



# 1 3


5 0 - C 4 0 #0 2o 6 0 0 a 2 0 0 - 9S 0 0  
 0 0 0 1-0 5 0 0 0 1C 0 0 GG 0 0 6a 0 0 1#n 0 0 0  
 0 0 0 0 6a 0 0 Tj6 0 0 9S t 0 0 0 0 0 0 0 0  
 0 0 j 0 0 A 0 0 0 (o 0 C 0 GG 0 0 .3 0 0 0 0 (o 2 #0 2 GTUPCHT GC  
 0G 0 0 0 0 (o 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 2#0 0 0  
 9 2#0 4 0 #0 0 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0  
 0 0 0 0 C 0 0 0 6 0 X6 4 0 0 0 0 (o C 0 176276 0 0 0 - 0  
 0 0 0 0 0 0 (o C 0 0276 0 0 0 - 0 1 0 2 0 0 0 0 0 0 0 0 0 0  
 0 0 19 0 2 0 - 0 0 0 0 0 0 0 0 (o C 0 # 0 1 0 0 0 0 0  
 0 .3o 0 4 0 o) 0 19 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0  
 0 0 P 0  
 0  
 2#0 4 0 0 0 6a 0 0 H 0 62 0 0 0 0 (o 0 2#0 1 0 GXKEG6T6T 0 0  
 0 (o C 0  
 0 6 0 0 0 0 1#n9 0 j 0 /G 9 0 0 0 0 0 0 0 0 0 0 0 0 0 0  
 0  
 0 6 0 0 0 #0 0 9# 0 0 2o 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0  
 0 0 2# 0 4 0 0 0 2#0 1 0 0 0 C 0 GG 0 0 2) 0 0 0 0 9] 0 0 0 0 0 0  
 0 0 ( 0  
 0  
 GG CK IK P GTB KPCN PE 0 0 0 0 4 UXo 0 0 0 0 0 jUo  
 0 GGUXo 0  
 ( 0  
 0

# 2 -n]0o

0S 0t	. 0 0
#5 0 0 GXKEG6T6T G 0 2	GXKEG6T6T G 0 2 9 0 0 0 0 0 0
GG C 0	KIK P GTPCKPCNPE 0 0 GG 0 0 0 0 C 0 0 0 0 0 GXKE5GXG 1/Po 0 0 0 0 GGC 0 0 0 0 G XKE6TXG 0


XBee XBee® and XBee PRO® are registered trademarks of Digi, Inc.



#### 4.2 **MaxStream XBee#4 DIO** (Table)

□

Module	Pin	Signal	Notes
	1	1	#19 Co/T
	1	1	#1 Co/T
	1	2	176 276A 6 XO 2
	1	2	2NNR CP IGGE
	1	1	02 76 2 A
	1	2	# Co/T 1:6 6 XO2
	1	1	176 276A #

