CHB: Academy Logging Script for Yusen

Contents

Summary

In order to mass log the files that come on the weekly Yusen 30-Day Forecast report, the report is imported into IAH's SQL Server for data formatting and translating. Once translated, data is output to the desktop script input files for the user to run a CFIT desktop script.

Scripts Locations

1. Mass Logging Version - Logs all MBLs (1 MBL per file) except where the origin is Chittagong
   a. "F:\Scripting\Import\CHB_IMPORT_ACADEMY_QUICKLOG\INDEXED_VERSION\CHB_IMPORT_ACADEMY _MASS_LOG_VERSION_003.eds"
2. Single File Version - Logs Multiple MBLs in 1 file (used for Chittagong Shipments)
   a. "F:\Scripting\Import\CHB_IMPORT_ACADEMY_QUICKLOG\INDEXED_VERSION\CHB_IMPORT_ACADEMY _QUICKLOG_INDEXED_VERSION_CHITTAGONG_MULTI_MB_004.eds"

Input/Output Files

1. Skipped files, list of MBLs that aren't logged and the date it tried to log
   a. "F:\Scripting\Import\CHB_IMPORT_ACADEMY_QUICKLOG\INDEXED_VERSION\Output\Skipped_Files.csv "

Communication Plan

Please submit a ticket through PMA

1. For any changes or updates to the Academy Yusen 30 Day Report, including column name changes, newly added columns, and removed columns.
2. For any enhancements to the script

3. For any issues with the Desktop Scripts, please include screenshots

Weekly Updates

1. ***Place the report in an F Drive location: F:\FTP\CHB_ACADEMY_YUSEN_REPORT**

How It Works

Overview of major steps

1. The Yusen 30 day forecast report gets emailed weekly as an Excel file
2. The report gets uploaded to IAH's SQL Server
3. SQL Server will output the input files for the Desktop Script
4. User runs script in CFIT
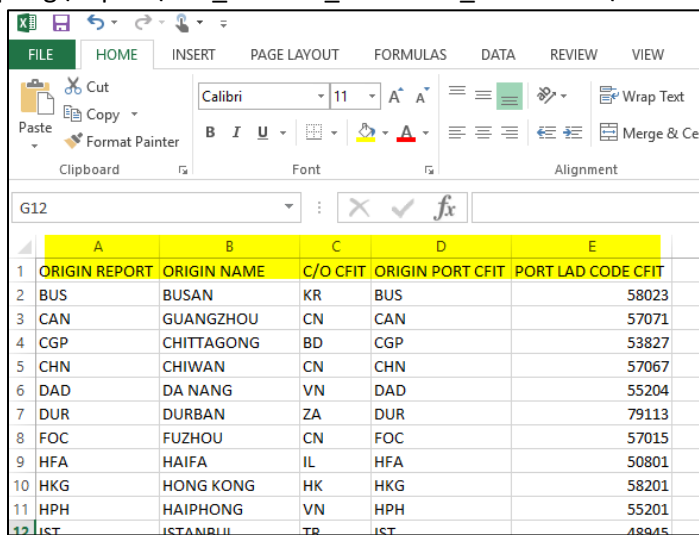5. Origin Ports are managed in Input/ports_origin.csv

Logic

1. Script logs every applicable file based on Masterbill Number (1 masterbill per file)
2. Excludes shipments from Chittagong (Load port = CGP)

User Guide

How to Update Origin Ports

1. Open in Excel
   "F:\Scripting\Import\CHB_IMPORT_ACADEMY_QUICKLOG\INDEXED_VERSION\Input\ports_origin.csv"

   a.
2. Modify the port data (refer to above screenshots)
   a. **ORIGIN REPORT** column is the port code provided by the 30 day Yusen Report
   b. **ORIGIN NAME** column is just for user reference
   c. **C/O CFIT** column is the country of origin required by CFIT
   d. **ORIGIN PORT CFIT** column is the origin port code required for CFIT
   e. **PORT LAD CODE CFIT** column is the 5-digit code required for CFIT

Known Issues/Notes

1. 3/6/2018 – Migrated to SQL Server from Macro because was taking hours to run due to it being over 18,000 lines long
2. **3/6/2018 – Meeting Notes :**
   a. Create an output for all of the skipped MBLs for later investigation eta/Thursday
   b. GBO need to write a query to match MBLs against ETMS to avoid the script running through the same files

