

**ACE HARDWARE  
830 PLANNING SCHEDULE WITH RELEASE CAPABILITY  
(ACE VENDOR FORECAST)  
ANSI X12 4010**

**ISA SEGMENT** INTERCHANGE CONTROL HEADER OCCURS 1 TIME  
(X12 MANDATORY ENVELOPE)

DATA ELEMENT	ELEMENT NUMBER	DATA ELEMENT NAME	ANSI REQ	DATA TYPE	ELEMENT LENGTH	ACE SUPPLIED FIELD CONTENTS
ISA01	I01	AUTHORIZATION INFO QUALIFIER	M	ID	02/02	"00".
ISA02	I02	AUTHORIZATION INFORMATION	M	AN	10/10	STANDARD FOLLOWED.
ISA03	I03	SECURITY INFO QUALIFIER	M	ID	02/02	"00".
ISA04	I04	SECURITY INFORMATION	M	AN	10/10	STANDARD FOLLOWED.
ISA05	I05	INTERCHANGE SENDER ID QUALIFIER	M	ID	02/02	ACE AS SENDER: ACE EDI QUALIFIER WILL BE "01".
ISA06	I06	INTERCHANGE SENDER ID	M	ID	15/15	ACE AS SENDER: ACE EDI ID WILL BE "006928311".
ISA07	I05	INTERCHANGE RECEIVER ID QUALIFIER	M	ID	02/02	YOUR EDI ID QUALIFIER.
ISA08	I07	INTERCHANGE RECEIVER ID	M	ID	15/15	YOUR EDI ID (IE. DUNS #).
ISA09	I08	TRANSMISSION DATE	M	DT	06/06	YYMMDD.
ISA10	I09	TRANSMISSION TIME	M	TM	04/04	HHMM.
ISA11	I10	INTERCHANGE CONTROL ID	M	ID	01/01	"U".
ISA12	I11	INTERCHANGE VERSION NUMBER	M	ID	05/05	"00400".
ISA13	I12	INTERCHANGE CONTROL NUMBER	M	N0	09/09	9 DIGIT CONTROL NUMBER.
ISA14	I13	ACKNOWLEDGEMENT REQUEST FLAG	M	ID	01/01	"0".
ISA15	I14	TEST INDICATOR	M	ID	01/01	"T" = TEST. "P" = PRODUCTION.
ISA16	I15	SUBELEMENT SEPARATOR	M	AN	01/01	HEX VALUE = 6A ( ; ).

**GS SEGMENT**FUNCTIONAL GROUP HEADER  
(X12 MANDATORY ENVELOPE)

OCCURS 1 TIME

DATA ELEMENT	ELEMENT NUMBER	DATA ELEMENT NAME	ANSI REQ	DATA TYPE	ELEMENT LENGTH	ACE SUPPLIED FIELD CONTENTS
GS01	479	FUNCTIONAL ID	M	ID	02/02	"PS" FOR PLANNING SCHEDULE.
GS02	142	GROUP/APPLICATION SENDER ID	M	ID	02/12	ACE AS SENDER: ACE EDI ID - "006928311".
GS03	124	GROUP/APPLICATION RECEIVER ID	M	ID	02/12	YOUR EDI ID (USUALLY YOUR DUNS #).
GS04	29	APPLICATION GROUP DATE	M	DT	08/08	CCYYMMDD.
GS05	30	APPLICATION GROUP TIME	M	TM	04/08	HHMM OR HHMMSS OR HHMMSSDD.
GS06	28	APPLICATION GROUP CONTROL NUMB	M	NO	01/09	STANDARD FOLLOWED.
GS07	455	RESPONSIBLE AGENCY CODE	M	ID	01/02	USE "X" FOR ANSI X12.
GS08	480	VERSION/RELEASE INDUSTRY CODE	M	ID	01/12	"004010".

