederId | 被评价者ID | Long | N |  |  | Y |  |
| EvalType | 评价类型 | ScfEvaluateCode | N |  |  |  | good:好,ok:中,bad:差 |
| EvalContent | 评价内容 | String(500) | N |  |  |  | 提供与评价类型对应的缺省内容 |
| CreateTime | 评价时间 | Calendar | N |  |  |  |  |
| **PK：** |  | | **FK：** |  | | | |

### 钱包管理

#### 帐单

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **表名英文名** | **ScfWallet** | | | | | | |
| **字段名** | **汉字描述** | **类型(长度)** | **空/非空** | **默认值** | **主键** | **外键** | **备注** |
| Id | 记录ID | Long | N |  | Y |  |  |
| PaymentNo | 支付号 | String(26) | N |  |  |  |  |
| SettleStyle | 帐务类型 | SettleStyleCode | N |  |  |  |  |
| FeeItem | 费项类型 | FeeItemCode | N |  |  |  |  |
| OrderId | 订单ID | Long | N |  |  |  |  |
| SellerId | 卖家ID | Long | N |  |  |  | 易运达用户ID |
| BrokerId | 代理人ID | Long | N |  |  |  | 易运达用户ID |
| BuyerId | 买家ID | Long | N |  |  |  | 易运达用户ID |
| Subject | 交易标题 | String(200) | N |  |  |  |  |
| Body | 交易描述 | String(500) |  |  |  |  |  |
| TotalFee | 交易金额 | Double | N |  |  |  |  |
| MiddleFee | 代理人佣金 | Double | N |  |  |  |  |
| ServiceFee | 平台服务费 | Double | N |  |  |  |  |
| PaymentStatus | 支付状态 | PayStatusCode | Ｎ |  |  |  | WAIT\_PAYMENT("未支付","未完成", "未完成"),  WAIT\_CONFIRM("资金托管","",""),  TRADE\_FINISHED("确认付款","提现完成","充值完成"),  TRADE\_CLOSED("退款到钱包","退款到银行卡",""); |
| GmtPayment | 支付时间 | Calendar | N |  |  |  |  |
| SuretyDays | 担保天数 | Integer | N | 0 |  |  |  |
| GmtSurety | 担保时间 | Calendar | N |  |  |  |  |
| RefundStatus | 退款状态 | ApplyReplyCode |  |  |  |  | noapply("未申请", "不退款"), apply("申请", "申请退款"), reply("同意", "已退款"), noreply("拒绝", "退款失败") |
| GmtRefund | 退款时间 | Calendar |  |  |  |  |  |
| KhFlag | 跨行收款 | YesNoCode |  |  |  |  | yes跨行收单，no钱包支付 |
| KhRefundFlag | 跨行退款 | YesNoCode |  |  |  |  | yes跨行退回银行卡，no退回钱包 |
| **PK：** |  | | **FK：** |  | | | |

#### 帐务收支

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **表名英文名** | **ScfWalletSettle** | | | | | | |
| **字段名** | **汉字描述** | **类型(长度)** | **空/非空** | **默认值** | **主键** | **外键** | **备注** |
| Id | 记录ID | Long | N |  | Y |  |  |
| CreateTime | 建立时间 | Calendar | N |  |  |  |  |
| UserId | 用户ID | Long | N |  |  |  |  |
| WalletId | 钱包交易ID | Long | N |  |  |  |  |
| Subject | 标题 | String(20) |  |  |  |  |  |
| Money | 交易金额 | Double |  | 0 |  |  | 可正可负 |
| UsableMoney | 可用余额 | Double |  | 0 |  |  |  |
| FetchableMoney | 可取余额 | Double |  | 0 |  |  |  |
| **PK：** |  | | **FK：** |  | | | |

#### 帐户

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **表名英文名** | **ScfUserAccount** | | | | | | |
| **字段名** | **汉字描述** | **类型(长度)** | **空/非空** | **默认值** | **主键** | **外键** | **备注** |
| Id | ID | Long | N |  | Y |  |  |
| UserId | 用户ID | Long | N |  |  | Y |  |
| PayStyle | 支付方式 | PayStyleCode |  |  |  |  | alipay:支付宝, pinganpay:平安银行见证宝 |
| Accounter | 开户人 | String(100) |  |  |  |  |  |
| AccountNo | 账号 | String(50) |  |  |  |  |  |
| IdCode | 身份证号 | String(100) |  |  |  |  |  |
| Mobile | 手机号 | String(100) |  |  |  |  |  |
| **PK：** |  | | **FK：** |  | | | |