□

#### 4.3 **DIO Pin** (Table)

•

•

•

•

#### 5 **SGN-**

□

•

•

•

•

•

•

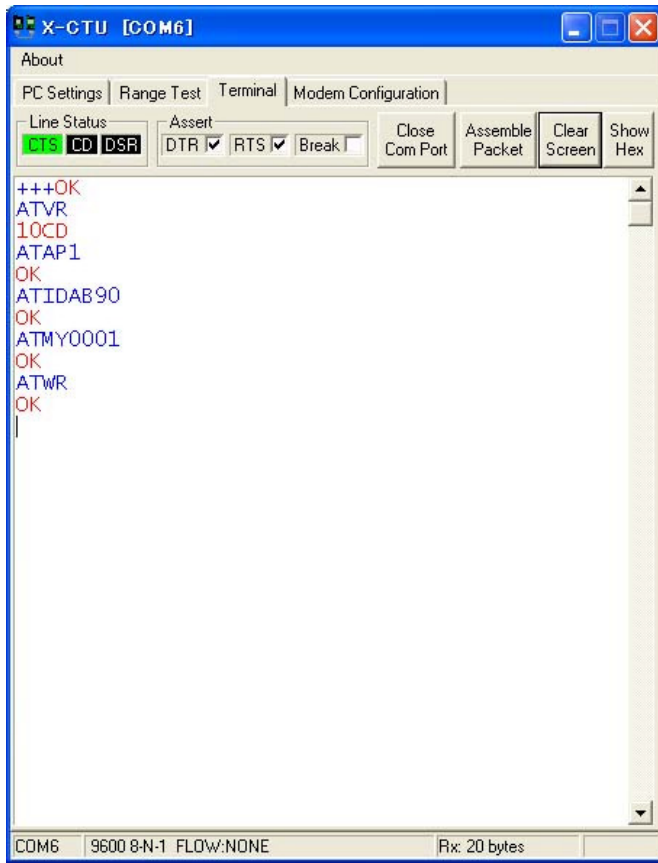
6.1 XBee C30

GG C GX KE6GXGT 0 0 .30 - GX KE5GXGT /P 0 0  
 GG C 0 (0 C 000 00 C K 0 GG0 0 .30 0 0 0  
 000 GXKE6GXGT 0 - 413 00 1/ Po 0 - 5RC TH P 0 NGE TP KEU 0  
 GG 0 RNTIGT 5 0 0 0 75 Po 0 0 .30 0 0 0 0 0 1/P  
 0 0 5 0 0

GG0	H0	0	.300
#2 U0	GH0		
2#0:2GTJPCN#TGC0G	GHCN		
	H 0 0 0 C 0		
	H_oS 0 0 41 C 2		
	0 0 1 0 0.3 0		
	0 0 X 0 0 0 2#0		
	# 0 (0 2# 0 # 0 0 0		
	0 2#0 (02 #00		
	.30 0 2#0] GXKEG5G TXGT		
	1/ Po 0 G G C 0 ]U0 0 GG		
	0 C 0 0 0 0 0		
DK 5 T EG#TGUU	2#0 0 ]00 GH0		
	0 0 .30 0 GG 0		
	# S .30 0 (0 0 C -		
	1 0 C 0 C 0 0 0		
	0 0 0 0 .3 0 0		
	K C4 1 0.3 0 0		
	0 0 (( ( ( ( 4 0		
	0 0 0 0 0 0 0 I		

0.9 3 0 0 GG1 0 0 GG 0 C 2 1/P 0 0 KIK  
 KPGTP PCN PE 0 0 67 # S 0 20 R RX 02 #S I 0 0  
 GG 1/ Po 0 Oo 0 3 0 0 D RU 0 9 2oR R X\_02 0 0  
 0 0 010 ( 0 0 0 0 s- 0 0 0 9  
 6 7 #S /G 0 1/P 0 1 0 0 75 5G TK 2T 1 / 1 0 0







