

# **Kwang Jin**

Planning Schedule (X12 004010 830)

Version 1.0  
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iConnect, Inc.

### ***Revision History***

Revision	Date	Description
1.0	09/09/2014	Created
1.1	09/30/2014	Modified

**Header Section:**

Pos	Code	Name	Req.	Max. Use	Loop End Pos.
010	ST	Transaction Set Header	M	1	070
020	BFR	Beginning Segment for Planning Schedule	M	1	
***	***	N1 LOOP	M	2	
040	N1	Name	M	1	
050	N3	Address	O	2	
060	N4	Geographic Location	O	1	
070	PER	Administrative Communications Contact	O	1	

**Detail Section:**

Pos	Code	Name	Req.	Max. Use	Loop End Pos.
***	***	LIN LOOP	M	999999	100
080	LIN	Item Identification	M	1	
090	UIT	Unit Detail	M	1	
100	PID	Product/Item Description	M	2	
***	***	FST LOOP	M	260	
110	FST	Forecast Schedule	M	1	
***	***	SHP LOOP	O	3	
120	SHP	Shipped/Received Information	M	1	

**Summary Section:**

Pos	Code	Name	Req.	Max. Use	Loop End Pos.
140	CTT	Transaction Totals	M	1	

**Segment:** ST – Transaction Set Header  
**Position:** 010  
**Loop Ending Position:**  
**Section:** Header  
**Usage:** Mandatory  
**Max Use:** 1  
**Notes:**

Pos	Code	Name	Req.	Type	Length	Comments
ST01	0143	Transaction Set Identifier Code	M	ID	3 / 3	
ST02	0329	Transaction Set Control Number	M	AN	4 / 9	

**Segment:** BFR – Beginning Segment for Planning Schedule  
**Position:** 020  
**Loop Ending Position:**  
**Section:** Header  
**Usage:** Mandatory  
**Max Use:** 1  
**Notes:**

Pos	Code	Name	Req.	Type	Length	Comments
BFR01	0353	Transaction Set Purpose Code	M	ID	2 / 2	'00' = Original
BFR02	0127	Reference Number	X	AN	1 / 30	Not Used
BFR03	0328	Release Number	M	AN	1 / 30	
BFR04	0675	Schedule Type Qualifier	M	ID	2 / 2	'SH' = Shipment Based
BFR05	0676	Schedule Quantity Qualifier	M	ID	1 / 1	'A' = Actual Discrete Quantities
BFR06	0373	Release Start Date	M	DT	6 / 6	
BFR07	0373	Release End Date	M	DT	6 / 6	
BFR08	0373	Release Generation Date	M	DT	6 / 6	
BFR09	0373	Date	X	DT	6 / 6	Not Used
BFR10	0367	Contract Number	X	AN	1 / 30	Not Used
BFR11	0324	Purchase Order Number	X	AN	1 / 22	Not Used
BFR12	0783	Planning Schedule Type Code	X	ID	2 / 2	Not Used

**Segment:** N1 – Name  
**Position:** 040  
**Loop Ending Position:** 070  
**Section:** Header  
**Usage:** Mandatory  
**Max Use:** 1  
**Notes:**

Pos	Code	Name	Req.	Type	Length	Comments
N101	0098	Entity Identifier Code	M	ID	2 / 2	'ST' = Ship To 'SU' = Supplier
N102	0093	Name	M	AN	1 / 35	
N103	0066	Identification Code Qualifier	M	ID	1 / 2	'92' = Assigned by Buyer
N104	0067	Identification Code	M	ID	2 / 17	

**Segment:** N3 – Address  
**Position:** 050  
**Loop Ending Position:**  
**Section:** Header  
**Usage:** Optional  
**Max Use:** 2  
**Notes:**

Pos	Code	Name	Req.	Type	Length	Comments
N301	0166	Address Information	M	AN	1 / 35	
N302	0166	Address Information	M	AN	1 / 35	Not Used

**Segment:** N4 – Geographic Location  
**Position:** 060  
**Loop Ending Position:**  
**Section:** Header  
**Usage:** Optional  
**Max Use:** 1  
**Notes:**