#### 银行卡

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **表名英文名** | **ScfUserBankCard** | | | | | | |
| **字段名** | **汉字描述** | **类型(长度)** | **空/非空** | **默认值** | **主键** | **外键** | **备注** |
| Id | 记录ID | Long | N |  | Y |  |  |
| UserId | 用户ID | Long | N |  |  |  | 易运达用户ID |
| AccountName | 帐户名 | String(20) | N |  |  |  |  |
| CardNo | 帐号 | String(20) | N |  |  |  |  |
| BankCode | 银行代码 | BankCode | N |  |  |  |  |
| BindTime | 绑定时间 | Calendar | N |  |  |  |  |
| **PK：** |  | | **FK：** |  | | | |

#### 跨行收单接口

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **表名英文名** | **YydWalletKhsd** | | | | | | |
| **字段名** | **汉字描述** | **类型(长度)** | **空/非空** | **默认值** | **主键** | **外键** | **备注** |
| Id | 记录ID | Long | N |  | Y |  |  |
| CreateTime | 建立时间 | Calendar | N |  |  |  |  |
| PaymentNo | 支付号 | String(26) | N |  |  |  |  |
| TranFunc | 功能号 | String(20) | N |  |  |  |  |
| SendParams | 发送参数 | String(8000) | N |  |  |  |  |
| RecvParams | 接收参数 | String(8000) |  |  |  |  |  |
| RspCode | 应答码 | String(20) |  |  |  |  |  |
| RspMsg | 应答描述 | String(200) |  |  |  |  |  |
| **PK：** |  | | **FK：** |  | | | |

#### 见证宝接口

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **表名英文名** | **YydWalletZjjz** | | | | | | |
| **字段名** | **汉字描述** | **类型(长度)** | **空/非空** | **默认值** | **主键** | **外键** | **备注** |
| Id | 记录ID | Long | N |  | Y |  |  |
| CreateTime | 建立时间 | Calendar | N |  |  |  |  |
| LogNo | 日志号 | String(20) | N |  |  |  |  |
| PaymentNo | 支付号 | String(26) | N |  |  |  |  |
| TranFunc | 功能号 | String(20) | N |  |  |  |  |
| FuncFlag | 功能标志 | String(10) | N |  |  |  |  |
| SendParams | 发送参数 | String(8000) | N |  |  |  |  |
| RecvParams | 接收参数 | String(8000) |  |  |  |  |  |
| RspCode | 应答码 | String(20) |  |  |  |  |  |
| RspMsg | 应答描述 | String(200) |  |  |  |  |  |
| **PK：** |  | | **FK：** |  | | | |

### 信息发布

#### 投诉或提问

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **表名英文名** | YydComplain | | | | | | |
| **字段名** | **汉字描述** | **类型(长度)** | **空/非空** | **默认值** | **主键** | **外键** | **备注** |
| Id | ID | Long | N |  | Y |  |  |
| UserId | 用户ID | Long | N |  |  | N |  |
| Content | 问题内容 | String(2000) | N |  |  |  |  |
| Reply | 回复内容 | String(2000) |  |  |  |  |  |
| CreateTime | 创建时间 | Calendar | N |  |  |  |  |
| ReplyTime | 回复时间 | Calendar |  |  |  |  |  |
| Status | 是否回复 | YesNoCode | N |  |  |  | no:否,yes:是 |
| **PK：** |  | | **FK：** |  | | | |

#### 公告

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **表名英文名** | **YydNotice** | | | | | | |
| **字段名** | **汉字描述** | **类型(长度)** | **空/非空** | **默认值** | **主键** | **外键** | **备注** |
| Id | 记录ID | Long | N |  | Y |  |  |
| NtcColumn | 栏目 | NtcColumnCode | N |  |  |  | news:新闻,notice:通知,bulletin:公告,advert:广告,help:帮助 |
| PointNum | 点击数 | Long | N | 0 |  |  |  |
| Title | 标题 | String(200) | N |  |  |  |  |
| Source | 来源 | String(200) |  |  |  |  |  |
| Content | 内容 | String(4000) |  |  |  |  |  |
| CreateTime | 建立时间 | Calendar | N |  |  |  |  |
| PublishTime | 发布时间 | Calendar |  |  |  |  |  |
| ReleaseStatus | 发布状态 | ReleaseStatusCode | N |  |  |  | unpublish:未发布,publish:已发布 |
| NoticeTop | 置顶 | NoticeTopCode | N |  |  |  |  |
| **PK：** |  | | **FK：** |  | | | |

