

Viking Fabrication
HydraLIST and JD Edwards Interface - Overview

Below is the documentation for both the item records, header records in the file and documentation on the file name. This documentation includes all the changes requested.

Header Record

Description	Start	Length	JDE	Length
Warehouse Number	1	2	N/A	
Project Number – List Number	3	12	N/A	
Company Number	15	2	N/A	
Projected Date for Fabrication	17	6	N/A	
Control Number (always 0001)	23	4	N/A	
Project Number - List Number	27	12	URRF	15
Process Number (always N)	39	1	N/A	
Project Name	40	30	VR02	30
Project Location	70	30	N/A	
Person Creating the List	100	16	N/A	
System Number	116	3	N/A	
Warehouse Number	119	2	See Note 1	2
Phase Number for Material	121	2	N/A	
Phase Number for Tax	123	2	N/A	
Project Number	125	7	?	
Customer ID	132	10	AN8	8
BY	142	30	ORBY	10
PO Number	172	10	VR01	25
Shipping Date	182	6	PPDJ	6
Delivery Date	188	6	DRQJ, PDDJ	6
Special Instructions	194	64	DEL1, DEL2	64

Note 1: Custom UDC will be setup to Convert Branch Code Entered to Appropriate Detail Business Unit
For example, 01 = 3601001

The UDC is System Code 57, Table BR.

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Item Record

Description	Start	Length	JDE	Length
Warehouse Number	1	2	N/A	
Project Number - List Number	3	12	N/A	
(F)ab or (L)oose	15	1	See Note 5	
Company Number	16	2	N/A	
Project Number - List Number	18	12	URRF	15
Part Number	30	10	N/A	
Reference Number	40	4	LNID	6
Quantity to Deduct	44	10	UORG	15
Alternate Part Number	54	23	LITM	25
Item Description	77	30	See Note 2	30
Cost	107	12	See Note 3	15
Price	119	12	See Note 3	15
Type Code	131	2	See Note 4	

Note 2: Items with an Alternate Part number of 'A' will be considered non-stock, and will be created with a non-stock line type (NF) – specified in a processing option, the description should also be mapped for these items. If it is a stock item, then the description should default from the Item Master.

Note 3: The Price and cost can originate in HydraLIST, override the JDE values, and mapped to UPRC and UNCS if Fabrication Material (F). The Price should come from JDE advanced pricing if Loose or Misc. Material (L).

Note 4: Type Code AU items will not be brought into JDE

Note 5: An additional Field is provided in the HydraLIST file to indicate whether the item is Fab or Loose (F or L). This will help to determine what line type should be used for Stock Items. The line type for Loose and Fab. Material can be overridden by a processing option, but is currently set to 'LS' for Loose and allowing the Fab. Material to default from the Item/Branch (S, NS, or L). This will allow us to sort and group the items as needed on the Pick Slip, Quote, and Invoice.

Stock List FILENAME documentation

Description of the Filename IS010401.ITF		
Field	Sample Data and Definition	Field Length
File Type	VF- (V)iking (F)abrication	2
List #	0104 - Four Digit Stocklist Number	4
ITF Identifier	01 - Two digit Alpha used to Identify User	2
Extension	ITF - (I)nventory (T)ransfer (F)ile	3
This file will be created and placed in the \HES\Hydlist\Ver50\Data\Inven folder.		

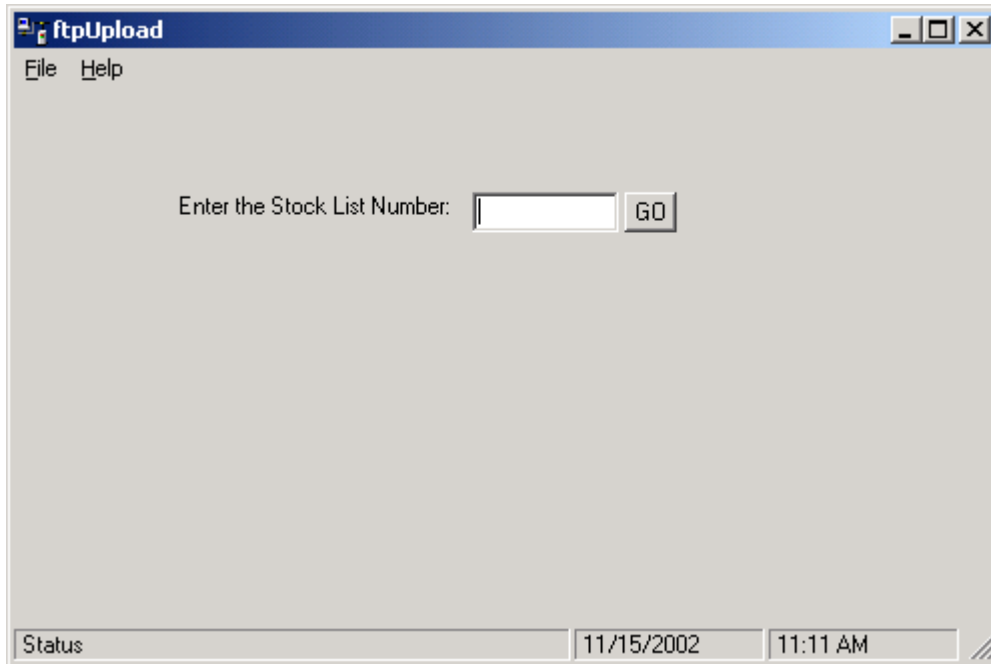
Please note that the ITF Identifier defaults to 01 but can be configured to yield a unique 2-digit alpha for each HydraLIST user. This is done in the Hydralist/Utilities/Alter Pop Ups – ITF_Num. Dat. Setting.

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File Transfer Utility:

A File Transfer Utility (FTPUpload) was written to allow the user to enter a stock list number and send the file created by HydraLIST to JDE.

Below are screen samples from the FTPUpload transfer utility.



Details on the FTP Upload Utility:

- The user will specify the stock list number to upload to the AS/400
- If the file has already been sent, then a warning message will appear and allow the user to replace the file or cancel
- Each user will be setup in HydraLIST with a unique user code, and this code is part of the file name sent to the JDE
- Setup parameters for the FTP utility will need to be specified when it is first installed