Technical Documentation

Reference for IAH-GBO team

SQL Server Object Locations

1. Database - IMPORT_DATA
2. Table Raw Data - Table where the raw report data is stored
   a. [IMPORT_DATA].[dbo].[CHB_ACADEMY_YUSEN_REPORT_RAW]
3. Table Report Data - Table where data has been translated and formatted
   a. [IMPORT_DATA].[dbo].[CHB_ACADEMY_YUSEN_REPORT_DATA]
4. Table Port Codes - Table where the port code translations for CFIT are stored
   a. [IMPORT_DATA].[dbo].[CHB_ACADEMY_YUSEN_PORT_CODE]
5. Stored Procedure that translates the Raw data into formatted data and merges port code list to table
   a. dbo.SP_CHB_ACADEMY_YUSEN_MERGE
6. Stored Procedure that creates MBL Input for Mass Logging Version of desktop script
   a. dbo.SP_CHB_ACADEMY_YUSEN_MASS_LOGGING_INPUT_MBL
7. Stored Procedure that creates References Input for Mass Logging Version of desktop script
   a. dbo.SP_CHB_ACADEMY_YUSEN_MASS_LOGGING_INPUT_REF
8. Function that returns the CFIT port using the Port from the Yusen Report
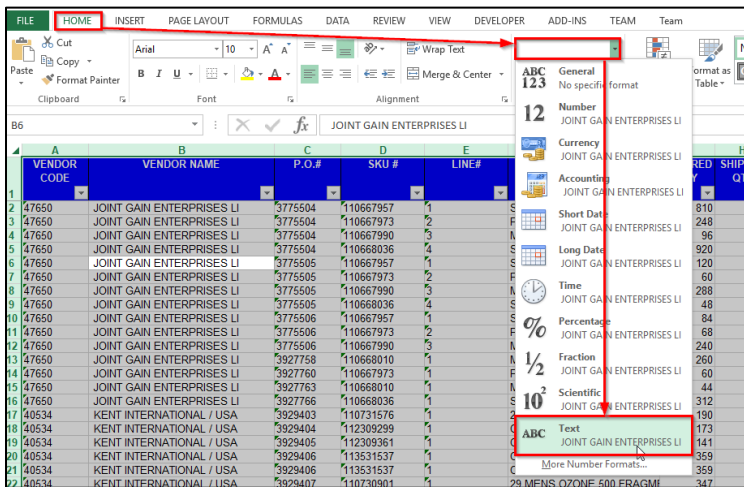   a. dbo.UDF_CHB_ACADEMY_YUSEN_PORT_CODE_CFIT

Manual Import of Yusen Report to SQL Server

*SSIS Package is TBD, also perform steps if stored procedure is not working.
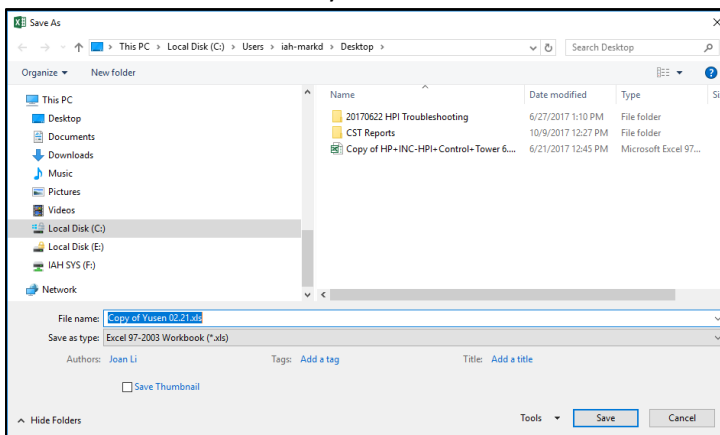
1. Open report and remove header, usually rows 1-9