#### 公告附件

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **表名英文名** | **YydNoticeAttachment** | | | | | | |
| **字段名** | **汉字描述** | **类型(长度)** | **空/非空** | **默认值** | **主键** | **外键** | **备注** |
| Id | 附件ID | Long | N |  | Y |  |  |
| NoticeId | 公告ID | Long | N |  |  | Y |  |
| No | 顺序号 | Integer | N |  |  |  |  |
| FileType | 文件类型 | String(20) |  |  |  |  | 文件扩展名 |
| Title | 附件标题 | String(200) |  |  |  |  |  |
| Url | 附件路径 | String(200) | N |  |  |  | 可访问的路径 |
| CreateTime | 上传时间 | Calendar | N |  |  |  |  |
| Size | 文件大小 | Long | N |  |  |  | 字节 |
| **PK：** |  | | **FK：** |  | | | |

### 系统管理

#### 管理员

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **表名英文名** | ScfAdminInfo | | | | | | |
| 字段名 | 汉字描述 | 类型(长度) | 空/非空 | 默认值 | 主键 | 外键 | 备注 |
| Id | ID | Long | N |  | Y |  |  |
| LoginName | 登录名 | String(20) | N |  |  |  |  |
| Password | 用户密码 | String(20) | N |  |  |  |  |
| TrueName | 姓名 | String(20) | N |  |  |  |  |
| NickName | 昵称 | String(20) | N |  |  |  |  |
| Email | 电子邮箱 | String(100) | N |  |  |  |  |
| Mobile | 手机 | String(11) | N |  |  |  |  |
| UserLogo | 图标图片 | String(200) |  |  |  |  |  |
| CreateTime | 注册时间 | Calendar | N |  |  |  |  |
| Status | 状态 | ScfActiveCode | N |  |  |  | inactivity:未激活,activity:激活 |
| **PK：** |  | | **FK：** |  | | | |

#### 角色

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **表名英文名** | ScfRoleInfo | | | | | | |
| 字段名 | 汉字描述 | 类型(长度) | 空/非空 | 默认值 | 主键 | 外键 | 备注 |
| Id | ID | Long | N |  | Y |  |  |
| RoleName | 角色名称 | String(20) | N |  |  |  |  |
| RoleDesc | 角色描述 | String(200) |  |  |  |  |  |
| **PK：** |  | | **FK：** |  | | | |

#### 模块

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **表名英文名** | ScfModuleInfo | | | | | | |
| 字段名 | 汉字描述 | 类型(长度) | 空/非空 | 默认值 | 主键 | 外键 | 备注 |
| Id | ID | Long | N |  | Y |  |  |
| ModuleName | 模块名称 | String(20) | N |  |  |  |  |
| ModuleDesc | 模块说明 | String(200) |  |  |  |  |  |
| ModuleLayer | 层次号码 | String(20) | N |  |  |  | 112233  11：一级代码  22：二级代码  33：三级代码  为了提高树的查询速度 |
| ModuleUrl | 入口地址 | String(200) |  |  |  |  |  |
| **PK：** |  | | **FK：** |  | | | |

#### 日志

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **表名英文名** | ScfLogInfo | | | | | | |
| 字段名 | 汉字描述 | 类型(长度) | 空/非空 | 默认值 | 主键 | 外键 | 备注 |
| Id | ID | Long | N |  | Y |  |  |
| AdminId | 管理员ID | String(32) | N |  |  |  |  |
| ModuleId | 模块ID | String(32) | N |  |  |  |  |
| IpAddr | IP地址 | String(23) | N |  |  |  |  |
| OptionTime | 操作时间 | Calendar | N |  |  |  |  |
| **PK：** |  | | **FK：** |  | | | |

