# iWMS-EC 标准接口速查

注：*SyncBillId 表示上游(EC)单据号；BillId 表示 iWMS 单据号*

## 1、 接收类

### 1.1、 销售订单：SyncSalesOrderInfo

#### 1.1.1、 判重：

```
select 1 from TBillOrderInfo b

where b.shipping_status <> 9 and b.order_sn = 'SyncBillId'
```

#### 1.1.2、 涉及参数：

```
'WB0525', '同步订单时是否自动审核（0:否 1:是）'
```

#### 1.1.3、 涉及表：

```
TSyn_order_info
TBillOrderInfo
TSyn_order_goods
```

#### 1.1.4、 涉及代码表：

```
select * from TDefBaseCode where Type = 'Store'
```

### 1.2、 销售退货通知单：SyncRmaInfo

#### 1.2.1、 判重：

```
select 1 from TBillNoteOrderReturn
where SyncBillId = 'SyncBillId' and BillType = 0 and Status > 1
```

#### 1.2.2、 涉及参数：

```
'WB0528', '业务日期同步规则：0-当前日期(默认)；1-上游日期
```

#### 1.2.3、 涉及表：

```
TBillNoteOrderReturn
TBillNoteOrderReturnDet

添加到 TBillOrderHoldUp 订单拦截
```

### 1.2.4、 涉及代码表：

```
select * from TDefBaseCode where Type = 'RmaReason'
```

## 1.3、 采购通知单：SyncAsnInfo

### 1.3.1、 判重：

```
select 1 from TBillNotePurchase
where SyncBillId = 'SyncBillId' and Status > 1 and BillType = 0
```

### 1.3.2、 涉及参数：

```
'WB0568', 采购通知单业务日期规则：
          0-当前日期(默认)
          1-业务日期
          2-确认日期
          3-通知配货日期
'WB0585', '采购入库通知单是否通过接口自动审核执行（0:否 1:是）'
```

### 1.3.3、 涉及表：

TBillNotePurchase
TBillNotePurchaseDet

### 1.3.4、 涉及代码表：

供货商：TDefVendor
品牌表：TDefBrand

## 1.4、 采购退货通知：SyncReturnAsn

### 1.4.1、 判重：

```
select 1 from TBillNotePurchase
where SyncBillId = 'SyncBillId' and Status > 1 and BillType = 1
```

### 1.4.2、 涉及参数：

```
'WB0528', '业务日期同步规则：0-当前日期(默认)；1-上游日期
'WB0590', '采购退货通知单是否通过接口自动审核执行（0:否 1:是）'
```

### 1.4.3、 涉及表：

TBillNotePurchase
TBillNotePurchaseDet

### 1.4.4、 涉及代码表：

供货商：TDefVendor
品牌表：TDefBrand

## 1.5、 批发发货通知单：SyncPfAsnInfo

### 1.5.1、 判重：

```
Select 1 From TBillNoteBatchOut
Where  SyncBillId = 'SyncBillId'
       And Status > 1
       And BillType = 0
       And shipping_status <> 9
```

### 1.5.2、 涉及参数：

'WB0528', '业务日期同步规则：0-当前日期(默认)；1-上游日期
'WB0575', '批发出库通知单是否通过接口自动审核执行（0:否 1:是）'

### 1.5.3、 涉及表：

TBillNoteBatchOut
TBillNoteBatchOutDet

## 1.6、 批发退货通知单：SyncReturnPfAsnInfo

### 1.6.1、 判重：

```
select 1 from TBillNoteBatchOut
where SyncBillId = 'SyncBillId' and Status > 1 and BillType = 1
```

### 1.6.2、 涉及参数：

'WB0528', '业务日期同步规则：0-当前日期(默认)；1-上游日期
'WB0580', '批发退货通知单是否通过接口自动审核执行（0:否 1:是）'