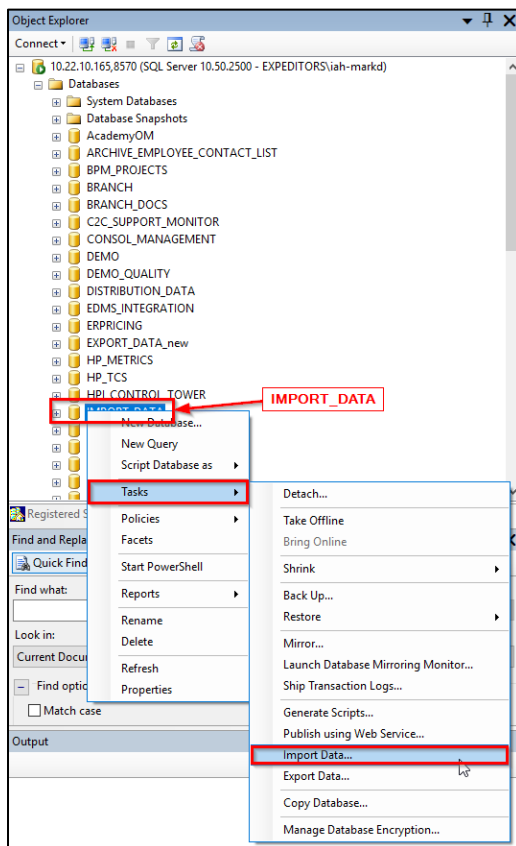   a.
2. Select all and format as text

a.

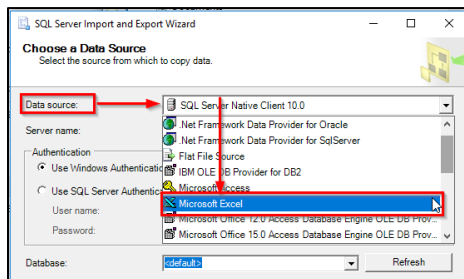3. Save the file and remember where you saved it

a.

4. Open SQL Server Management Studio and connect to IAH (10.22.10.165,8570)
5. Right click the database "IMPORT_DATA" and select Tasks->Import Data to open the SQL Server Import and Export Wizard
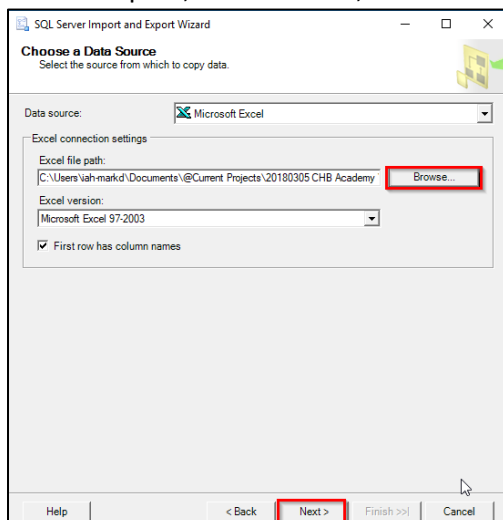
a.

6. For Data Source choose Microsoft Excel

a.

7. Browse for the filepath, select the file, then click next

a.

8. Click Next, default settings are ok (screenshots)

a.

9. Click Next, default settings are ok (screenshots)

a.

10. Check the first checkbox for under the Source column, and select
    [dbo].[**CHB_ACADEMY_YUSEN_REPORT_RAW**] under the Destination column. Then click next.

a.