**ST SEGMENT**TRANSACTION SET HEADER  
(X12 MANDATORY ENVELOPE)

OCCURS 1 TIME

DATA ELEMENT	ELEMENT NUMBER	DATA ELEMENT NAME	ANSI REQ	DATA TYPE	ELEMENT LENGTH	ACE SUPPLIED FIELD CONTENTS
ST01	143	TRANSACTION SET ID	M	ID	03/03	"830" FOR X12 PLANNING SCHEDULE.
ST02	329	TRANSACTION SET CONTROL NO.	M	AN	04/09	STANDARD FOLLOWED.

**BFR SEGMENT**BEGINNING SEGMENT FOR  
PLANNING SCHEDULE

OCCURS 1 TIME

DATA ELEMENT	ELEMENT NUMBER	DATA ELEMENT NAME	ANSI REQ	DATA TYPE	ELEMENT LENGTH	ACE SUPPLIED FIELD CONTENTS
BFR01	353	TRANS SET PURPOSE CODE	M	ID	02/02	"00" = ORIGINAL.
BRF02	127	REFERENCE NUMBER	X	AN	01/30	"01" = ACE SHIP BASED FORECAST.
BFR04	675	FORECAST TYPE QUALIFER	M	ID	02/02	"SH" = SHIPMENT BASED.
BFR05	676	FORECAST QUANTITY QUALIFIER	M	ID	01/01	"A" = ACTUAL DISCREET QUANTITIES.
BFR06	373	DATE	M	DT	08/08	BEGINNING DATE OF FORECAST.
BFR07	373	DATE	O	DT	08/08	ENDING DATE OF FORECAST.
BFR08	373	DATE	M	DT	08/08	DATE FORECAST GENERATED.

**N1 SEGMENT**

NAME

N1 LOOP (LOOP CAN REPEAT)

DATA ELEMENT	ELEMENT NUMBER	DATA ELEMENT NAME	ANSI REQ	DATA TYPE	ELEMENT LENGTH	ACE SUPPLIED FIELD CONTENTS
N101	98	ENTITY IDENTIFIER	M	ID	02/02	"RL" = REPORTING LOCATION.
N103	66	ID QUALIFIER CODE	X	ID	01/02	USE "9" FOR ACE RSC LOCATION ID QUAL.
N104	67	ID CODE	X	ID	02/80	ACE RETAIL SUPPORT CENTER CENTER (RSC) LOCATION ID. THE ID IS THE ACE DUNS NO. + THE 4 DIGIT RSC CODE. LOCATION ID'S CAN BE REFERENCED ON PAGE 3-2 OF THIS GUIDE.

**LIN SEGMENT**

ITEM IDENTIFICATION DETAIL

LIN LOOP (LOOP CAN REPEAT)

DATA ELEMENT	ELEMENT NUMBER	DATA ELEMENT NAME	ANSI REQ	DATA TYPE	ELEMENT LENGTH	ACE SUPPLIED FIELD CONTENT
LIN02	235	PRODUCT/SERVICE QUALIFIER	M	ID	02/02	"IN" = BUYERS ITEM NUMBER.
LIN03	234	PRODUCT/SERVICE ID	M	AN	01/48	ACE SKU NUMBER.
*LIN04	235	PRODUCT/SERVICE QUALIFIER	X	ID	02/02	"UK".
LIN05	234	PRODUCT/SERVICE ID	X	AN	01/48	UPC / EAN NUMBER.
LIN06	235	PRODUCT/SERVICE QUALIFIER	X	ID	02/02	"VN" = VENDOR'S ITEM NUMBER.
LIN07	234	PRODUCT/SERVICE ID	X	AN	01/48	MANUFACTURER NUMBER.
LIN08	235	PRODUCT/SERVICE QUALIFIER	X	ID	02/02	"ZZ" = MUTUALLY DEFINED.
LIN09	234	PRODUCT/SERVICE ID	X	AN	01/48	MADTS (MEAN AVERAGE DEVIATION).

**UIT SEGMENT**

UNIT DETAIL

OCCURS 1 TIME (PER LIN LOOP)

DATA ELEMENT	ELEMENT NUMBER	DATA ELEMENT NAME	ANSI REQ	DATA TYPE	ELEMENT LENGTH	ACE SUPPLIED FIELD CONTENTS
UIT01	355	UNIT OF MEASURE	X	ID	02/02	"EA" = EACHES.

