

**Implementation Guide to  
Shipment Weights  
EDI 440**

**September 11, 2000**

***Contact our Customer Support team  
at 1-800-361-0198  
or by email at [eCommerce@cn.ca](mailto:eCommerce@cn.ca)  
Visit [www.cn.ca](http://www.cn.ca)***



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## **Overview**

### **Purpose of Application Advice**

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The EDI 440 Shipment Weights transaction allows you to send CN the weight of your shipments and update your bill of lading (EDI 404 or 858) in CN's Service Reliability Strategy (SRS) system. The EDI 440 should always be sent to the Origin Road of the shipment.

### **Weights Forwarded to Next Rail Carrier**

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CN will forward the weights to the next road in the route on your behalf:

- If the we receive the 440 weight update, and our waybill is active, we will pass on the new weight to the next road in the route via an EDI 417.
- If the we receive the 440 weight update, and our waybill is closed, we will pass on the new weight to the next road in route via an EDI 440.

### **EDI Version & Guidelines**

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The Shipment Weights EDI 440, closely complies with the official published Guidelines of the Information Systems Agreement, Standards Work Group. We will accept versions 003030 to 004030.

### **Response**

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If required, we can respond to your EDI 440 with a 997 Acknowledgement that we have received the 440 successfully.

### **Connection To CN**

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CN connects with all major VAN's (Value Added Networks) and interconnects can be made available.

### **CN Contact**

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Telephone CN's Customer Support Team at 1-800-361-0198.  
Customer Support Team email address is [eCommerce@cn.ca](mailto:eCommerce@cn.ca) .  
You can also visit us at [www.cn.ca](http://www.cn.ca).



# Shipment Weights Mapping Guide

- This section contains the details of how the Shipment Weights message should be formatted.

## Example Shipment Weights Transaction - version 004030

```
GS*WR*113076897*CN*20001016*0727*66072*X*004030
ST*440*660720001
BW*CN*25701066*L
G4*BATON ROUGE*LA*ABCFOODS*20001016*0727*P
G5*ECUX*880563*112768*20001011*144480*N*****2821144*BM*000039
SE*5*660720001
GE*1*66072
```

### GS – Group Header

```
GS*WR*113076897*CN*20001016*0727*66072*X*004030
```

Data	322 Data Element	Format (min/max/data)	Values	Example Data
<b>Group Header</b>	<b>GS</b>			
Message Type	GS01	2/2/ID	DE 479	WR
Sender Code	GS02	2/15/AN		113076897
Receiver Code	GS03	2/15/AN		CN
Transmission Date	GS04	8/8/DT	YYYYMMDD	20001016
Transmission Time	GS05	4/4/TM	HHMM	0727
Control Number	GS06	1/9/NO	Number	66072
Standard Type	GS07	1/2/ID	ANSI Code	X
Version /Release	GS08	1/12/ID	Number	004030

### ST – Transaction Set Header

```
ST*440*660720001
```

Data	440 Data Element	Format (min/max/data)	Values	Example Data
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	<b>t</b>			
<b>Transaction Set Header</b>	<b>ST</b>			
Transaction Set Identifier Code	ST01	3/3/ID	Number Mandatory	440
Transaction Set Control No.	ST02	4/9/AN	Number Mandatory	660072001

**BW - Beginning Segment**

BW\*CN\*25701066\*L

<b>Data</b>	<b>440 Data Element</b>	<b>Format (min/max/data)</b>	<b>Values</b>	<b>Example Data</b>
<b>Beginning Segment</b>	<b>BW</b>			
Origin EDI Carrier Code	BW01	2/4/ID	SCAC DE 298	CN
Shipment Identification Number	BW02	1/30/AN	DE 145	25701066
Weight Unit Code	BW03	1/1/ID	DE 188 L= Pounds K = Kilograms	L

**G4 - segment**

G4\*BATON ROUGE\*LA\*BASF\*20001016\*0727\*P

<b>Data</b>	<b>440 Data Element</b>	<b>Format (min/max/data)</b>	<b>Values</b>	<b>Example Data</b>
<b>Scale Identification</b>	<b>G4</b>			
City Name where scaled	G401	2/30/AN	Mandatory DE 19	Baton Rouge
State or Province code	G402	2/2/ID	Mandatory DE 145	LA
Name	G403	2/30/AN	Optional - Customer Name	ABCFOODS

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Date	G404	8/8/DT	Mandatory CCYYMMDD	20001016
Time	G405	4/8/TM	Optional HHMM	0727
Scale Type Code	G406	1/1/ID	Optional DE 570 P=Private R=Rail	P

**G5 - segment**

**G5\*ECUX\*880563\*112768\*20001011\*144480\*N\*\*\*\*\*2821144\*BM\*000039**

<b>Data</b>	<b>440 Data Element</b>	<b>Format (min/max/data)</b>	<b>Values</b>	<b>Example Data</b>
<b>Weight Information</b>	<b>G5</b>			
Equipment Initial	G501	1/4/AN	Mandatory	ECUX
Equipment Number	G502	1/10/AN	Mandatory	880563
Waybill Number (not sent by customers - only rail roads)	G503	1/6/N0	Conditional on G504	112768
Date	G504	8/8/DT	Conditional on G503 CCYYMMDD	20001011
Weight	G505	1/10/R	Mandatory	144480
Weight Qualifier	G506	1/2/ID	Mandatory DE187 G = Gross Weight N = Net Weight	N
Tare Weight	G507	3/8/N0	Conditional on G508	CN will not update Tare Weights
Tare Qualifier Code	G508	1/1/ID	Conditional on G507	CN will not update Tare Weights
Weight Allowance	G509	2/6/N0	Conditional on G510	
Weight Allowance Code	G510	1/1/ID	Conditional on G509	
Freight Rate	G511	1/9/R	Conditional on G512	CN will not

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				update Freight Rate
Rate Qualifier	G512	2/2/ID	Conditional on G511	CN will not update Freight Rate
Interchange Train ID	G513	1/10/AN	Optional	
Commodity Code	G514	1/30/AN	STCC - Optional DE22	2821144
Reference Number Qualifier	G515	2/3/ID	Conditional on G516 DE128	BM
Reference Number	G516	1/30/AN	Conditional on G515	000039
Date	G517	8/8/DT	Optional CCYYMMDD	

**SE- Transaction Set Trailer**

SE\*5\*660720001

<b>Data</b>	<b>440 Data Element</b>	<b>Format (min/max/data)</b>	<b>Values</b>	<b>Example Data</b>
<b>Transaction Set Trailer</b>	<b>SE</b>			
Number of Included Segments	SE01	1/10/NO	Number Mandatory	5
Transaction Set Control No.	ST02	4/9/AN	Number Mandatory	660720001