### 1.6.3、 涉及表：

TBillNoteBatchOut
TBillNoteBatchOutDet

### 1.6.4、 涉及代码表：

```
select * from TDefBaseCode where Type = 'RtnPfAsnReason'
```

## 1.7、 单据取消：CancelBill

### 1.7.1、 销售订单取消：SalesOrder_NORMAL

#### 1.7.1.1、 涉及参数：

WD0229 设置减库存时间段(0:发货 1:称重 2:出库)

#### 1.7.1.2、 拒绝取消：

```
select b.BillId, b.shipping_status
from TSyn_order_info a  inner join TBillOrderInfo b on a.so_sn = b.BillId
where a.order_sn = 'SyncBillId' and b.shipping_status <> 9
```

#### 1.7.1.3、 取消语句：

```
update a
set
        a.shipping_statusBefore = a.shipping_status,
        a.shipping_status = 9,
        a.CancelEmp = '{0}',
        a.CancelDate = '{1}'
from    TBillOrderInfo a
where   a.BillId = '{2}'
        and a.shipping_status <> 9
        and a.shipping_status < {3}
```

参数：0-6；1-7；2-8

### 1.7.2、 销售退货取消：RMA_NORMAL

#### 1.7.2.1、 涉及参数：

#### 1.7.2.2、 拒绝取消：

```
Select Top 1 Status
From    TBillNoteOrderReturn
Where   (Status & 64) > 0 And SyncBillId = '{0}' And BillType = 0 And Status <> 1
```

#### 1.7.2.3、 取消语句：

```
Update TBillNoteOrderReturn
Set
    Status = 1,
    ModifyEmp = '{0}',
    ModifyDate = '{1}'
Where (Status & 64) = 0 And SyncBillId ='{2}' And BillType = 0 And Status <> 1
```

1.7.3、 采购入库取消：ASN_NORMAL

1.7.3.1、 涉及参数：

1.7.3.2、 拒绝取消：

```
Select Top 1 Status
From    TBillNotePurchase
Where   (Status & 64) > 0 And SyncBillId = '{0}' And BillType = 0
```

1.7.3.3、 取消语句：

```
Update TBillNotePurchase
Set
    Status = 1,
    ModifyEmp = '{0}',
    ModifyDate = '{1}'
Where (Status & 64) = 0 And SyncBillId ='{2}' And BillType = 0 And Status <> 1
```

1.7.4、 采购退货取消：ReturnASN_NORMAL

1.7.4.1、 涉及参数：

1.7.4.2、 拒绝取消：

```
Select Top 1 Status
From    TBillNotePurchase
Where   (Status & 64) > 0 And SyncBillId = '{0}' And BillType = 1 And Status <> 1
```

1.7.4.3、 取消语句：

```
Update TBillNotePurchase
Set
    Status = 1,
    ModifyEmp = '{0}',
    ModifyDate = '{1}'
Where (Status & 64) = 0 And SyncBillId ='{2}' And BillType = 1 And Status <> 1
```

1.7.5、 批发发货取消：PfAsn_NORMAL

1.7.5.1、 涉及参数：

### 1.7.5.2、 拒绝取消：

```
Select BillId, Status
From    TBillNoteBatchOut
Where   SyncBillId = '{0}'
        And shipping_status <> 9
        And BillType = 0
        And Status > 1
```

当 Status&64>0 拒绝取消

### 1.7.5.3、 取消语句：

```
Update TBillNoteBatchOut
Set
        shipping_status = 9,
        ModifyEmp = '{0}',
        ModifyDate = '{1}'
Where   BillId = '{2}'
        And (Status & 64) = 0
        And shipping_status <> 9
        And Status > 1
```

### 1.7.6、 批发退货取消：ReturnPfAsn_NORMAL

### 1.7.6.1、 涉及参数：

### 1.7.6.2、 拒绝取消：

```
Select Top 1 Status
From    TBillNoteBatchOut
Where   (Status & 64) > 0 And SyncBillId = '{0}' And BillType = 1 And Status <> 1
```