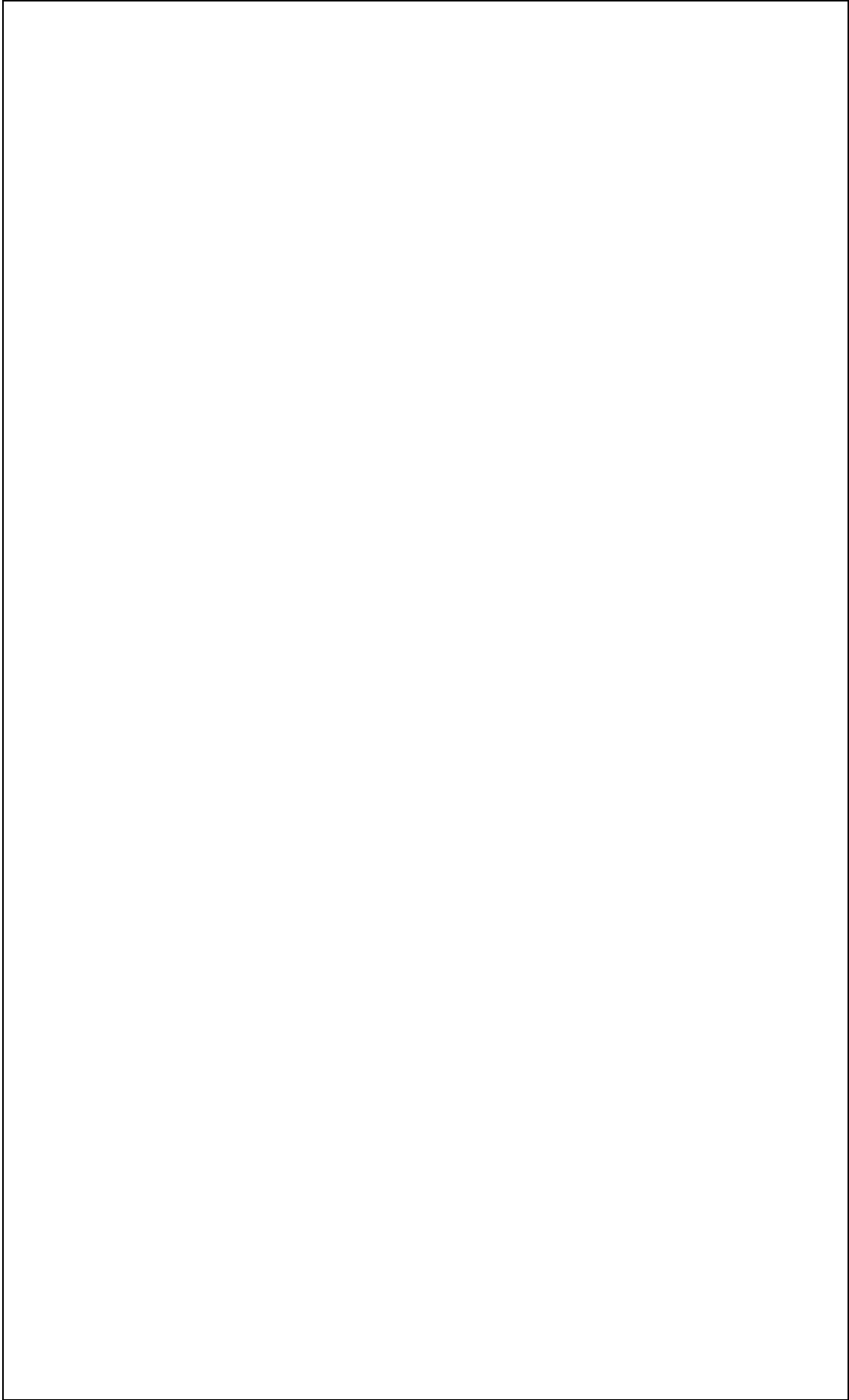


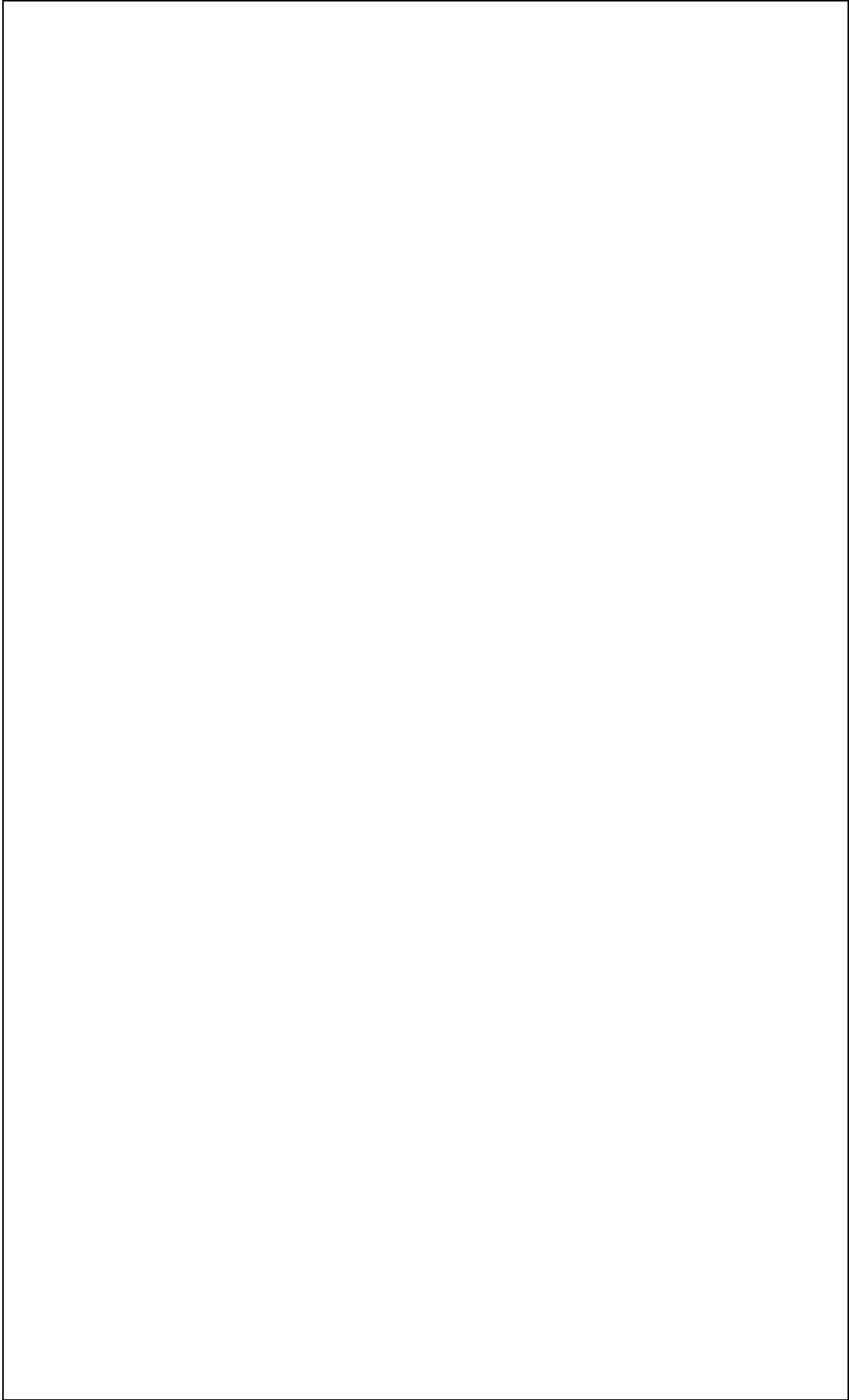


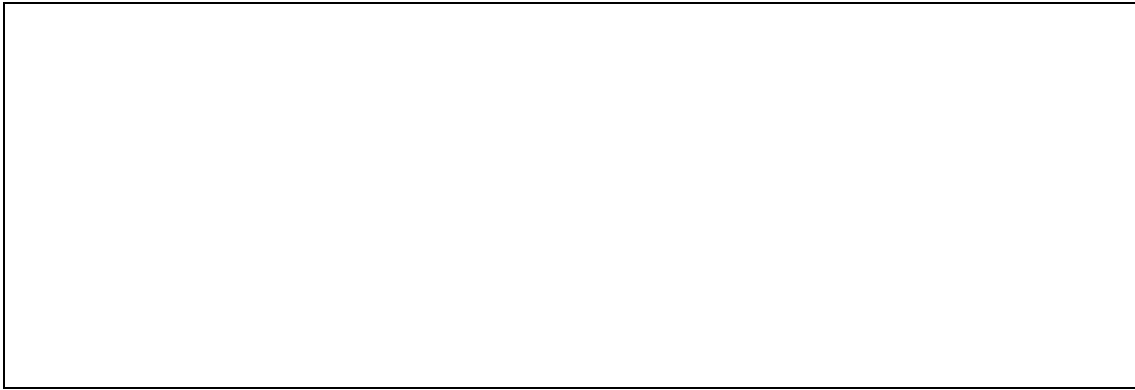












**6.5.2 SENSOR\_ADRANGECHECK\_RESET ] (sensor\_svr)**

```
# 0 240 / 0 0 2- 0 0 1#n - 0 0 .6 H # 0 0 0
0 0 0 ] 0 0 0
R62095 72245 A4#) 0 0 A ) 0 572245A 4#0) 0 0 -A.19
0 0 ] 0 0 0 GXEGSTGEP0NTAX] Uo s- 0 0
0
H 0 0 0 5 0514A## 0) 0 0 A456 NC GXKEG5GXTUGPUTAUX] ] H3 0 0 0 0
```

