



MOD0700 - DSG
2nd September 2019

Class Change - SPC File

SPC File		
Record Type	RT_S34_MRF_AND_BATCH_FREQ_CHANGE_REQUEST	1000 Record Limit
	RT_S35_CANCEL_MRF_AND_BATCH_FREQ_CHANGE_REQ	1000 Record Limit
	RT_S36_SMP_CAPACITY_CHANGE_REQ	1000 Record Limit
	RT_S37_CANCEL_SMP_CAPACITY_CHG	1000 Record Limit
	RT_C38_CLASS_CHANGE	1000 Record Limit
	RT_C39_CLASS_CHANGE_CANCELLATION	1000 Record Limit
	RT_U80_NTS_OPT_RATE_CHANGE	1000 Record Limit
	RT_U81_NTS_OPT_RATE_CANCEL	1000 Record Limit

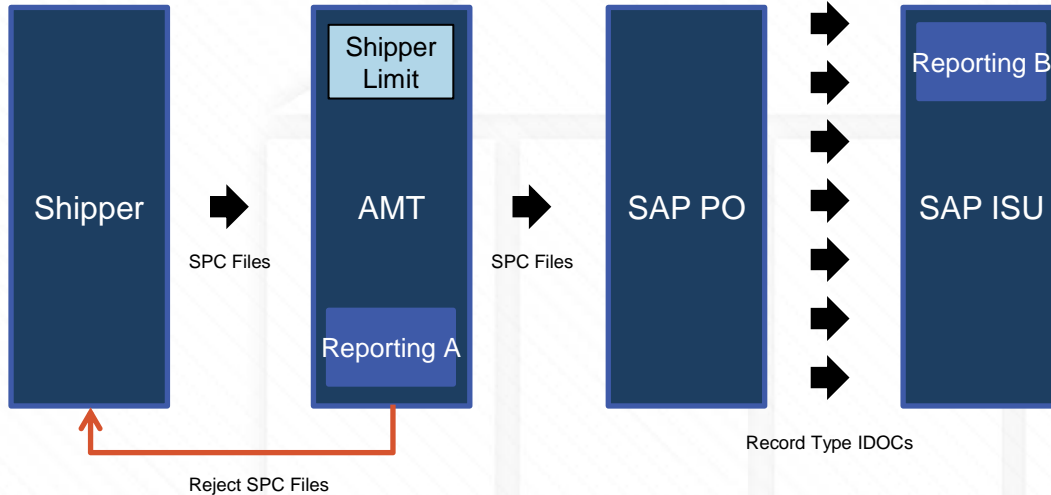
- The above provides a view of the SPC file structure
- Each record type has a limit of 1000 records, meaning the maximum number of records within a single SPC file is 8,000 if all allowable record were utilised (FIL000018)
- Vast majority of records contained within a BAU SPC file are C38's (Class Change)
- SPC file max processing capacity is currently set at 26,000 within the UK Link IS Service Definition document

Options Considered

#	Options	Comments
1	Set a shipper limit on SPC files (e.g. 5 files into AMT per shipper, per day)	<ul style="list-style-type: none">• Provides control over the number of SPC files being submitted.• Relatively simple build and can be delivered within project timescales.• Minimal impact to AMT performance.
2	Set a shipper limit on SPC – Class Change Records (e.g. 1,000 records into AMT per shipper, per day)	<ul style="list-style-type: none">• Provides control over the number of SPC records being submitted.• Complex build that could not be achieved within project timescales• Greater cost and performance requirements for AMT for an interim solution.
3	Leave as-is and monitor through customer engagement.	<ul style="list-style-type: none">• Option relies entirely on forecasts being provided.• CDSP has no current technical capability to reject files and would require manual intervention with email rejections.

The approach is to proceed with option 1.

Option 1: Shipper Limit SPC Files



- Modification in AMT to set a limit per shipper for the number of SPC files.
- If a file is sent above the SPC limit it may be rejected using the proposed file rejection code FIL000018.
- As an exception files may be rejected via email.
- Xoserve will have the capability to report on number of files sent and records received in AMT & SAP ISU.

Rejection Codes

ID	Rejection Description
FIL00010	File contains no records
FIL00011	Record contains incorrectly formatted data
FIL00012	Records are not in the expected order
FIL00013	Organisation Id on the Header cannot be found
FIL00014	Organisation Id on the Header does not match the Sender's Id in the File Name
FIL00015	File Type on the Header is not the same as that in the File Name
FIL00016	Generation Number on the Header is not the same as that in File Name
FIL00017	A file with this Generation Number has already been received and successfully processed
FIL00018	A physical count of the Detail Records in the File does not match that held in the count field on the Trailer
FIL00019	Invalid Record Type found
FIL00023	Generation number in filename is not numeric
FIL00024	Invalid sub-record transaction type for high-level record transaction type
FIL00020	No Valid Message - File contains incorrectly formatted records
FIL00124	File rejected and will not be processed