Pos	Code	Name	Req.	Type	Length	Comments
N401	0019	City Name	O	AN	2 / 19	
N402	0156	State or Province Code	O	ID	2 / 2	
N403	0116	Postal Code	O	ID	4 / 9	
N404	0026	Country Code	O	ID	2 / 2	
N405	0309	Location Qualifier	X	ID	1 / 2	Not Used
N406	0310	Location Identifier	X	AN	1 / 25	Not Used



**Segment:** PER – Administrative Communications Contact  
**Position:** 070  
**Loop Ending Position:**  
**Section:** Header  
**Usage:** Optional  
**Max Use:** 1  
**Notes:**

Pos	Code	Name	Req.	Type	Length	Comments
PER01	0366	Contact Function Code	M	ID	2 / 2	‘ZZ’ = Mutually Defined
PER02	0093	Name	M	AN	1 / 35	
PER03	0365	Communication Number Qualifier	O	ID	2 / 2	‘TE’ = Telephone ‘FX’ = FAX
PER04	0366	Communication Number	O	AN	7 / 21	
PER05	0365	Communication Number Qualifier	O	ID	2 / 2	‘TE’ = Telephone ‘FX’ = FAX
PER06	0366	Communication Number	O	AN	7 / 21	

**Segment:** LIN – Item Identification  
**Position:** 080  
**Loop Ending Position:**  
**Section:** Detail  
**Usage:** Mandatory  
**Max Use:** 1  
**Notes:**

Pos	Code	Name	Req.	Type	Length	Comments
LIN01	0350	Assigned Identification	X	AN	1 / 6	Not Used
LIN02	0235	Product/Service ID Qualifier	M	ID	2 / 2	‘BP’ = Buyer Part Number
LIN03	0234	Product/Service ID	M	AN	1 / 30	Douglas’ Part Number
LIN04	0235	Product/Service ID Qualifier	O	ID	2 / 2	‘PO’ = Purchase Order
LIN05	0234	Product/Service ID	O	AN	1 / 30	Order Number

**Segment:** UIT – Unit Detail  
**Position:** 90  
**Loop Ending Position:**  
**Section:** Detail  
**Usage:** Mandatory  
**Max Use:** 1  
**Notes:**

Pos	Code	Name	Req.	Type	Length	Comments
UIT01	0355	Unit of Measure Code	M	ID	2 / 2	‘EA’ = Each
UIT02	0212	Unit Price	X	R	1 / 14	Not Used
UIT03	0639	Basis of Unit Price Code	X	ID	2 / 2	Not Used

**Segment:** PID – Product/Item Description  
**Position:** 100  
**Loop Ending Position:**  
**Section:** Detail  
**Usage:** Mandatory  
**Max Use:** 2  
**Notes:**

Pos	Code	Name	Req.	Type	Length	Comments
PID01	0349	Item Description Type	M	ID	1 / 1	'F' = Free Form
PID02	0750	Product/Process Characteristic Code	X	ID	2 / 3	Not Used
PID03	0559	Association Qualifier Code	X	ID	2 / 2	Not Used
PID04	0751	Product Description Code	X	ID	1 / 12	Not Used
PID05	0352	Description	M	AN	1 / 80	
PID06	0752	Surface/Layer/Position Code	X	ID	2 / 2	Not Used

**Segment:** FST – Forecast Schedule  
**Position:** 110  
**Loop Ending Position:**  
**Section:** Detail  
**Usage:** Mandatory  
**Max Use:** 260  
**Notes:**

Pos	Code	Name	Req.	Type	Length	Comments
FST01	0380	Quantity	M	R	1 / 10	
FST02	0680	Forecast Qualifier	M	ID	1 / 1	‘A’ = Prior ‘C’ = firm
FST02	0681	Forecast Timing Qualifier	M	ID	1 / 1	‘D’ = forecast
FST04	0373	Required Date	M	DT	6 / 6	
FST05	0373	Date	X	DT	6 / 6	Not Used
FST06	0374	Date/Time Qualifier	X	ID	3 / 3	Not Used
FST07	0337	Time	X	TM	4 / 4	Not Used
FST08	0128	Reference Number Qualifier	X	ID	2 / 2	‘RE’ = Release
FST09	127	Reference Number	X	AN	1 / 30	Release Number

**Segment:** SHP – Shipped/Received Information  
**Position:** 120  
**Loop Ending Position:**  
**Section:** Detail  
**Usage:** Optional  
**Max Use:** 3  
**Notes:** This segment is used to report the following quantities:
 

- Last Received Quantity/Date
- Use '01' Discrete Quantity and '050' Received.
- Received YTD Cum
- Use '02' Cumulative Quantity and '051' Total Shipped Quantity.