当 Status&64>0 拒绝取消

### 1.7.6.3、 取消语句：

```
Update TBillNoteBatchOut
Set
    Status = 1,
    ModifyEmp = '{0}',
    ModifyDate = '{1}'
Where (Status & 64) = 0 And SyncBillId ='{2}' And BillType = 1 And Status <> 1
```

## 2、 发送类：业务回传

### 2.1、 销售订单出库状态回传-U00001：UpdateSalesOrder

#### 2.1.1、 涉及参数：

WD0229 设置减库存时间段(0:发货 1:称重 2:出库)

#### 2.1.2、 回传语句：

```
select top 2000
       a.BillId, a.OrigBillId, a.Ckid, b.order_sn, a.CreateEmp, a.BillDate,
       a.ChargeDate, a.ChargeEmp,b.shipping_code, c.KdBillId, a.Memo, a.uploadflag
from   TBillStockMain a, TSyn_order_info b, TBillKdRel c, TBillOrderInfo d
where  a.OrigBillId = b.so_sn and a.OrigBillId = c.WmsSoBillId and a.OrigBillId =
d.BillId and
       d.shipping_status in ({0}) and a.uploadflag < {1}
order by add_time
```

0:发货-shipping_status：6通知 uploadflag：1；
shipping_status：7,8更新uploadflag：2；
1:称重-shipping_status：6不处理；
shipping_status：7,8通知uploadflag：2；
2:出库-shipping_status：6,7不处理；
shipping_status：8一次通知uploadflag：2；

### 2.2、 订单缺货通知-U00005：UpdateSalesOrder

#### 2.2.1、 涉及参数：

WB0530 B2C缺货信息是否审核后上传
Staus：4：审核；2：制单

#### 2.2.2、 回传语句：

```
SELECT  BillId, CKID, order_sn, CreateEmp, CreateDate, Memo
FROM    TBillOrderLackStock m
WHERE   (m.Status & {0}) > 0
       And m.UpLoadFlag = 0

Select  b.BillId, b.Sku, b.QtyIn, b.QtyPlan,b.QtyDiff
From    TBillOrderLackStock m
       Inner Join TBillOrderLackStockDet b On m.BillId = b.BillId
Where   (m.Status & {0}) > 0
       And m.UpLoadFlag = 0
       And Not Exists(Select   1
```

```
                    From    TBillOrderInfo o WITH(NOLOCK)
                    Where   m.OrigBillId = o.BillId
                          And o.shipping_status = 9)
```

已取消 不上传

## 2.3、 库内作业回传-U00010：SendYcd

### 2.3.1、 涉及参数：

### 2.3.2、 回传语句：

UpLoadFlag = 10：没有可上传明细

#### 2.3.2.1、 库存下架：

```
Select  BillId, ChargeDate, ChargeEmp, Memo, OrigCK as CKID, 1 as LocType
From    TBillMoveLoc m
Where   (m.Status & 64) > 0 And m.UpLoadFlag = 0

Select a.BillId, a.Sku, a.QtyLoc, e.Property3 As FromWH, f.Property3 As ToWH
From    (
           Select BillId, Sku, OutLoc, SUM(QtyTotal) As QtyLoc, DestCK
           From (
                  Select a.BillId, c.Sku, a.QtyPlan * c.Qty As QtyTotal, a.OutLoc,
m.DestCK
                  From    TBillMoveLocDet a
                              Inner Join TDefCaseCodeDet c On a.sku = c.CaseBarcode
                              Inner Join TBillMoveLoc m On a.BillId = m.BillId
                  Where  a.QtyPlan > 0 and a.CasecodeFlag = 1
                        And m.OrigBillType <> 2
                         And (m.Status & 64) > 0 And m.UpLoadFlag = 0
                  UNION All
                  Select a.BillId, Sku, QtyPlan As QtyTotal, OutLoc, m.DestCK
                  From    TBillMoveLocDet a
                         Inner Join TBillMoveLoc m On a.BillId = m.BillId
                  Where   a.QtyPlan > 0 and a.CasecodeFlag <> 1
                        And m.OrigBillType <> 2
                         And (m.Status & 64) > 0 And m.UpLoadFlag = 0
              ) bb
           Group By BillId, Sku, OutLoc, DestCK
       ) a
       Inner Join TDefWHLocation c On a.OutLoc = c.WHlocationCode
       inner join TDefWHArea e on e.WHAreaId = c.ParentWHArea
       Inner Join TDefWHLocation d On d.WHlocationCode = a.DestCK
```

```
        inner join TDefWHArea f on f.WHAreaId = d.ParentWHArea

    Where  e.Property3 <> f.Property3
```