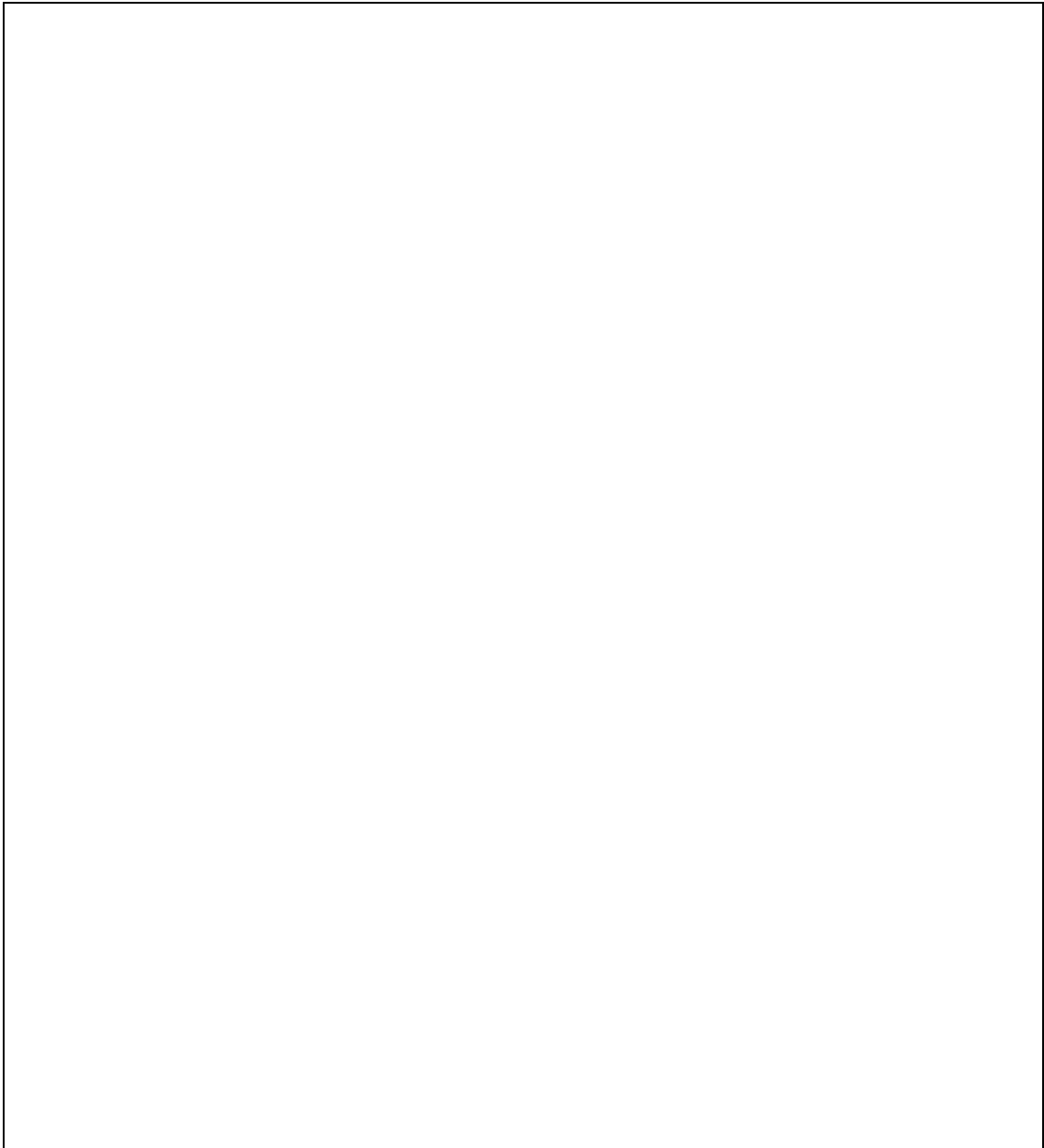
```
HKNSK 5 0514A## 0) 0 0 A456
0
NECN G[AJRRTGUA 0 5 72245 5A#0) 0 0 -A) 0 0
NECN G[AJRRTGUA 0 57 22455 A4#) 0 0 A.19
0
NIA OUI GUG KPI G UGPUT U# TC PIGE GEN CIUH KN&K 0
0 0 0 0 0 0 0 0 0 0 0 0
0 4 6 [H # ] 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0
KHP UGAUCTGACCG [AJR RTGUAKI 0 0 GP GTTT GP
KHP UGAUCTGACCG [AJR RTGUAN 0 0 GP GTT G P
0
```

