

FKC – LAKE SHORE

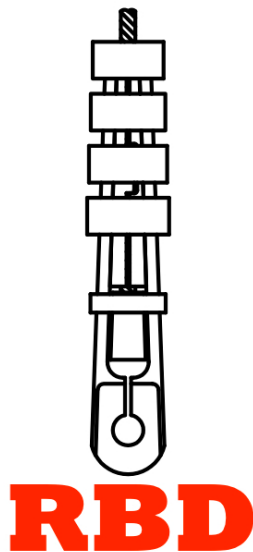
**REF: P/O NUMBER: 10721100-587388-ON
HOIST ROPE SUSPENSION EQUIPMENT**

**CERTIFICATE OF MANUFACTURE, TEST &
EXAMINATION**

GENERAL ARRANGEMENT DRAWING CS6721-A

MILL CERTIFICATES

RBD REF. R3019



RELIANCE BARKER DAVIES

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1. CONTACT DETAILS

RELIANCE-BARKER-DAVIES INC.

2777 Belisle Drive,

Val Caron,

Ontario,

P3N 1B3

Canada

Tel: +1-705-897-2828

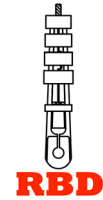
Fax: +1-705-897-1101

Contact: Stephane Godin (Managing Director)

2. CERTIFICATE OF MANUFACTURE, TEST & EXAMINATION

Reliance Barker Davies Inc.

2777, Belisle Drive, Val Caron, Ontario, P3N 1B3, Canada
Tel: +1-705-897-2828 Fax: +1-705-897-1101 e-mail: info@reliancebarkerdavies.com



Certificate of Manufacture, Test & Examination of Attachments

Customer	Location	Purchase Order Ref.	Our Reference	Certificate Date
FKC Lakeshore	1695 Allen Road, Evansville IN 47710	10721100-587388-ON	R3019	October 25 th , 2019

Codes: M=magnetic particle inspection U=ultrasonic inspection P=proof load test H=hardness test SWL=safe working load PL=proof load FOS=factor of safety

Qty	Description	Tests	SWL	PL	FOS	Att No
4 Sets of rope suspension equipment to drawing CS6721, comprising the following components:						
4	M26 size socket to NCB Spec. 465 and 1-5/8" Ø rope with Tufnol whalebrand bushings	MUPH	49,280 Lbs	125,440 Lbs	10:1	R3019/0101 to 0104
4	Socket connecting pin c/w washer & locking pin	MUPH	49,280 Lbs	125,440 Lbs	10:1	R3019/0201 to 0204