**SDP SEGMENT**

SHIP/DELIVERY PATTERN

SDP LOOP (NESTED LOOP CAN REPEAT WITHIN LIN LOOP)

DATA ELEMENT	ELEMENT NUMBER	DATA ELEMENT NAME	ANSI REQ	DATA TYPE	ELEMENT LENGTH	ACE SUPPLIED FIELD CONTENTS
SDP01	678	SHIPMENT/DELIVERY PATTERN CODE	M	ID	01/02	"N" = AS DIRECTED.
SDP02	679	SHIPMENT/DELIVERY PATTERN TIME C	M	ID	01/01	"F" = AS DIRECTED.

**FST SEGMENT**

FORECAST SCHEDULE

MULTIPLE OCCURRENCE POSSIBLE (PER SDP LOOP)

<b>DATA ELEMENT</b>	<b>ELEMENT NUMBER</b>	<b>DATA ELEMENT NAME</b>	<b>ANSI REQ</b>	<b>DATA TYPE</b>	<b>ELEMENT LENGTH</b>	<b>ACE SUPPLIED FIELD CONTENTS</b>
FST01	380	QUANTITY	M	R	01/15	QUANTITY FORECASTED.
FST02	680	FORECAST QUALIFIER	M	ID	01/01	"D" = PLANNED.
FST03	681	FORECAST TIMING QUALIFIER	M	ID	01/01	"M" = MONTHLY.
FST04	373	DATE	M	DT	08/08	MONTH REPRESENTED BY THIS FORECAST BUCKET.

**CTT SEGMENT**

TRANSACTION TOTALS

OCCURS 1 TIME

<b>DATA ELEMENT</b>	<b>ELEMENT NUMBER</b>	<b>DATA ELEMENT NAME</b>	<b>ANSI REQ</b>	<b>DATA TYPE</b>	<b>ELEMENT LENGTH</b>	<b>ACE SUPPLIED FIELD CONTENTS</b>
CTT01	354	NUMBER OF LINE ITEMS	M	N0	01/06	TOTAL NUMBER OF LINES FORECASTED.

**SE SEGMENT**

TRANSACTION SET TRAILER OCCURS 1 TIME  
(X12 MANDATORY ENVELOPE)

DATA ELEMENT	ELEMENT NUMBER	DATA ELEMENT NAME	ANSI REQ	DATA TYPE	ELEMENT LENGTH	ACE SUPPLIED FIELD CONTENTS
SE01	96	NUMBER OF INCLUDED SEGMENTS	M	N0	01/06	STANDARD FOLLOWED.
SE02	329	TRANSACTION SET CONTROL NO	M	AN	04/09	STANDARD FOLLOWED.

**GE SEGMENT**

FUNCTIONAL GROUP TRAILER OCCURS 1 TIME  
(X12 MANDATORY ENVELOPE)

DATA ELEMENT	ELEMENT NUMBER	DATA ELEMENT NAME	ANSI REQ	DATA TYPE	ELEMENT LENGTH	ACE SUPPLIED FIELD CONTENTS
GE01	97	NO. OF INCLUDED TRANSACTION SETS	M	N0	01/06	STANDARD FOLLOWED.
GE02	28	GROUP CONTROL NO	M	N0	01/09	STANDARD FOLLOWED.

**IEA SEGMENT**

INTERCHANGE CONTROL TRAILER OCCURS 1 TIME  
(X12 MANDATORY ENVELOPE)

DATA ELEMENT	ELEMENT NUMBER	DATA ELEMENT NAME	ANSI REQ	DATA TYPE	ELEMENT LENGTH	ACE SUPPLIED FIELD CONTENTS
IEA01	I16	NUMBER OF INCLUDED GROUPS	M	N0	01/05	STANDARD FOLLOWED.
IEA02	I12	INTERCHANGE CONTROL NO	M	N0	01/09	STANDARD FOLLOWED.