11. Make sure Run Immediately is checked by default, then click Next.
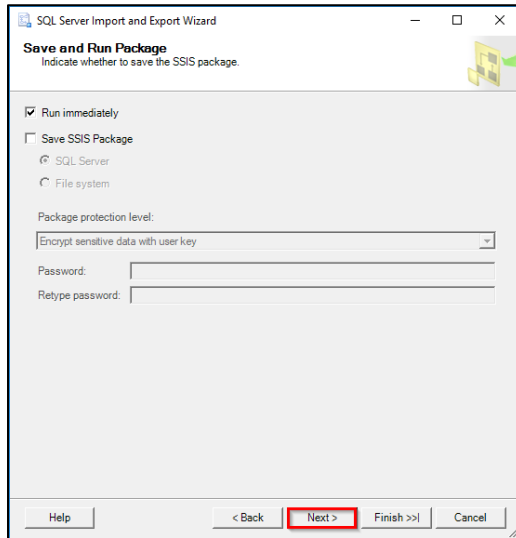
    a.

12. Click Finish and the data should import. If it does not, then review the steps, or there is an issue with the column mapping.
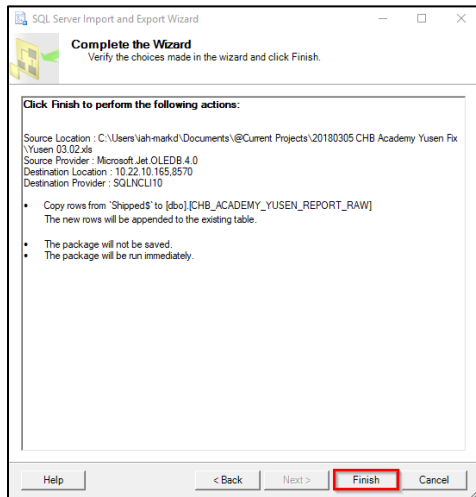
    a.

13. This is what it should look like (screenshot). Click close
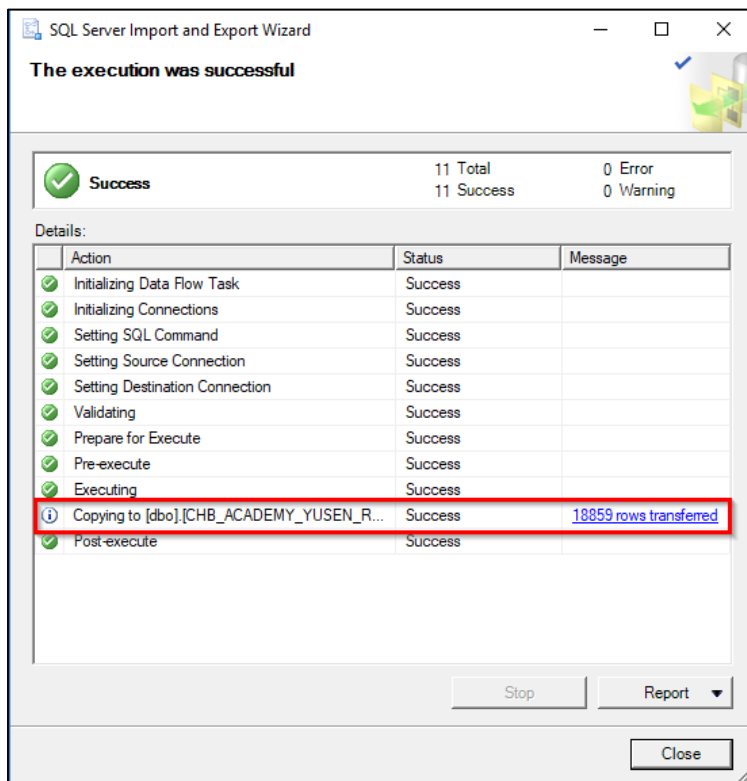
a.
14. Run the following SQL code to execute stored procedures.

```sql
USE [IMPORT_DATA]
GO

EXEC dbo.SP_CHB_ACADEMY_YUSEN_MERGE

EXEC dbo.SP_CHB_ACADEMY_YUSEN_MASS_LOGGING_INPUT_MBL

EXEC dbo.SP_CHB_ACADEMY_YUSEN_MASS_LOGGING_INPUT_REF
```

a.
15. Three separate result sets will come up (screenshot below).
    a. The first one is just the result of the translation
    b. The second one you will need to copy and paste into the input file (also make sure it's comma delimited):
       "F:\Scripting\Import\CHB_IMPORT_ACADEMY_QUICKLOG\INDEXED_VERSION\Input\output_mass.csv"
    c. The third one you will need to copy and paste into the input file (also make sure it's comma delimited):
       "F:\Scripting\Import\CHB_IMPORT_ACADEMY_QUICKLOG\INDEXED_VERSION\Input\output_references_mass.csv"

SQLQuery13.sql - ...iah-markd (149)* | SQLQuery12.sql - ...iah-markd (114)*

```sql
USE [IMPORT_DATA]
GO

EXEC dbo.SP_CHB_ACADEMY_YUSEN_MERGE

EXEC dbo.SP_CHB_ACADEMY_YUSEN_MASS_LOGGING_INPUT_MBL

EXEC dbo.SP_CHB_ACADEMY_YUSEN_MASS_LOGGING_INPUT_REF
```