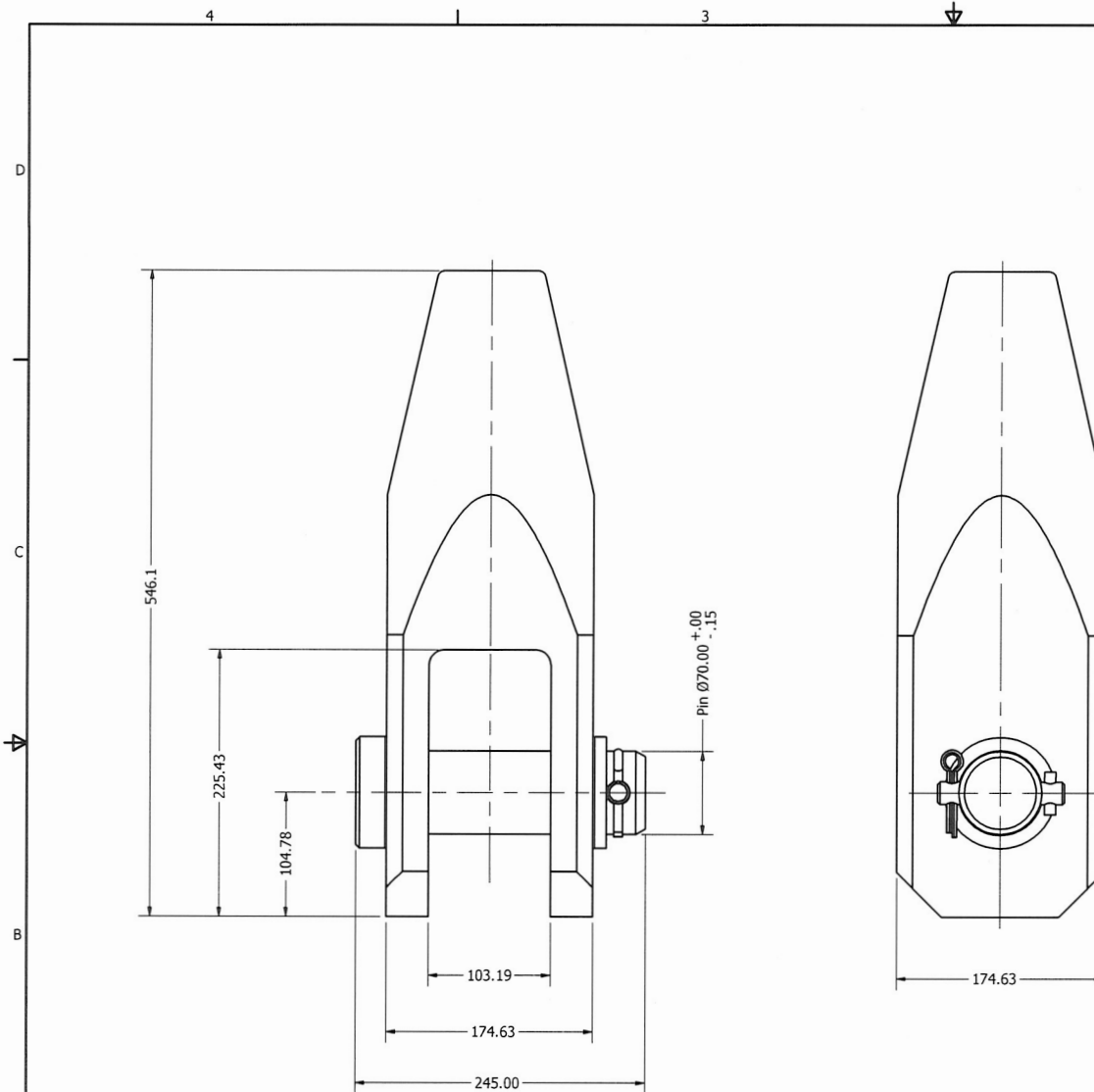
Certification Statement:

In respect of the above equipment we certify that:

1. Components have been permanently and legibly marked on non-vital parts with the serial number indicated above.
2. Components have visually examined by a competent person followed by N.D.E. performed by a CGSB Level 2 technician and found free from flaw or other defects.
3. Type of examination: Proving room visual. The components have been examined by magnetic particle inspection in accordance with the British NCB document "Procedure for examining cage suspension gear at testing centres".
4. Components have a calculated factor of safety of not less than that shown in the table above in relation to a load imposed on them by a maximum static suspended load equal to the safe working load shown above.

Printed Name	Signature	Title	Date	Page
Steph Godin		Inspector	October 25 th , 2019	1 of 1

3. GENERAL ARRANGEMENT DRAWING CS6721-A



PARTS LIST				
ITEM	QTY	PART NUMBER	DESCRIPTION	MASS
1	1	SOC498 (M26)	NCB Spec 465 Socket	57.176 kg
2	1	CS6722	Torpedo Style Pin	8.272 kg

NOTES:

1. Rope socket is to NCB Spec. 465
2. Socket pin holes bushed with Tufnol "Whalebrand"
3. Rope diameter: 1-5/8"
4. All dimensions are in MM
5. Working load limit: 49,280 Lbs
6. Static factor of safety: 10 to 1