### 2.3.2.2、 库内上架：

```
Select  BillId, ChargeDate, ChargeEmp, Memo, OrigCK as CKID,  2 as LocType
From    TBillOnToLoc m
Where   (m.Status & 64) > 0 And m.UpLoadFlag = 0

Select  a.BillId, a.Sku, a.QtyLoc, f.Property3 As FromWH, e.Property3 As ToWH
       From    (
              Select  BillId, Sku, OutLoc, SUM(QtyTotal) As QtyLoc, DestCK
              From    (
                     Select  a.BillId, c.Sku, a.QtyPlan * c.Qty As QtyTotal,
a.OutLoc ,m.DestCK
                     From    TBillOnToLocDet a
                            Inner Join TDefCaseCodeDet c On a.Sku = c.CaseBarcode
                            Inner Join TBillOnToLoc m On a.BillId = m.BillId
                     Where   a.QtyPlan> 0 and a.CasecodeFlag = 1
                            And (m.Status & 64) > 0 And m.UpLoadFlag = 0
                     UNION All
                     Select  a.BillId, Sku, QtyPlan As QtyTotal, OutLoc ,m.DestCK
                     From    TBillOnToLocDet a
                            Inner Join TBillOnToLoc m On a.BillId = m.BillId
                     Where   a.QtyPlan > 0 And a.CasecodeFlag <> 1
                            And (m.Status & 64) > 0 And m.UpLoadFlag = 0
                     ) bb
              Group By BillId, Sku, OutLoc, DestCK
              ) a
              Inner Join VTDefWHLocation c On a.OutLoc = c.WHlocationCode
              inner join TDefWHArea e on e.WHAreaId = c.ParentWHArea
              Inner Join VTDefWHLocation d On d.WHlocationCode = a.DestCK
              inner join TDefWHArea f on f.WHAreaId = d.ParentWHArea
       Where   e.Property3 <> f.Property3
```

## 2.4、 直接移位通知-U00013：SendYcd

### 2.4.1、 涉及参数：

### 2.4.2、 回传语句：

```
Select  BillId, ChargeDate, ChargeEmp, Memo, CKID
From    TBillMoveLocDirect m
```

```
Where   (m.Status & 64) > 0 And m.UpLoadFlag = 0

Select a.BillId, a.Sku, a.QtyLoc, e.Property3 As FromWH, f.Property3 As ToWH
From   (
           Select BillId, Sku, OutLoc, SUM(QtyTotal) As QtyLoc, inLoc
           From (
                  Select a.BillId, c.Sku, a.QtyPlan * c.Qty As QtyTotal, a.OutLoc,
a.inLoc
                  From   TBillMoveLocDirectDet a
                             Inner Join TDefCaseCodeDet c On a.sku = c.CaseBarcode
                             Inner Join TBillMoveLocDirect m On a.BillId = m.BillId
                  Where  a.QtyPlan > 0 and a.CasecodeFlag = 1
                         And (m.Status & 64) > 0 And m.UpLoadFlag = 0
                  UNION All
                  Select a.BillId, Sku, QtyPlan As QtyTotal, a.OutLoc, a.inLoc
                  From   TBillMoveLocDirectDet a
                         Inner Join TBillMoveLocDirect m On a.BillId = m.BillId
                  Where   a.QtyPlan > 0 and a.CasecodeFlag <> 1
                         And (m.Status & 64) > 0 And m.UpLoadFlag = 0
              ) bb
           Group By BillId, Sku, OutLoc, inLoc
       ) a
       Inner Join TDefWHLocation c On a.OutLoc = c.WHlocationCode
       inner join TDefWHArea e on e.WHAreaId = c.ParentWHArea
       Inner Join TDefWHLocation d On d.WHlocationCode = a.inloc
       inner join TDefWHArea f on f.WHAreaId = d.ParentWHArea
Where  e.Property3 <> f.Property3
```

