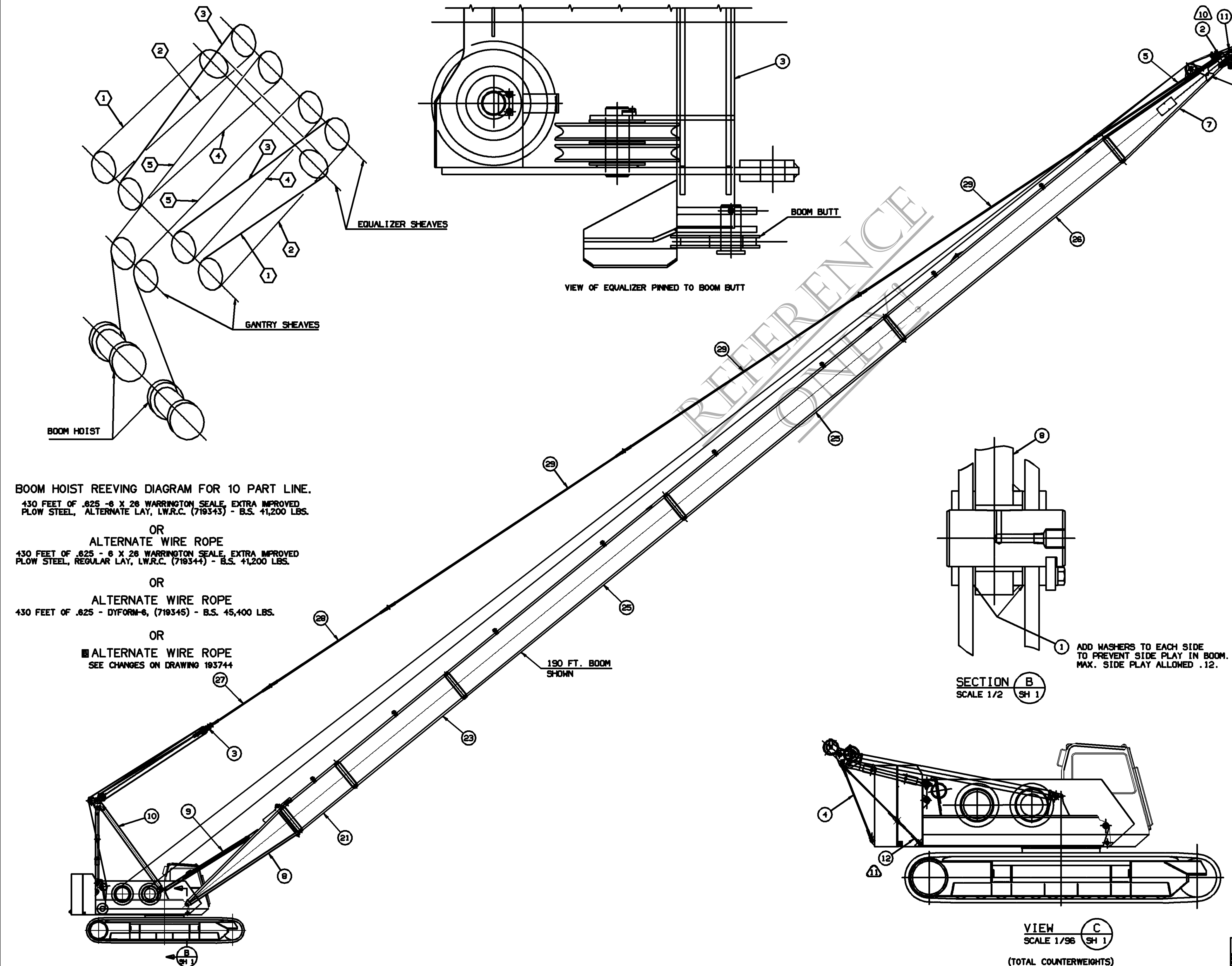


DWG. NO.	(21) 910840	(22) 910841	(23) 910838	(24) 910839	(25) 910836	(26) 910837	(27) 278737 DWG. 775002	(28) 278738 DWG. 775002	(29) 278810 DWG. 775002
BOOM LENGTH	10 FT. INSERT	10 FT. INSERT WITH JIB BACKSTAY	20 FT. INSERT	20 FT. INSERT WITH JIB BACKSTAY	40 FT. INSERT	40 FT. INSERT WITH JIB BACKSTAY	PENDANT 10 FT.	PENDANT 20 FT.	PENDANT 40 FT.
50 FT.	(SEE INSERT NOTES) (A)						10 FT. OF PENDANT SETS		
60 FT.	10 FT. OF INSERT						20 FT. OF PENDANT SETS		
70 FT.	20 FT. OF INSERT						30 FT. OF PENDANT SETS		
80 FT.	40 FT. OF INSERT						40 FT. OF PENDANT SETS		
90 FT.	50 FT. OF INSERT						50 FT. OF PENDANT SETS		
100 FT.	60 FT. OF INSERT						60 FT. OF PENDANT SETS		
110 FT.	70 FT. OF INSERT						70 FT. OF PENDANT SETS		
120 FT.	80 FT. OF INSERT						80 FT. OF PENDANT SETS		
130 FT.	90 FT. OF INSERT						90 FT. OF PENDANT SETS		
140 FT.	100 FT. OF INSERT						100 FT. OF PENDANT SETS		
150 FT.	110 FT. OF INSERT						110 FT. OF PENDANT SETS		
