FILE FORMAT 106

THE SUPPLY AND RETURNS FILE

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CONTENTS

THE SUPPLY AND RETURNS FILE

1.   INTRODUCTION

    1.1   General Approach

    The Supply and Returns File was developed to provide data on the newspaper issues supplied to and returned from retailers over a weekly period. Each SORDET message carries data for the retail outlets served by one wholesale house.

    1.2   Usage and Data Standards

    The product/publication title is identified by an EAN-13 article number allocated under the ISSN system for periodicals and journals. In the CPI segment a daily newspaper title is identified by the EAN-13 number with the last 3 digits set to zero. Thus any price information cannot be carried in this file.

    Each issue of the title is then identified in the SPI segment using the 13 digit EAN/ISSN number with a two-digit add-on for the issue. Alternatively the date of the newspaper can identify the issue.

    The quantities supplied and returned for each issue of a title is recorded by retail outlet supplied. There are seven quantity details elements per DTA segment: QPSA refers to the first SPI segment; QPSB to the second SPI; and so on. Thus data for up to seven issues of a newspaper can be sent in one DTA segment. The DTA segment is not sent if all the supply quantities are zero. If the quantity returned sub-element is absent this indicates that the wholesaler does not have the returns data for that issue, not that the quantity supplied is the net sale.

    For a weekday newspaper, the SPI segments for a title must present the issues in the sequence of the on-sale dates. There should be no SPI segments for days when the title is not published.

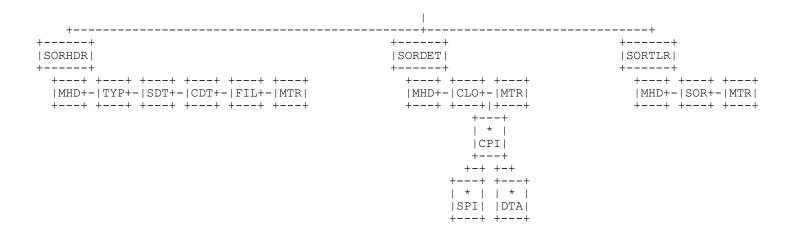   For a Sunday only title, there is only one SPI segment per week.

2.   FILE STRUCTURE (MESSAGES AND SEGMENTS)

THE SUPPLY AND RETURNS FILE STRUCTURE

Message	Consisting of Segments		Repeating as follows
SORHDR Supply and Returns File Header			
	MHD =	Message Header	One message only, at the start of the file
	TYP =	Transaction type Details	
	SDT =	Supplier Details	
	CDT =	Customer Details	
	FIL =	File Details	
	MTR =	Message Trailer	
SORDET Supply and Returns Detail File	MHD =	Message Header	One message per house
	CLO =	Customer's Location	
	CPI =	Product/Publication Identity	Repeats for each title
	SPI =	Specific Product Identity or	Repeats for each issue of the title
	DTA =	Outlet Specific Data	
	MTR =	Message Trailer	
			Repeats for each retail outlet
SORTLR Supply and Returns Trailer	MHD =	Message Header	One message only, at the end of the file
	SOR =	Supply and Returns File	
	MTR =	Message Trailer	

NOTE: Every transmission must begin with segment STX and end with segment END.

3.   FILE STRUCTURE DIAGRAM

```
                                                    |
        +---------------------------------------------------+----------------------------+
    +------+                                    +------+                          +------+
    |SORHDR|                                    |SORDET|                          |SORTLR|
    +------+                                    +------+                          +------+
      +---+ +---+ +---+ +---+ +----+ +---+         +---+ +---+ +---+                 +---+ +---+ +---+
      |MHD+-|TYP+-|SDT+-|CDT+-|FIL+-|MTR|         |MHD+-|CLO+-|MTR|                 |MHD+-|SOR+-|MTR|
      +---+ +---+ +---+ +---+ +----+ +---+         +---+ +---+|+---+                 +---+ +---+ +---+
                                                             +---+
                                                             | * |
                                                             |CPI|
                                                             +---+
                                                            +-+ +-+
                                                          +---+ +---+
                                                          | * | | * |
                                                          |SPI| |DTA|
                                                          +---+ +---+
```

* Denotes repeatable segments

FILE: SUPPLY AND RETURNS FILE

SEGMENT			DATA ELEMENT		DATA ELEMENT NAME	M/C	F/V	PICTURE	REMARKS (See also General Remarks in directory)
MHD	=				MESSAGE HEADER	M			
			MSRF		Message Reference	M	V	9(12)	Consecutive count of messages within the transmission
		+	TYPE		Type of Message	M			
					Type	M	F	X(6)	'SORHDR'
				:	Version Number	M	F	9(1)	'1' for this version
TYP	=				TRANSACTION TYPE DETAILS	M			
			TCDE		Transaction Code	M	F	9(4)	Code Values List 2
		+	TTYP		Transaction Type	C	V	X(12)	Code Values List 3
SDT	=				SUPPLIER DETAILS	M			
			SIDN		Supplier's Identity	M			
					Supplier's EAN Location Number	C	F	9(13)	EAN Location number identifying supplier
				:	Supplier's Identity Allocated by Customer	C	V	X(6)	Supplier's Code as allocated/used by customer
		+	SNAM		Supplier's Name	C	V	X(40)	Supplier's legal name as printed on