Pos	Code	Name	Req.	Type	Length	Comments
SHP01	0673	Quantity Qualifier	M	ID	2 / 2	'01' = Discrete Quantity '02' = Cumulative Quantity
SHP02	0380	Quantity	M	R	1 / 10	Quantity.
SHP03	0374	Date/Time Qualifier	M	ID	3 / 3	'050' = Received '051' = Cumulative Shipped Quantity
SHP04	0373	Date	C	DT	6 / 6	Last Received Date
SHP05	0337	Time	X	TM	4 / 4	Not Used
SHP06	0373	Date	X	DT	6 / 6	Not Used
SHP07	0337	Time	X	TM	4 / 4	Not Used

**Segment:** CTT  
**Position:** 140  
**Loop Ending Position:**  
**Section:** Summary/Trailer  
**Usage:** Mandatory  
**Max Use:** 1  
**Notes:**

Pos	Code	Name	Req.	Type	Length	Comments
CTT01	0354	Number of Line Items	M	N0	1 / 6	Count of Line Items
CTT02	0347	Hash Total	M	R	1 / 10	Sum of FST01
CTT03	0081	Weight	X	R	1 / 8	Not Used
CTT04	0355	Unit of Measurement Code	X	ID	2 / 2	Not Used
CTT05	0183	Volume	X	R	1 / 8	Not Used
CTT06	0355	Unit of Measurement Code	X	ID	2 / 2	Not Used

**Segment:** SE – Transaction Set Trailer  
**Position:** 150  
**Loop Ending Position:**  
**Section:** Header  
**Usage:** Mandatory  
**Max Use:** 1  
**Notes:**

Pos	Code	Name	Req.	Type	Length	Comments
SE01	0096	Number of Included Segments	M	N0	1 / 10	
ST02	0329	Transaction Set Control Number	M	AN	4 / 9	Same as ST02



## Sample

ST\*830\*0001^  
BFR\*00\*\*\*SH\*A\*\*\*20140922^  
N1\*SU\*BOSCH\*92\*200001^  
N1\*ST\*MADISON\*92\*160255170^  
LIN\*\*BP\*98810-J3050\*PO\*KJA4764\_003, KJA4896\_002^  
UIT\*EA^  
PID\*F\*\*\*\*MOTOR - DR WDW REG, P-TYPE (STD)^  
FST\*9600\*C\*W\*20141001^  
FST\*0\*C\*W\*20141002^  
FST\*12480\*C\*W\*20141003^  
FST\*0\*C\*W\*20141004^  
FST\*0\*C\*W\*20141005^  
FST\*10560\*C\*W\*20141006^  
FST\*0\*C\*W\*20141007^  
FST\*7680\*C\*W\*20141008^  
FST\*0\*C\*W\*20141009^  
FST\*0\*C\*W\*20141010^  
FST\*0\*C\*W\*20141011^  
FST\*0\*C\*W\*20141012^  
FST\*11520\*C\*W\*20141013^  
FST\*0\*C\*W\*20141014^  
FST\*0\*C\*W\*20141015^  
FST\*0\*C\*W\*20141016^  
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FST\*0\*C\*W\*20141018^  
FST\*0\*C\*W\*20141019^  
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FST\*0\*C\*W\*20141021^  
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FST\*12480\*C\*W\*20141031^  
FST\*0\*C\*W\*20141101^  
FST\*0\*C\*W\*20141102^  
FST\*0\*C\*W\*20141103^  
FST\*0\*C\*W\*20141104^  
FST\*8640\*C\*W\*20141105^  
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FST\*4800\*C\*W\*20141112^

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FST\*0\*C\*W\*20141120^  
FST\*13440\*C\*W\*20141121^  
FST\*0\*C\*W\*20141122^  
FST\*0\*C\*W\*20141123^  
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CTT\*2^  
SE\*194\*0001^