APPROVED
 Name: *[Signature]*
 Position: Operations MGR
 Date: 9-3-19

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Revision History:		Reliance Barker Davies Inc. 2777 Belisle Drive, Val Caron, Ontario, P3N 1B3, Canada Tel: +1-705-897-2828 Fax: +1-705-897-1101 e-mail: info@reliancebarkerdavies.com			
JOB NO.: R3019		TITLE M26 Socket with Pin - FKC Lake Shore			
CHECK:		DWG SIZE C	CAGE CODE	WEIGHT 65.449 kg	REV A
DESIGN: HW	2019-08-21	SCALE 1/3		SHEET 1 OF 1	

4. MILL CERTIFICATES

RELIANCE BARKER DAVIES

FKC - LAKE SHORE - 4 SETS OF HOIST ROPE SUSPENSION EQUIPMENT

PO LINE	DESCRIPTION	DRAWING/PART#	STATUS	QTY	SERIAL #	QA	PROOF LOADING	NDE	TEST CERT
1	M26 HOIST ROPE SOCKET	SOC498	COMPLETE	4	R3019/0101-0104	✓	✓	✓	L9941
2	SOCKET CONNECTING PIN	CS6722	COMPLETE	4	R3019/0201-0204	✓	✓	✓	802H & L2180

RECEIVED
Aug 13, 2014

FROM: EARLE M JORGENSEN CAN DIV RMCL
305 PENDANT DRIVE
MISSISSAUGA

S.I.D. ORDER NO. S-41982

ORDERED BY: STEPHANE GOD
PHONE: 705 897-2828
CUST. ORD. NO.: 0001945-00

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RELIAANCE BARKER DAVIES INC.
2777 BELISLE DRIVE
VAL CARON
ON P3N 1B3

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RELIAANCE BARKER DAVIES INC.
2777 BELISLE DRIVE
VAL CARON
ON P3N 1B3
FAX: 705 8971101
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PAGE 1 OF 1
SUD
C239502

REF #

DATE ORD.	CUSTOMER P.O.	F.O.B.	DEL AREA	VIA	CUST. ACCT.	PROM. DATE
07-AUG-19	0001945-00	DESTIN	SUDBURY	OUR TRUCK	302400	12-AUG-19
ORDER WGT.	U/S 216	TERR.	TYPE	TAX RATE	PPD/COLL	C.O.D.
6.001	STEPHEN BALLA		S		PREPAID	2
					TEST REPORT	Y
					PRO #	
						Y
						SHIP DATE
						12-AUG-19

564070 4340 HR Q & T 18-22 RC ASTM A322
1 Bar 10-1/4 RD X 20' R/L
PT#564070 6001.0000 LB
W/FT280.2000 EXT WGT: 6.001
0001945-00 PO LN#



JOB/BTCH#



CUTTING SAW CUT IN HALF
HEAT # L9941 LOCATION: I1A

2 PC 2 PC
6001 LB FLR

These commodities are controlled for export by the Canadian Government and United States Government under the Export Administration Regulations. Diversion contrary to applicable export law prohibited. Purchaser is responsible to comply with these regulations if the items are to be exported from Canada or the United States or re-exported from a foreign country. See <http://www.international.gc.ca/controls-controls/index.aspx> for Canadian regulations and <http://www.bis.doc.gov/> for U.S. requirements. ECCN# EAR99 License #

1 Bar 10' 8 1/2"
1 Bar 10' 8 1/2"

The property described below in apparent good order except as noted (contents and condition of contents unknown) marked, consigned and destined as indicated below, which said carrier, (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination if on its route, otherwise to deliver to another carrier on the route to said destination it is mutually agreed as to each carrier of all or any of said property over all or any portion of said route to destination and as to each party at any time interested in all or any of said property that every service to be performed hereunder shall be subject to all terms and conditions of the Uniform Domestic Freight Bill of Lading set forth (1) in Official, Southern, Western, and Illinois Freight Classification in effect on the date hereof, if this is a rail or rail water shipment, or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment. Shipper hereby certifies that he is familiar with all the terms and conditions of the said bill of lading, including those on the back thereof, set forth in the classification or tariff which governs the transportation of this shipment and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