## 2.5、 批发出库回传-U00015：UpdatePfAsn

### 2.5.1、 涉及参数：

### 2.5.2、 回传语句：

```
Select b.InOutType, a.*
From   TBillBatchOut a
       Inner Join TBillNoteBatchOut b On a.OrigBillId = b.BillId
Where   (a.Status & 64)>0 and a.UpLoadFlag = 0 and a.BillType = 0

Select b.* From TBillBatchOut a
   Inner Join TBillBatchOutDet b On a.BillId = b.BillId
Where (a.Status & 64)>0 and a.UpLoadFlag = 0 and a.BillType = 0
```

## 2.6、 采购入库回传-U00020：UpdatePhd

### 2.6.1、 涉及参数：

### 2.6.2、 回传语句：

```
Select  b.InOutType, a.*
From    TBillStockPurchase a
       Inner Join TBillNotePurchase b On a.OrigBillId = b.BillId
Where   (a.Status & 128) > 0 And a.UpLoadFlag = 0 And a.BillType = 0
Order By a.BillId

Select  b.*
From    TBillStockPurchase a
       Inner Join TBillStockPurchaseDet b On a.BillId = b.BillId
Where   (a.Status & 128) > 0 And a.UpLoadFlag = 0 And a.BillType = 0
```

## 2.7、 批发退货回传-U00025：UpdateReturnPfAsn

### 2.7.1、 涉及参数：

### 2.7.2、 回传语句：

```
Select  b.InOutType, a.*
From    TBillBatchOut a
       Inner Join TBillNoteBatchOut b On a.OrigBillId = b.BillId
Where (a.Status & 128)>0 and a.UpLoadFlag = 0 and a.BillType = 1

Select b.* From TBillBatchOut a
    Inner Join TBillBatchOutDet b On a.BillId = b.BillId
Where (a.Status & 128)>0 and a.UpLoadFlag = 0 and a.BillType = 1
```

## 2.8、 销售退货单回传-U00030：UpdateRma

### 2.8.1、 涉及参数：

### 2.8.2、 回传语句：

```
Select a.* From TBillStockPurchase a
Where (a.Status & 128) > 0 And a.UpLoadFlag = 0 And a.BillType = 2

Select  b.*
```

```
From    TBillStockPurchase a
        Inner Join TBillStockPurchaseDet b On a.BillId = b.BillId
Where   (a.Status & 128) > 0 And a.UpLoadFlag = 0 And a.BillType = 2
```

### 2.9、 快递单修改-U00035：UpdateSalesOrder

#### 2.9.1、 涉及参数：

#### 2.9.2、 回传语句：

```
Select  b.FlowNo, b.OrderSn, a.CKID, a.ChargeEmp, a.ChargeDate,
        b.KdCompany, b.KdBillId, b.Memo
From    TBillKDChange a inner join TBillKDChangeDet b On a.BillId = b.BillId
Where   (a.status&64) > 0
        And b.UpLoadFlag = 0
```

同组取最大FlowNo记录上传，其他设置UpLoadFlag=10

### 2.10、 快递单取消交接-U00040：UpdateSalesOrder

#### 2.10.1、 涉及参数：

#### 2.10.2、 回传语句：

```
Select b.FlowNo, a.CKID, c.KdCompany, b.KdBillId, c.WmsSoBillid, d.order_sn
From    TBillKDDZ a Inner Join TBillKDDZdet b On a.BillId = b.BillId
            Inner Join TBillKdRel c On c.KdBillId = b.KdBillId
            Inner Join TSyn_order_info d On c.WmsSoBillid = d.so_sn
Where   b.CancelFlag = 1 And b.UpLoadFlag = 0
```

