National Motor Freight Classification (NMFC)®
Data Files Record Layouts

Item File

Artmast.txt

Field	Length	Columns	Notes
Item Number	6	1-6	Numeric identifier for the commodity(s) description.
Sub	2	7-8	The sub, if used, indicates that there is further refinement of the description for the commodity(s) embraced by this item.
Item/Sub Line Number	3	9-11	Due to field length limitations, some records are broken into more than one record.
Indent Level	2	12-13	Indicates a level of hierarchy.
Hazard	1	14	An asterisk (*) denotes Hazardous Materials, indicating commodity(s) described in this record may be subject to special federal regulations concerning the shipment of hazardous materials. A caret (^) denotes Handling, Stowability, and Liability considerations. A # denotes both Hazardous Materials with Handling, Stowability, and Liability considerations.
Description	77	15-91	Identifies a particular commodity(s) and may include allowable packaging.
Class	8	92-99	A numeric ranking (class) assigned to the commodity(s) described based on its transportation characteristics. See Item/Rule 110 and 420. When "0" is displayed, it means the commodity(s) is subject to rates and regulations of the individual carrier. When "Exempt" is displayed, it means the commodity(s) is not subject to economic regulation.

Field	Length	Columns	Notes
			When "NotTaken" is displayed, it means the commodity(s) will not be accepted for shipment.
Pointer Item Number	6	100-105	Identifies the item number to which this item record is subordinate.
Pointer Sub	2	106-107	Identifies the item number to which this sub record is subordinate.
Pointer Line Number	3	108-110	Identifies the line number to which this record is subordinate.
Issue Date	8	111-118	This field will show the tariff issue date for the last revision to this record.
Effective Date	8	119-126	Tariff effective date for the last revision to this record.
Filler	74	127-200	Pads out record to 200 bytes.

Index File

Index.txt

Field	Length	Columns	Notes
Record ID	6	1 - 6	Record ID number(s) from previous mainframe system. Not needed.
Sequence Number	4	7-10	
Indent Level	2	11-12	Indicates a level of hierarchy.
Description	100	13-112	Commodity(s) description from the Index section of the National Motor Freight Classification.
Item Number(s) [13 fields of 6 each]	78	113-190	Item numbers referred to by the description field for each record.
Filler	10	190-200	Pads out record to 200 bytes.

Generic Heading File

Genptr.txt

Field	Length	Columns	Notes
Description	80	1-80	Identifies a particular generic heading for a grouping of similar commodities.
Item Number	6	81-86	Item number of Generic Heading.
Filler	114	87-200	Pads out record to 200 bytes.

Note File

REFNOTES.TXT

Field	Length	Columns	Notes
Item/Sub Number	8	1-8	
Notes Referenced	78	9-86	13 occurrences of 6 character note item number
Carriage Return/Line Feed	2	87-88	

Package File

REFPACKS.TXT

Field	Length	Columns	Notes
Item/Sub Number	8	1-8	
Packages Referenced	400	9-408	50 occurrences of 8 character package item number
Carriage Return/Line Feed	2	409-410	

Carrier File

SMCCARR.TXT

Field	Length	Columns	Notes
SCAC	4	1-4	
Sequence Number	3	5-7	Always zero.
Operating Certificate	10	8-17	Left justified.
Carrier Name	130	18-147	
Carrier Address	51	148-198	
Carriage Return/Line Feed	2	199-200	

Package File

SMCPACK.TXT

Field	Length	Columns	Notes
Item/Sub Number	8	1-8	
Sequence Number	3	9-11	
Package Text	80	12-91	
Effective Date	8	92-99	
Filler	99	100-198	
Carriage Return/Line Feed	2	199-200	

Rule File

SMCRULE.TXT

Field	Length	Columns	Notes
Item/Sub Number	8	1-8	
Sequence Number	3	9-11	

Field	Length	Columns	Notes
Rule Text	80	12-91	
Effective Date	8	92-99	
Filler	99	100-198	
Carriage Return/Line Feed	2	199-200	