N

RECEIVED ABOVE GOODS IN TERMS AND CONDITIONS APPEARING ON BACK OF INVOICE				INVOICE AMT.		ADDITIONAL CHARGES		V.A.T. TAX		TAX/AMT.		TOTAL
NO. OF PKGS.	PKG. TYPE	NO. OF PKGS.	PKG. TYPE	TOTAL PCS.	DESCRIPTION OF ARTICLES	SHIP WGT.	CLS	FREIGHT CHARGES ARE TO BE PRE-PAID UNLESS THIS BLOCK IS CHECKED. ☐ Subject to Section 7 of conditions, if this shipment is to be delivered to the consignee without recourse on the consignee, the consignee shall sign the following statement. The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges. (Signature of Consignee)		C.O.D. AMOUNT		
2	Tt1			2	IRN/STL BAR	104 6.001	050			C.O.D. FEE TO BE PAID BY		
								CARRIER SEND FREIGHT BILL TO:		SHIPPER ☐ CONSIGNEE ☐		
										CARRIER		
										AGENT		
										PER		
PACKING SLIP				2	TOTAL	6.001		SHIPPER PER X				

RECEIVED

Feb 20, 2019

FROM: EARLE M JORGENSEN CAN DIV RMCL
305 PENDANT DRIVE
MISSISSAUGA

S.I.D. ORDER NO. T588247
ORDERED BY: STEPHANE GOD
PHONE: 705 897-2828
CUST. ORD. NO.: 0001653 - 00

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RELIA NCE BARKER DAVIES INC.

2777 BELISLE DRIVE
VAL CARON

ON P3N 1B3

S
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RELIA NCE BARKER DAVIES INC.

2777 BELISLE DRIVE
VAL CARON

ON P3N 1B3

FAX: 705 8971101

PAGE 1 OF 1
SUD DALE
C167126

ORDER # 00842

T588248

DATE ORD.	CUSTOMER P.O.	F.O.B.	DEL AREA	VIA	CUST. ACCT.	PROM. DATE
07-FEB-19	0001653 - 00	DESTIN	SUDBURY	OUR TRUCK	302400	20-FEB-19
ORDER WGT.	I/S 216	TERR.	TYPE	TAX RATE	PPD/COLL	C.O.D.
325	STEPHEN BALLA	CT	CT		PREPAID	2
				TEST REPORT	Y	PRO #

*** To be INDIRECT SHIPPED from Branch 00842

509362 316/316L ANN HR RT BAR
1.0 PC 4-1/2 RD S/C 6'0" (72.0")

ASTM A479

324.7800 LB

PT#509362 PNK / BLU
JOB/BTCH#

W/FT 54.1300 EXT WGT:
0001653 - 00

325
PO LN#



CUTTING SAW
Processing Tolerance: +1/8-.0
CUT 1 PCS @ 6'0"
PACKAGING MISC

HEAT # 802H

LOCATION:TRANSFER

1 PC 1 PC
325 LB

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The property described below in apparent good order except as noted (contents and condition of contents unknown) marked, consigned and destined as indicated below, which said carrier, (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination if on its route, otherwise to deliver to another carrier on the route to said destination it is mutually agreed as to each carrier of all or any of said property over all or any portion of said route to destination and as to each party at any time interested in all or any of said property that every service to be performed hereunder shall be subject to all terms and conditions of the Uniform Domestic Straight Bill of Lading set forth (1) in Official, Southern, Western, and Illinois freight Classification in effect on the date hereof, if this is a rail or rail water shipment, or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment. Shipper hereby certifies that he is familiar with all the terms and conditions of the said bill of lading, including those on the back thereof, set forth in the classification or tariff which governs the transportation of this shipment and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