### 2.11、 调整单回传-U00045：SendAdjStock

#### 2.11.1、 涉及参数：

#### 2.11.2、 回传语句：

```
select a.*
from TBillAdj a
where (a.Status & 64) > 0 And a.AdjType = 0 And a.UpLoadFlag = 0

Select a.BillId, a.Sku, a.BoxNo, c.Property3 As FromWH, a.Qty, a.Qty As QtyPlan
From    TBillAdjDet a
        Inner Join (Select BillId
```

```
                    From  TBillAdj
                    Where (Status & 64) > 0  And AdjType = 0 And UpLoadFlag = 0
                ) m On a.BillId = m.BillId
        Inner Join TDefWHLocation b On a.BoxNo = b.WHlocationCode
        Inner Join TDefWHArea c On b.ParentWHArea = c.WHAreaId And a.CKID =
c.ParentWareHouse
```

## 2.12、 采购退货入库回传-U00050：UpdateTcd

### 2.12.1、 涉及参数：

### 2.12.2、 回传语句：

```
Select  b.InOutType, a.*
From    TBillStockPurchase a
        Inner Join TBillNotePurchase b On a.OrigBillId = b.BillId
Where   (a.Status & 64) > 0 And a.UpLoadFlag = 0 And a.BillType = 1

Select  b.*
From    TBillStockPurchase a
        Inner Join TBillStockPurchaseDet b On a.BillId = b.BillId
Where   (a.Status & 64) > 0 And a.UpLoadFlag = 0 And a.BillType = 1
```

## 2.13、 耗材出库回传-U00055：UpdatePfAsn

### 2.13.1、 涉及参数：

### 2.13.2、 回传语句：

```
Select a.* From TBillPackStuffOut a
Where (a.Status & 64)>0 And a.UpLoadFlag = 0 and a.BillType = 0

Select b.* From TBillPackStuffOut a
   Inner Join TBillPackStuffOutDet b On a.BillId = b.BillId
Where (a.Status & 64)>0 and a.UpLoadFlag = 0 and a.BillType = 0
```

## 3、 发送类：档案获取

## 3.1、 款号同步-D00001：GetGoodsList

### 3.1.1、 同步模式：增量

### 3.1.2、 涉及表：

```
      select * from TDefStyle
```

3.2、 Sku 同步-D00005：GetSkuList
3.2.1、 同步模式：增量
3.2.2、 涉及表：

```
select * from TDefSku
```

3.3、 颜色同步-D00006：GetColorList
3.3.1、 同步模式：增量
3.3.2、 涉及表：

```
select * from TDefClr
```

3.4、 尺码同步-D00007：GetSizeList
3.4.1、 同步模式：增量
3.4.2、 涉及表：

```
select * from TDefSize
```

3.5、 品牌同步-D00008：GetBrandList
3.5.1、 同步模式：增量
3.5.2、 涉及表：

```
select * from TDefAttrib where AttribDefId = 1
```

3.6、 大类同步-D00009：GetCatList
3.6.1、 同步模式：增量
3.6.2、 涉及表：

```
select * from TDefAttrib where AttribDefId = 2
只取EC顶级分类
```

3.7、 年度同步-D00010：GetYearList
3.7.1、 同步模式：增量
3.7.2、 涉及表：

```
select * from TDefAttrib where AttribDefId = 3
```

3.8、 季节同步-D00011：GetSeasonList
3.8.1、 同步模式：增量
3.8.2、 涉及表：

```
select * from TDefAttrib where AttribDefId = 4
```

3.9、 系列同步-D00012：GetSeriesList
3.9.1、 同步模式：增量
3.9.2、 涉及表：

```
select * from TDefAttrib where AttribDefId = 5
```

3.10、 省市区同步-D00015：GetRegionList
3.10.1、 同步模式：增量
3.10.2、 涉及表：

```
select * from Region
```