**6.5.3 SENSOR\_DOUT ] (sensor\_svr)**

```
0 (0 C 0 0 76276 0 0 0 1(( 0 0 0 0 ] 0 0 0 0
0 0 ] 0 0 0 0 GXEGSTGEP0NTAX] Uo s- 0 0
0
H 0 5 0514A176 0 0 GX KE6GKG D GPUTAUX] ] H3 0 0 0 0
```

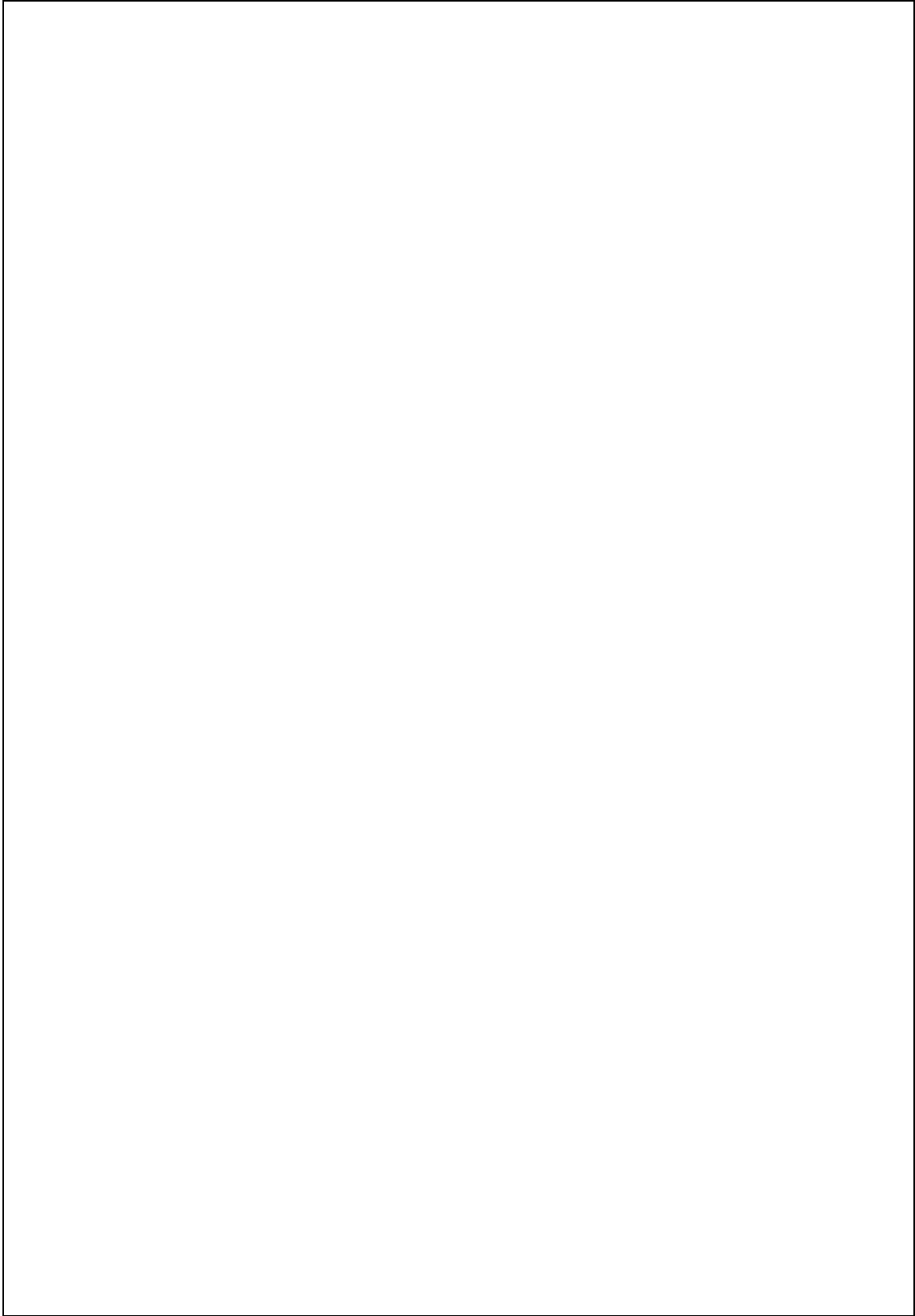
```
HKNSK 5 0514A176
0
0
```

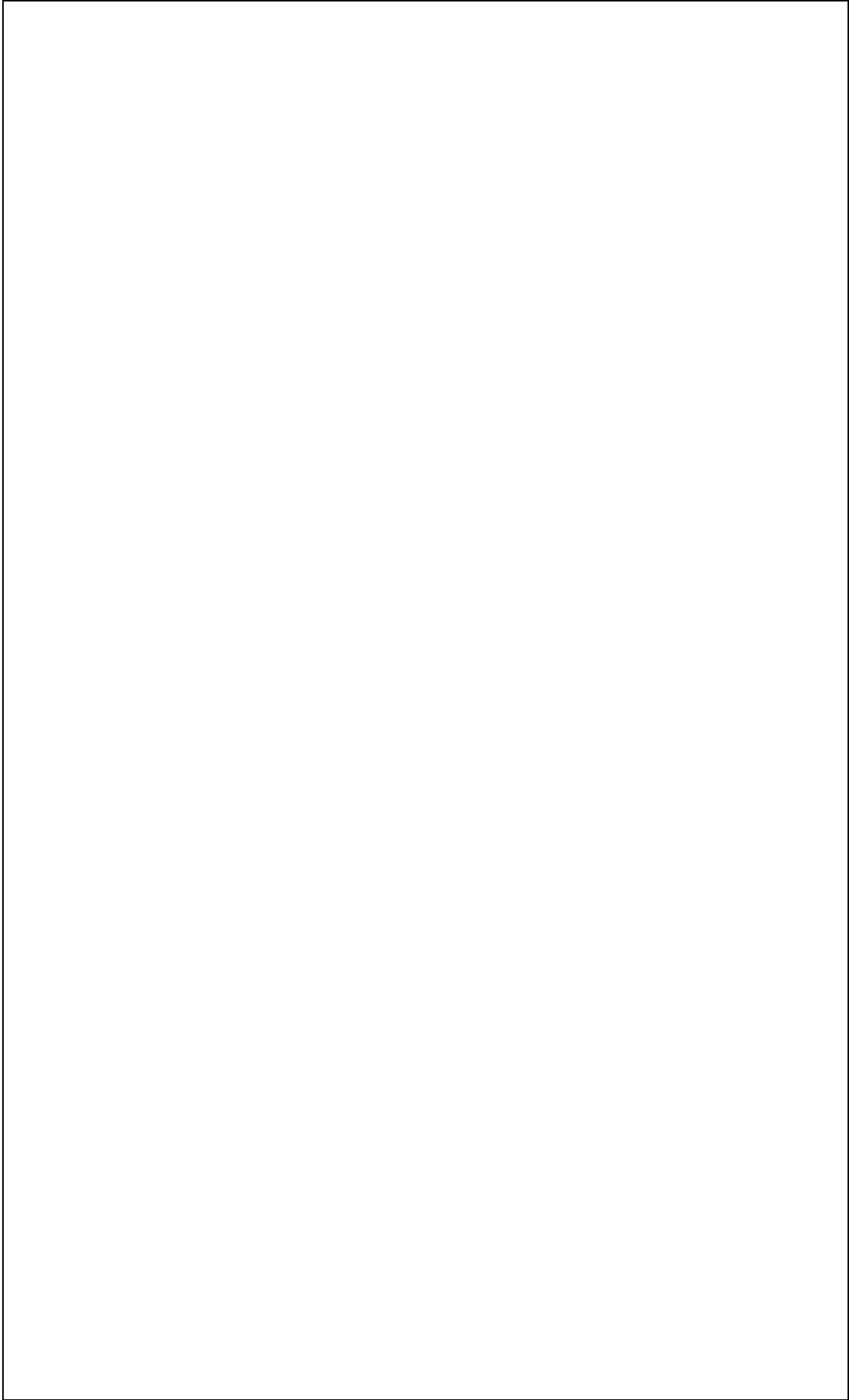


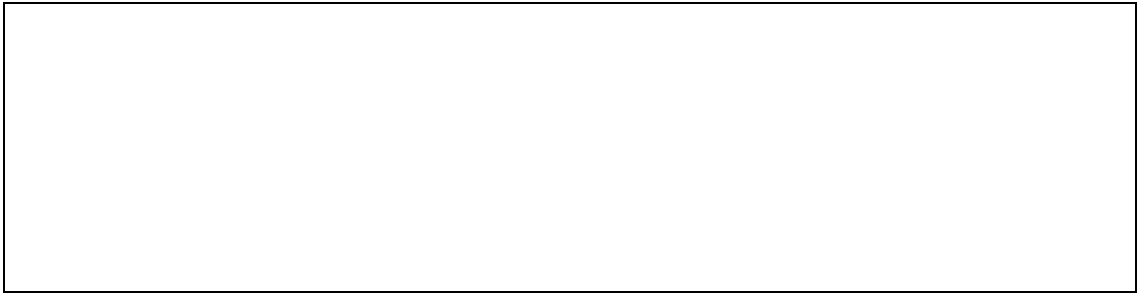


#### 6.5.4 XBEE\_IO\_DATA ] (cntlr\_svr)

oC 6 XO2 1 62 ] . O2 # o2 oCo / .6 O2  
1  