160 FT.	120 FT. OF INSERT						120 FT. OF PENDANT SETS		
170 FT.	130 FT. OF INSERT						130 FT. OF PENDANT SETS		
180 FT.	140 FT. OF INSERT						140 FT. OF PENDANT SETS		
190 FT.	150 FT. OF INSERT						150 FT. OF PENDANT SETS		
200 FT.	160 FT. OF INSERT						160 FT. OF PENDANT SETS		

BOOM HANDLING INSTRUCTIONS					SWING ALLOWED	
TRAVEL SPEED NOT TO EXCEED 1/2 MPH WITH BOOM ANGLE AT 10° OR LESS					CRAWLERS RETRACTED CTWTS INSTALLED	CRAWLERS EXTENDED CTWTS INSTALLED
ATTACHMENT ARRANGEMENT	GANTRY POSITION	MAX. LENGTH OF BOOM HANDLED	BOOM MAKE UP	BOOM CONDITIONS OR LIMITATIONS		
EQUALIZER PINNED TO LUGS ON BOOM BUTT	UP	59 FT.	BUTT & INSERTS ONLY	CAN CANTILEVER 40 FT. OF INSERTS.	NO*	YES
	DOWN	59 FT.	BUTT & INSERTS ONLY	CAN CANTILEVER 40 FT. OF INSERTS.	NO*	YES
PENDANTS ATTACHED TO BOOM TOP	DOWN	80 FT WITHOUT JIB	BUTT, INSERTS & TOP	LOAD BLOCK, HOOK AND WEIGHT BALL MAY BE SUSPENDED BELOW BOOM POINTS	NO*	YES
		70 FT WITHOUT JIB			NO*	YES

* MACHINE MUST BE FACING FRONT OR REAR (SWING NOT ALLOWED)