RECEIVED ABOVE GOODS IN TERMS AND CONDITIONS APPEARING ON BACK OF INVOICE					INVOICE AMT.		ADDITIONAL CHARGES		V.A.T. TAX		TAX/AMT.	TOTAL	
X													
NO. OF PKGS.	PKG. TYPE	NO. OF PKGS.	PKG. TYPE	TOTAL PCS.	DESCRIPTION OF ARTICLES	SHIP WGT.	CLS	FREIGHT CHARGES ARE TO BE PRE-PAID UNLESS THIS BLOCK IS CHECKED.	Subject to Section 7 of conditions, if this shipment is to be delivered to the consignee without recourse on the consignee, the consignee shall sign the following statement: The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges. (Signature of Consignee)			C.O.D. AMOUNT	
1	Ttl			1	IRN/STL BAR	104	325	050					
										CARRIER SEND FREIGHT BILL TO:			C.O.D. FEE TO BE PAID BY
										SHIPPER ☐ CONSIGNEE ☐			
										CARRIER			
PACKING SLIP										AGENT			
										PER:			
										SHIPPER PER X			

CERTIFICATE OF TEST CERTIFICAT D'ESSAIS



Earle M. Jorgensen
(Canada) Inc.

Page 01 of 01

Certification Date
20-FEB-2019

CUSTOMER ORDER NUMBER
NUMÉRO DE COMMANDE DU CLIENT

0001653 - 00
PART NUMBER/NUMÉRO DE PIÈCE
509362

EARLE M JORGENSEN CAN DIV RMCL
305 PENDANT DRIVE
MISSISSAUGA ON L5T 2W9

Invoice Number
T588247

SOLD TO: RELIANCE BARKER DAVIES INC
VENDU À: 2777 BELISLE DRIVE
VAL CARON ON P3N 1B3

SHIP TO:
EXPÉDIÉ À:

RELIANCE BARKER DAVIES INC.
2777 BELISLE DRIVE
VAL CARON ON P3N 1

Description: 316/316L ANN HR RT BAR
4-1/2 RD S/C 6'0" (72.0")
HEAT: 802H

ASTM A479
Line Total: 324.78 LB

ITEM: 509362

Specifications:

AMS 5648 M	AMS 5653 H	QQ S 763 F
ASTM A276 17	ASTM A479 18	ASME SA479 18
ASTM A182 16	ASME SA182 13	ASTM F899 12
AMS QQ S 763 D	ASTM A193 16	ASME SA193 13
ASTM A320 17		

CHEMICAL ANALYSIS

C	CO	CR	CU	MN	MO	N	NI
0.017	0.29	16.61	0.33	1.33	2.029	0.035	10.54
P	S	SI					
0.032	0.0298	0.25					

RCPT: R521346

COUNTRY OF ORIGIN : USA

MECHANICAL PROPERTIES

DESCRIPTION	YLD STR	ULT TEN	%ELONG	%RED	HARDNESS
	KSI	KSI	IN 02 IN	IN AREA	BHN
	39.0	81.0	59.0	72.0	144

MATERIAL IS FREE FROM MERCURY CONTAMINATION
NO WELD REPAIR PERFORMED ON MATERIAL
CORROSION: OK

The above data were transcribed from the manufacturer's Certificate of Test after verification for completeness and specification requirements of the information on the certificate. All test results remain on file subject to examination. /Les informations ci-haut-mentionnées sont transcrites du certificat d'essais du manufacturier après vérification de l'état complet des spécifications inscrites sur le certificat. We hereby certify that the material covered by this report will meet the applicable requirements described herein, including any specification forming a part of the description. /Par les présentes, nous certifions que le matériel couvert par ce rapport rencontre les spécifications décrites ci-haut.

The willful recording of false, fictitious, or fraudulent statements in connection with test results may be punishable as a felony under federal statutes. /Les informations fausses, fictives ou frauduleuses en rapport avec le résultat des essais sont punissables en vertu des lois fédérales.

Material did not come in contact with mercury while in our possession. /Par les présentes, nous certifions que le matériel couvert par ce rapport rencontre les spécifications décrites ci-haut.

