4	3	2	1

	REVISIONS			
LTR.	DESCRIPTION		DATE	APPR.
	RELEASED, VERSION 1.0			
A	REVISED PER ECO E12742 VER 1.12		1/9/08	NMB
B	REVISED PER ECO E13550 VER 1.14		7/1/08	JDG3
C	REVISED PER ECO E14081 VER 1.20		12/8/08	JDG3
D	REVISED PER ECO E14326 VER 1.21		2/13/09	JDG3
E	REVISED PER ECO E15069 VER 1.23		9/4/09	JDG3

FILE NAME   SIZE

P173V121.hex	28522 B
P173V123.hex	28559B

UNLESS OTHERWISE SPECIFIED

DIMENSIONS ARE IN INCHES
ONE PLACE DECIMALS ±.06
TWO PLACE DECIMALS ±.03
THREE PLACE DECIMALS ±.010
FRACTIONS ± 1/16
ANGLES ± 0°-30°
BREAK EDGES .005-.015

MATERIAL

FINISH

DO NOT SCALE DRAWING

DRAWN	CAC	6/28/06
CHECKED		
PROJ. ENG.	CRS	12/1/06
DATE STAMP		

R A V E N

INDUSTRIES, INC
SIOUX FALLS, SOUTH DAKOTA

TITLE

SOFTWARE SPECIFICATIONS, NODE, CAN
ACCUBOOM/BOOM SENSE

CODE IDENT. NO.	SIZE	DRAWING NUMBER	
14979	A	077-0159-173	

RELEASE FOR PRODUCTION		
NUMBER	APPROVED	DATE
E10797	CRS	12/1/06

SCALE	NA	SHEET 1 OF 2

AccuBoom Combo Node Firmware Release Notes

Version: 1.23

1. Add two outputs for master valve.
2. Removed heartbeat increment to avoid intermittent boom shut off issue.

Version: 1.21

3. Added Switch Status bytes to boom status CAN message.
4. Fixed PWM pin glitch causing boom outputs to be grounded when there is no communication with a CAN console.

Version: 1.20

1. Updated software for Remote Section Control capability.
2. Fixed bug so that boom outputs would not be grounded after power drop.

Version: 1.14

1. Reinitialized CAN upon power drop.

Version: 1.12

1. Added ability to read speed with boom sense functionality disabled.
2. Updated to improve CAN communications with CAN field computer.

Version: 1.00

1. Original release software.

CODE IDENT. NO.	SIZE	DRAWING NUMBER
14979	A	077-0159-173
SCALE	NA	SHEET 2 OF 2