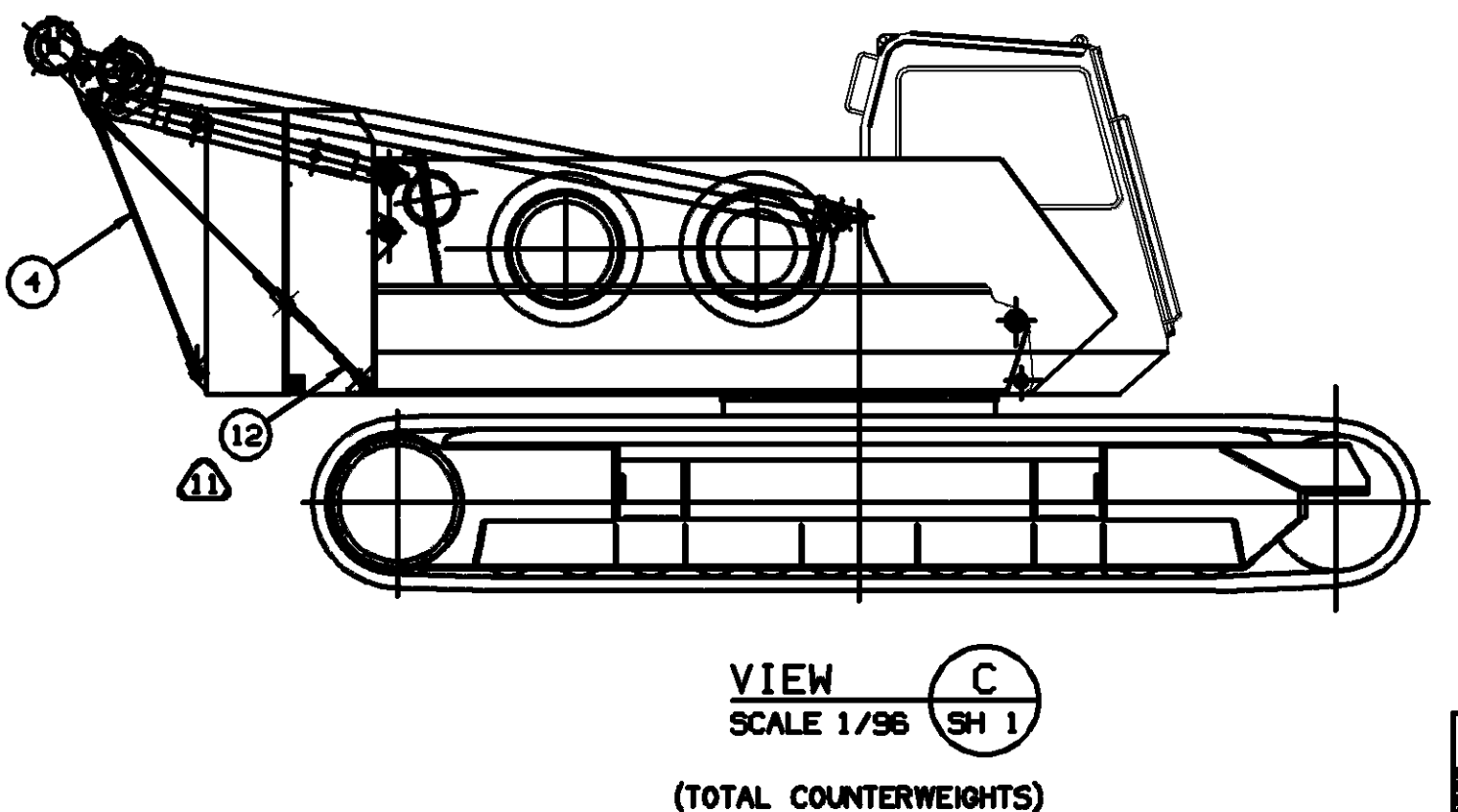
BILL OF MATERIAL - 40 FT. BASIC BOOM									
ITEM	QTY.	SECT.	DESCRIPTION	UNITS	MTL.	UNITS	PNW	UNITS	MTL.
1	2		WASHER		12835		2.97		
2	2		PIN		74079		20.4		
3	2		EQUALIZER ASSEMBLY		912004		411.0		
4	2		PENDANT (20 FT. OF INS. 75002)		278838		46.8		
5	2		BASIC PENDANT (20 FT. OF INS. 75002)		277214		25.4		
6	2		SNAP PIN		263625		2.0		
7	1		BOOM TOP ASSY		911207		2229.7		
8	1		BOOM BUTT ASSY		911278		1820.0		
9	1		BOOM STOP ASSY		911243		1024.0		
10	1		GANTRY ASSEMBLY		195186		2454.9		
11	1		WIRE ROPE TIMBER GUARD ASSY		188494		5.9		
12	2		PENDANT		277512		19.2		
TOTAL WT. OF THIS BOM 8084.0									
BILL OF MATERIAL - ADDITIONS FOR LONGER BOOM LENGTHS									
ITEM	QTY.	SECT.	DESCRIPTION	UNITS	MTL.	UNITS	PNW	UNITS	MTL.
21	AR		10 FT. INSERT		910840		139.5		
22	AR		10 FT. INSERT WITH JIB BACKSTAY		910841		853.5		
23	AR		20 FT. INSERT		910838		1062.5		
24	AR		20 FT. INSERT WITH JIB BACKSTAY		910839		1102.5		
25	AR		40 FT. INSERT		910836		2031.1		
26	AR		40 FT. INSERT WITH JIB BACKSTAY		910837		2020.7		
27	AR		10 FT. PENDANT		278737		98.0		
28	AR		20 FT. PENDANT		278738		190.0		
29	AR		40 FT. PENDANT		278810		179.0		
MT'S ARE FOR QTY. OF 1									
BILL OF MATERIAL - OPTIONAL PARTS									
ITEM	QTY.	SECT.	DESCRIPTION	UNITS	MTL.	UNITS	PNW	UNITS	MTL.
40	AR		WIRE ROPE ROLLER BUTTE ASSY		184788		31.8		
41	1		UNIT. WIRE ROPE ANCHOR JOINT ASSY.		188339		59.8		
42	1		UPPER BOOM POINT ASSEMBLY		911103		254.0		
43	1		LR. BOOM PT. SWAY ASSY (PILE DRIVING)		911108		836.7		
44	1		LR. BOOM PT. SWAY ASSY (CLEAN ROLLERS)		915010		247.5		