Results | Messages

1

	VENDOR_CODE	VENDOR_NAME	PO_NUMBER	SKU_NUMBER	LINE_NUMBER	DESCRIPTION	ORDERED_QTY	SHIPPED_QTY	CARTON_COUNT	MASTER_PACK	ORDERED_CBM	SH
1	46510	EPIC DESIGNERS LIMITED	3788589	108987775	3	BCG W RGHN IT BERMUDA SHORT NAVY 04 6 WO	72	74	2	37	NULL	0.
2	46510	EPIC DESIGNERS LIMITED	3788589	108987783	4	BCG W RGHN IT BERMUDA SHORT NAVY 04 8 WO	108	113	3	0	NULL	0.
3	46510	EPIC DESIGNERS LIMITED	3788589	108987791	5	BCG W RGHN IT BERMUDA SHORT NAVY 04 10 W	108	111	3	37	NULL	0.
4	46510	EPIC DESIGNERS LIMITED	3788589	108987804	6	BCG W RGHN IT BERMUDA SHORT NAVY 04 12 W	72	74	2	37	NULL	0.
5	46510	EPIC DESIGNERS LIMITED	3788589	108987812	7	BCG W RGHN IT BERMUDA SHORT NAVY 04 14 W	72	72	2	36	NULL	0.
6	46510	EPIC DESIGNERS LIMITED	3788589	108987821	8	BCG W RGHN IT BERMUDA SHORT NAVY 04 16 W	36	37	1	37	NULL	0.

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	MBL	CO	PO	TOTALCARTONS_MB	EXPORTDATE	VESSEL	VOYAGE	LOADPORT	POD	POA	ETA_CA_GA	CTN_PER_CONTAINER	CO_SIZE	TOTAL_CARTONSQTY
	CMDUNJNZ204170	TGHU3691876	3931572	34	01/24/2018	OOCL MALAYSIA	0UP01E1MA	NTG	SAV	SAV	03/17/2018	34	20	34
2	EFLREFLSZX02257	TLLU1611124	3911158	10206	02/02/2018	OSAKA EXPRESS	071E	YAT	SAV	SAV	03/07/2018	10206	40	10206
3	MAEU963466543	MRKU5537676	4042156	2270	01/18/2018	MAERSK CHICAGO	1802	DUR	IAH	IAH	03/09/2018	2270	40	2270
4	COSU6161712150	TCNU3837228	3950945	840	01/31/2018	COSCO BOSTON	150E	YAT	IAH	IAH	03/02/2018	840	40	840
5	MAEU963569343	TCLU6911804	3790603	566	01/09/2018	NORTHERN MO...	1802	DUR	IAH	IAH	03/02/2018	566	20	566
6	KKLUNB5222474	FSCU4932769	4154133	627	02/17/2018	NYK THEMIS	054E	NBO	LAX	LAX	03/09/2018	627	40	627
7	CMDUXIA0300846	ECMU8114943	4003903	1402	01/25/2018	CMA CGM MELIS...	437VCE	XMN	SAV	U...	03/20/2018	1402	45	1402
8	APLU104331181	CMAU7618931	4122837	691	02/02/2018	BALTIC BRIDGE	0PG05E	SHA	IAH	IAH	03/08/2018	691	40	691

3

	MB	REFERENCE	REF_TYPE	REF_COUNT	CO_SIZE
	APLU063911424	APLU063911424	MB	337	CTNS
2	APLU063911424	TCNU9090530	CO	337	40
3	APLU063911424	3978871	PO	X	X
4	APLU063911562	APLU063911562	MB	609	CTNS
5	APLU063911562	ECMU4453229	CO	285	40
6	APLU063911562	4076239	PO	X	X
7	APLU063911562	4082785	PO	X	X
8	APLU063911562	GLDU4141306	CO	324	40

Query executed successfully. | 10.22.10.165,8570 (10.50 SP1) | EXPEDITORS\iah-markd (... | IMPORT_DATA | 00:00:02 | 23730 rows

d.