#### 船舶指派

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **表名英文名** | ScfShipAssign | | | | | | |
| 字段名 | 汉字描述 | 类型(长度) | 空/非空 | 默认值 | 主键 | 外键 | 备注 |
| Id | ID | Long | N |  | Y |  |  |
| AdvisorId | 顾问ID | Long | N |  |  |  |  |
| ShipId | 船舶ID | Long | N |  |  |  |  |
| OptionerId | 操作人ID | Long | N |  |  |  |  |
| OperateTime | 操作时间 | Calendar | N |  |  |  |  |
| **PK：** |  | | **FK：** |  | | | |

#### 顾问标签

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **表名英文名** | ScfShipTag | | | | | | |
| 字段名 | 汉字描述 | 类型(长度) | 空/非空 | 默认值 | 主键 | 外键 | 备注 |
| Id | ID | Long | N |  | Y |  |  |
| No | 序号 | Integer | N |  |  |  |  |
| TagName | 标签名称 | String(50) | N |  |  |  |  |
| TagDesc | 标签描述 | String(200) | N |  |  |  |  |
| AdvisorId | 顾问ID | Long | N |  |  |  |  |
| OperateTime | 操作时间 | Calendar | N |  |  |  |  |
| **PK：** |  | | **FK：** |  | | | |

#### 船舶标签

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **表名英文名** | ScfShipTagSign | | | | | | |
| 字段名 | 汉字描述 | 类型(长度) | 空/非空 | 默认值 | 主键 | 外键 | 备注 |
| Id | ID | Long | N |  | Y |  |  |
| AdvisorId | 顾问ID | Long | N |  |  |  |  |
| ShipId | 船舶ID | Long | N |  |  |  |  |
| TagId | 标签ID | Long | N |  |  |  |  |
| OperateTime | 操作时间 | Calendar | N |  |  |  |  |
| **PK：** |  | | **FK：** |  | | | |

#### 运价统计

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **表名英文名** | **ScfFreightPriceStat** | | | | | | |
| **字段名** | **汉字描述** | **类型(长度)** | **空/非空** | **默认值** | **主键** | **外键** | **备注** |
| Id | 记录ID | Long | N |  | Y |  |  |
| YearMonth | 年月 | String(6) | N |  |  |  | CCYYMM |
| CargoBigType | 货物大类 | ScfCargoBigTypeCode | N |  |  |  |  |
| CargoType | 货类 | ScfCargoTypeCode | N |  |  |  |  |
| StartPortNo | 装货港 | String(8) | N |  |  |  |  |
| EndPortNo | 卸货港 | String(8) | N |  |  |  |  |
| FreightCount | 运单数 | Integer | N | 0 |  |  |  |
| SumTonTeus | 货量 | Integer | N | 0 |  |  |  |
| AvgPrice | 运价 | Double | N | 0 |  |  |  |
| SumTotal | 总运费 | Double | N | 0 |  |  |  |
| **PK：** |  | | **FK：** |  | | | |

#### 序列号

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **表名英文名** | YydSequence | | | | | | |
| 字段名 | 汉字描述 | 类型(长度) | 空/非空 | 默认值 | 主键 | 外键 | 备注 |
| Id | ID | Long | N |  | Y |  |  |
| SequenceName | 序列名 | String(32) | N |  |  |  |  |
| SequenceNo | 序列号 | Integer | N | 1 |  |  | 当前最大值 |
| **PK：** |  | | **FK：** |  | | | |

#### 港口

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **表名英文名** | **YydPort** | | | | | | |
| **字段名** | **汉字描述** | **类型(长度)** | **空/非空** | **默认值** | **主键** | **外键** | **备注** |
| Id | ID | Long | N |  | Y |  |  |
| portNo | 港口编码 | String(8) | N |  |  |  |  |
| PortName | 港口名称 | String(20) | N |  |  |  |  |
| fullPortName | 全称港口名称 | String(20) | N |  |  |  |  |
| **PK：** |  | | **FK：** |  | | | |

#### 港口坐标

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **表名英文名** | **YydPortCooord** | | | | | | |
| **字段名** | **汉字描述** | **类型(长度)** | **空/非空** | **默认值** | **主键** | **外键** | **备注** |
| Id | ID | Long | N |  | Y |  |  |
| portNo | 港口编码 | String(8) | N |  |  |  |  |
| Latitude | 纬度 | Double | N |  |  |  |  |
| Longitude | 经度 | Double | N |  |  |  |  |
| **PK：** |  | | **FK：** |  | | | |