JAMES MURPHY

MANAGER QUALITY ASSURANCE
GÉRANT DE L'ASSURANCE QUALITÉ

RECEIVED
S.M.C.
Sept 24, 2018

FROM: EARLE M JORGENSEN CAN DIV RMCL
305 PENDANT DRIVE
MISSISSAUGA

S.I.D. ORDER NO. S805268

ORDERED BY: Sean

PHONE: 705 897-2828

CUST. ORD. NO.: 1441-00

PAGE 1 OF 1
REL CAN DALE
B943786

RELIANCE BARKER DAVIES INC.

2777 BELISLE DRIVE
VAL CARON

ON P3N 1B3

RELIANCE BARKER DAVIES INC.

2777 BELISLE DRIVE
VAL CARON

ON P3N 1B3

FAX: 705 8971101
000

XFER #

DATE ORD.	CUSTOMER P.O.	F.O.B.	DEL AREA	VIA	CUST. ACCT.	PROM. DATE
19-SEP-18	1441-00	DESTIN	SUDBURY	OUR TRUCK	302400	26-SEP-18
ORDER WGT.	I/S 002	TERR.	TYPE	TAX RATE	PPD/COLL	C.O.D.
1.982	TED BUTCHER		S		PREPAID	2
					TEST REPORT	Y
					PRO #	
						SHIP DATE
						24-SEP-18

The property described below in apparent good order except as noted (contents and condition of contents unknown) marked, consigned and destined as indicated below, which said carrier, (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination if on its route, otherwise to deliver to another carrier on the route to said destination it is mutually agreed as to each carrier of all or any of said property over all or any portion of said route to destination and as to each party at any time interested in all or any of said property that every service to be performed hereunder shall be subject to all terms and conditions of the Uniform Domestic Straight Bill of Lading set forth (1) in Official, Southern, Western, and Illinois freight Classification in effect on the date hereof, if this is a rail or rail water shipment, or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment. Shipper hereby certifies that he is familiar with all the terms and conditions of the said bill of lading, including those on the back thereof, set forth in the classification or tariff which governs the transportation of this shipment and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

564801 4340 HR Q & T 18-22 RC ASTM A322 1982.0000 LB
2 Bars 4 RD X 20 R/L W/FT 42.7700 EXT WGT: 1.982
PT#564801 JOB/BTCH# 1441-00 PO LN#

HEAT # L2180

LOCATION: C1B

N

1 BND 2 PC
1982 LB FLR

These commodities are controlled for export by the Canadian Government and United States Government under the Export Administration Regulations. Diversion contrary to applicable export law prohibited. Purchaser is responsible to comply with these regulations if the items are to be exported from Canada or the United States or re-exported from a foreign country. See <http://www.international.gc.ca/controls-controls/index.aspx> for Canadian regulations and <http://www.bis.doc.gov/> for U.S. requirements. ECCN# EAR99 License #-----

TEST REPORTS TO
FOLLOW BY FAX

ECEIVED ABOVE GOODS IN TERMS AND CONDITIONS PEARING ON BACK OF INVOICE					INVOICE AMT.		ADDITIONAL CHARGES		V.A.T. TAX		TAX/AMT.		TOTAL				
X																	
NO. OF PKGS.	PKG. TYPE	NO. OF PKGS.	PKG. TYPE	TOTAL PCS.	DESCRIPTION OF ARTICLES	SHIP WGT.	CLS	FREIGHT CHARGES ARE TO BE PRE- PAID UNLESS THIS BLOCK IS CHECKED.		Subject to Section 7 of conditions, if this shipment is to be delivered to the consignee without recourse on the consignee, the consignee shall sign the following statement: The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges. Signature of Consignee					C.O.D. AMOUNT		
1	Ttl			1	IRN/STL BAR	104	1.982	050	☐		CARRIER SEND FREIGHT BILL TO:						
																C.O.D. FEE TO BE PAID BY	
																SHIPPER ☐ CONSIGNEE ☐	
																CARRIER	
																AGENT	
																PER:	
PACKING SLIP				1	TOTAL		1.982		SHIPPER PER X								