( C 176276 2 O2 # o2 oCo / .6 O2  
1  
( C 1 76276 R 2 o O2 101(  
( 6 C A # ]  
R62 o9 74406A17 6A5#675  
# \_ oC o/T j.6 O2 (o( oCo ]







**6.5.5 CONTR\_DIN\_DISP J (cntlr\_svr)**

oC ( oC 0276 2 A J  
J ( G XKB5GTUGPWA UXT JU os  
H 064A0A52 NC GXKEGKGEPTAUX J H 3

HKNSK 064A0A52  
106 4A0A5 2 J /G( D To2  
oo 6  
02 76 (o 0276  
10 1(( 0o 10  
NECN5GPW2 T 5C U .  
NECN P T NNGGXKEG G XKEG  
NECN P8 CN IARTC 276  
KH P 8CN G P  
NIA OUE P T NNGT 276 U Q U P 8CN HKAK  
KHP DGGAK P T NNGGXKEG P ODE5 GRU2 T 5C U . P 8CN 10 GP GTT GP  
GNUG  
NIA OUD 44 14RC TCGTGT HKAK  
GTT  
GP



## 6.6 DeviceServer 15-130

GXKEG6TGT H 30 0 GXKEG6TGT 5 30 0 0 0  
 #G U6R# S 3 0 0 (0 0 GXKEG6TGTGPUTAUX 0 0 0  
 GXKEG6TGTTE PNTAUX 0 0 (0C 0 5 30 0 0 0

0  
 0 (0G XKB5GXTEPNTAUX 30 0 0 0 GXKEG6TGTGPUTAUX 0 0  
 0 5 0 0 0 0

0  
 # STX 0  
 0  
 0  
 0



0  
 “ ” 0  
 0  
 0



0  
 0  
 0