								invoices

FILE: SUPPLY AND RETURNS FILE

SEGMENT			DATA ELEMENT		DATA ELEMENT NAME	M/C	F/V	PICTURE	REMARKS (See also General Remarks in directory)
		+	SADD		Supplier's Address	C			A maximum of five lines to give the supplier's address
					Supplier's Address Line 1	C	V	X(35)	
				:	Supplier's Address Line 2	C	V	X(35)	
				:	Supplier's Address Line 3	C	V	X(35)	
				:	Supplier's Address Line 4	C	V	X(35)	
				:	Supplier's Post Code	C	V	X(8)	
		+	VATN		Supplier's VAT Registration Number	C			
					Numeric VAT Registration Number	C	F	9(9)	Trader's VAT number allocated by HM Customs & Excise
				:	Alphanumeric VAT Registration Number	C	V	X(17)	Government department or non-UK VAT number
CDT	=				CUSTOMER DETAILS	M			
			CIDN		Customer's Identity	M			
					Customer's EAN Location Number	C	F	9(13)	EAN Location number identifying the customer
				:	Customer's Identity Allocated by Supplier	C	V	X(12)	Customer's Code as allocated/used by supplier
		+	CNAM		Customer's Name	C	V	X(40)	Customer's registered legal name

FILE: SUPPLY AND RETURNS FILE

SEGMENT			DATA ELEMENT		DATA ELEMENT NAME	M/C	F/V	PICTURE	REMARKS (See also General Remarks in directory)
		+	CADD		Customer's Address	C			A maximum of five lines to give the customer's address
					Customer's Address Line 1	C	V	X(35)	
				:	Customer's Address Line 2	C	V	X(35)	
				:	Customer's Address Line 3	C	V	X(35)	
				:	Customer's Address Line 4	C	V	X(35)	
				:	Customer's Post Code	C	V	X(8)	Customer's Post Code
		+	VATR		Customer's VAT Registration Number	C			
					Numeric VAT Registration Number	C	F	9(9)	Trader's VAT number allocated by HM Customs & Excise
				:	Alphanumeric VAT Registration Number	C	V	X(17)	Government department or non-UK VAT number
FIL	=				FILE DETAILS	M			
			FLGN		File Generation Number	M	V	9(4)	This number is sequential, per file type, per trading partner
		+	FLVN		File Version Number	M	V	9(4)	Original (which is always 1) is incremented by 1 for each additional copy created
		+	FLDT		File Creation Date	M	F	9(6)	Date the file is created Format: YYMMDD

FILE: SUPPLY AND RETURNS FILE

SEGMENT			DATA ELEMENT		DATA ELEMENT NAME	M/C	F/V	PICTURE	REMARKS (See also General Remarks in directory)
		+	FLID		File (Reel) Identification	C	V	X(6)	Reference on the outside of the reel containing the file
MTR	=				MESSAGE TRAILER	M			
			NOSG		Number of Segments in Message	M	V	9(10)	Control count of the number of segments comprising message. The count includes the MHD and MTR segments surrounding the message

FILE: SUPPLY AND RETURNS FILE

SEGMENT			DATA ELEMENT		DATA ELEMENT NAME	M/C	F/V	PICTURE	REMARKS (See also General Remarks in directory)
MHD	=				MESSAGE HEADER	M			
			MSRF		Message Reference	M	V	9(12)	Consecutive count of messages within the transmission
		+	TYPE		Type of Message	M			
					Type	M	F	X(6)	'SORDET'
				:	Version Number	M	F	9(1)	'1' for this version
CLO	=				CUSTOMER'S LOCATION	M			Identifies the wholesaler
			CLOC		Customers's Location	M			One of the following 3 customer's references must be present
					Customer's EAN Location Number	C	F	9(13)	EAN Location number identifying the customer's location
				:	Customer's Own Location Code	C	V	X(17)	Customer's identity for the location to which the goods ordered are to be/have been delivered
				:	Supplier's Identity of Customer's Location	C	V	X(17)	Supplier's reference for the customer's location
		+	CNAM		Customer's Name	C	V	X(40)	Customer's registered legal name

SEGMENT			DATA ELEMENT		DATA ELEMENT NAME	M/C	F/V	PICTURE	REMARKS (See also General Remarks in directory)
		+	CADD		Customer's Address	C			A maximum of five lines to give the customer's address
					Customer's Address Line 1	C	V	X(35)	
				:	Customer's Address Line 2	C	V	X(35)	
				:	Customer's Address Line 3	C	V	X(35)	
				:	Customer's Address Line 4	C	V	X(35)	
				:	Customer's Post Code	C	V	X(35)	Customer's Post Code
CPI	=				PRODUCT/PUBLICATION IDENTITY	M			Identifies the title
			SEQA		First Level Sequence Number	M	V	9(10)	Starts at 1 and is incremented by 1 for each segment of this type in the message
		+	CPRF		Common Product Reference	C			Identifies the product supplied
					EAN-13 Article Number	C	F	9(13)	EAN article number allocated to the unit of trade (ISSN format)
				:	Suppliers code	C	V	X(30)	If no product code exists, use literal product name
				:	Customers code	C	V	X(30)	Product code used by customer