BOOM HOIST REEVING DIAGRAM FOR 10 PART LINE.
430 FEET OF .825 - 6 X 26 WARRINGTON SEALE, EXTRA IMPROVED
FLOW STEEL, ALTERNATE LAY, L.W.R.C. (719343) - B.S. 41,200 LBS.
OR
ALTERNATE WIRE ROPE
430 FEET OF .825 - 6 X 26 WARRINGTON SEALE, EXTRA IMPROVED
FLOW STEEL, REGULAR LAY, L.W.R.C. (719344) - B.S. 41,200 LBS.
OR
ALTERNATE WIRE ROPE
430 FEET OF .825 - DYFORM-6, (719345) - B.S. 45,400 LBS.
OR
ALTERNATE WIRE ROPE
SEE CHANGES ON DRAWING 193744

- ① ON DWG. 75002
- ② .875 WIRE ROPE.
- ③ REQ'D FOR BOOM HANDLING. SEE VIEW "A" & "C". THIS PENDANT IS ALSO USED FOR CTWT. HANDLING & RAISING THE GANTRY WITH 40 FT. BASIC BOOM.
- ④ THE WIRE ROPE ANCHOR JOINT ASSY. MUST BE REMOVED WHEN USING MULTIPLE PARTS OF LINE.
- ⑤ USED TO REPLACE PENDANT PIN COTTER PIN FOR PENDANT 278938.
- ⑥ QUANTITY AS REQUIRED.
- ⑦ WEIGHT FOR 2 SHV WIRE ROPE GUIDE ASSY.
- ⑧ INSERT NOTES:
 - 1- MAXIMUM NUMBER OF 10 FT. INSERTS = 2.
 - 2- MAXIMUM NUMBER OF 20 FT. INSERTS = 2.
 - 3- COMBINATION OF 10 FT. AND 20 FT. INSERTS CANNOT EXCEED 2-10 FT. + 1-20 FT. OR 1-10 FT. + 2-20 FT.
 - 4- THE SHORTER INSERTS MUST BE CLOSEST TO THE BUTT. (10 FT. INSERTS FIRST, THEN THE 20 FT. INSERTS)
- ⑨ PENDANT NOTES:
 - 1- PENDANT SETS DO NOT INCLUDE BASIC PENDANTS 277214.
 - 2- PENDANTS FURNISHED IN SETS OF TWO.
 - 3- MATCH LENGTHS OF PENDANT SETS TO LENGTHS OF INSERTS FURNISHED.
- ⑩ GENERAL NOTES:
 - 1- MINIMUM BOOM LENGTH REQUIRED FOR JIB = 70 FT.
 - 2- WHEN AUX. DRUM 911208 OR 911175 IS USED, REFER TO RIGGING ASSY. 911172 FOR ADDITIONAL PARTS.
- ⑪ LOWER BOOM POINT LOAD SENSOR SHEAVE SUB-ASSEMBLY(S) CAN NOT BE USED WHEN MACHINE IS EQUIPPED AND REEVED WITH AN AUX. WINCH. PENDANT PINS (2) 74079 REPLACE PIN (195109 REF.) FOR THIS CONFIGURATION.
- ⑫ SEE VIEW "C". REQUIRED FOR GANTRY TIE-DOWN W/O COUNTERWEIGHTS INSTALLED.

RIGGING AND HANDLING NOTE
WITH THE GANTRY DOWN AND THE BOOM BUTT ONLY ATTACHED TO THE MACHINE, THE BRAKE GUARD(S) WILL BE DAMAGED IF THE BUTT SECTION CENTER LINE IS NOT HORIZONTAL OR ABOVE.



VIEW C
SCALE 1/96
(TOTAL COUNTERWEIGHTS)