FILE: SUPPLY AND RETURNS FILE

SEGMENT			DATA ELEMENT		DATA ELEMENT NAME	M/C	F/V	PICTURE	REMARKS (See also General Remarks in directory)
SPI	=				SPECIFIC PRODUCT IDENTITY OR DATE	M			Identifies the issue of the publication
			SEQA		First Level Sequence Number	M	V	9(10)	Takes the value of SEQA from CPI segment
		+	SEQB		Second Level Sequence Number	M	V	9(10)	Starts at 1 and incremented by 1 for each repeat of this segment
		+	SPID		Supplementary Product Identity	C			
					Supplementary Product Identity Coded	M	V	X(30)	eg. Two digit add-on for issue number or 9(15) ISSN
				:	Date	C	F	9(6)	Format: YYMMDD
				:	Application Identifier	C	V	9(4)	Use of coded identity in EAN-128

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SEGMENT			DATA ELEMENT		DATA ELEMENT NAME	M/C	F/V	PICTURE	REMARKS (See also General Remarks in directory)
DTA	=				OUTLET SPECIFIC DATA	M			Supply and returns data for each retail outlet
			SEQA		First Level Sequence Number	M	V	9(10)	Starts at 1 and is incremented by 1 for each segment of this type in the message
		+	SEQB		Second Level Sequence Number	M	V	9(10)	Starts at 1 and incremented by 1 for each repeat of this segment
		+	CLOC		Customer's Location	M			One of the following 3 customer's references must be present
					Customer's EAN Location Number	C	F	9(13)	EAN location number identifying the customer's location
				:	Customer's Own Location Code	C	V	X(17)	Customer's identity for the location to which the goods ordered are to be/have been delivered
				:	Supplier's Identity of Customer's Location Code	C	V	X(17)	Supplier's reference for the customer's location

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SEGMENT			DATA ELEMENT		DATA ELEMENT NAME	M/C	F/V	PICTURE	REMARKS (See also General Remarks in directory)
		+	QPSA		Quantity Details	C			Refers to the issue shown in the first SPI segment for this title
					Quantity supplied	C	V	9(15)	
				:	Quantity returned	C	V	X(15)	
		+	QPSB		Quantity Details	C			Refers to the issue shown in the second SPI segment for this title
					Quantity supplied	C	V	9(15)	
				:	Quantity returned	C	V	X(15)	
		+	QPSC		Quantity Details	C			Refers to the issue shown in the third SPI segment for this title
					Quantity supplied	C	V	9(15)	
				:	Quantity returned	C	V	X(15)	
		+	QPSD		Quantity Details	C			Refers to the issue shown in the fourth SPI segment for this title
					Quantity supplied	C	V	9(15)	
				:	Quantity returned	C	V	X(15)	
		+	QPSE		Quantity Details	C			Refers to the issue shown in the fifth SPI segment for this title
					Quantity supplied	C	V	9(15)	
				:	Quantity returned	C	V	X(15)	

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SEGMENT			DATA ELEMENT		DATA ELEMENT NAME	M/C	F/V	PICTURE	REMARKS (See also General Remarks in directory)
		+	QPSF		Quantity Details	C			Refers to the issue shown in the sixth SPI segment for this title
					Quantity supplied	C	V	9(15)	
				:	Quantity returned	C	V	X(15)	
		+	QPSG		Quantity Details	C			Refers to the issue shown in the seventh segment for this title
					Quantity supplied	C	V	9(15)	
				:	Quantity returned	C	V	X(15)	
MTR	=				MESSAGE TRAILER	M			
			NOSG		Number of Segments in Message	M	V	9(10)	Control count of the number of segments comprising message. Includes the MHD and MTR segments

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SEGMENT			DATA ELEMENT		DATA ELEMENT NAME	M/C	F/V	PICTURE	REMARKS (See also General Remarks in directory)
MHD	=				MESSAGE HEADER	M			
			MSRF		Message Reference	M	V	9(12)	Consecutive count of messages within the transmission
		+	TYPE		Type of Message	M			
					Type	M	F	X(6)	"SORTLR"
			:		Version Number	M	F	9(1)	"1" for this version
SOR	=				SUPPLY AND RETURNS FILE TOTALS	M			
			SORT		File total number of sales and returns	M	V	9(10)	Total number of SORDET messages sent
MTR	=				MESSAGE TRAILER	M			
			NOSG		Number of Segments in Message	M	V	9(10)	Control count of the number of segments comprising message. Includes the MHD and MTR segments.