JOB SHEET JS2-3-4
CURSOR CONTROL
using
CURSOR AUTO/MANUAL
CURSOR HOME DEFINE, CURSOR HOME
AZRAN R /LAT,LON/ AZRAN H
CURSOR LINK/ UNLINK

INTRODUCTION

The cursor is the white **+** symbol that you move around on the graphics monitors with the puck. The cursor is used in many functions. This job sheet shows how the cursor is used with geographical products to measure distances from the RDA or from any other point chosen. Also covered is "linking" two or more displays to compare products at a single geographic point. Cursor manipulation boxes are in the green **DISPLAY FUNCTIONS** area on the Graphics Tablet. A brief description of boxes used:

A. **CURSOR AUTO/MANUAL** - This toggle box gives two options:

- **Cursor Auto** - the readout of the cursor position automatically updates each second.
- **Cursor Manual** - the cursor position readout updates only when the puck button is pressed.

B. **CURSOR HOME DEFINE** - This box is used to choose some location, such as an airport or town, as the site from which distances are measured. This function works not only with products from associated RPGs, but non-associated RPGs as well.

C. **CURSOR HOME** - Selecting this box puts the cursor at the location chosen using **CURSOR HOME DEFINE**. Selecting **CURSOR HOME** also defines the ***Master Screen*.**

- Full cursor control is possible only on the master screen.
- The cursor location readout appears only on the master screen.

D. **AZRAN R/ LAT,LON/ AZRAN H** - Toggling this triple toggle box displays the cursor position readout three ways:

1. **AZRAN R** -- Cursor position as Azimuth/Range from the **RDA**.
2. **LAT,LON** -- Cursor position in Latitude/Longitude.
3. **AZRAN H** -- Cursor AZRAN from the defined **CURSOR HOME**.

- If the geographic product displayed is for a single elevation slice, the readout will show the cursor altitude along the slice "cone", from the RDA, above MSL. Volume products like VIL have no elevation readout.

E. **CURSOR LINK/UNLINK**--This toggle box serves two functions:

1. Like **CURSOR HOME**, **CURSOR LINK/UNLINK** defines the ***Master Screen***.

   - Full cursor control is possible only on the master screen.
   - The Cursor location readout appears on the master screen.

2. **Cursors may be linked or unlinked to both PUP screens**.

   - Displays are linked when cursors appear on both screens. Both cursors are at the same geographic location, regardless of the magnification of the displays.

   - You can link a full screen to another full screen or to four quadrants. You cannot link two quarter-screen displays, with cursors in all eight quadrants.

OBJECTIVE

Using the Graphic Tablet, you will be able to control the following cursor functions: Cursor Auto/Manual, Cursor Home Define, Cursor Home, Cursor Coordinate Display (Azran R/ Lat,Lon/ Azran H), and Cursor Link/ Unlink.

REFERENCES

NWS EHB6-531-1, USERS GUIDE: PUPRPGOP, Sections 1.1 and 6.9

PROCEDURE

CURSOR AUTO/MANUAL

This toggle controls the cursor location auto-readout feature

1. Display geographical products (any with background maps) on both full screens and determine the master screen:

   a. While watching the Status/Annotations Areas, move the cursor across the Product Image Area. See which screen displays the cursor location readout. **This is the Master Screen**.

2. Toggle **CURSOR AUTO/MANUAL** for the master screen until the feedback line in the Status/Annotations area, lower right, reads **CURSOR MANUAL**.

   - The cursor is now in ***manual*** mode, and the cursor location feedback updates only when the puck button is pressed.

3. Move the cursor across the image area and note that the cursor updates only if you hit the puck button.

4. Toggle back to **CURSOR AUTO** mode, reading the message at lower right.

   - In ***auto*** mode, the cursor location feedback updates once per second.

   - The cursor readout only works with geographical products, and will not work with grid products such as Cross Sections or VAD Wind Profile.

CURSOR HOME DEFINE

Use this to establish some location as a reference point for measuring distances

5. Move the cursor to an interesting geographic point on the right screen and "mark" it by pressing the puck button, or selecting the appropriate row or column from a graphic attribute table.

6. Select **CURSOR HOME DEFINE** (right button).

   - The **CURSOR HOME** location just defined is valid for either screen, and will remain the **CURSOR HOME** reference point until another "home" is defined.

7. Select **CURSOR HOME** (right button)

   --The cursor is at the location defined by Steps 5 and 6.
   Selecting CURSOR HOME also defines the *master screen*. Selecting CURSOR HOME for the other screen will make that screen the master screen, with the cursor at the defined home on that screen.

GRAPHIC TABLET

KEYBOARD | SYMBOLS | USER FUNCTIONS

EDIT COMMANDS

EDIT ANNOT	EDIT ALERT AREA	DELETE ALERT BOX		ADD ALERT BOX		DEL RCTL	ADD RCTL		EDIT RCM PART A		EDIT RCM PART C		57 25	58 26	59 27	60 28	61 29	62 30	63 31	64 32	26	27	28	29	30
EDIT MAP	HIGH DETAIL	! 1	@ 2	# 3	$ 4	% 5	^ 6	& 7	* 8	(9	) 0	+ =	BACK SPACE	51 19	52 20	53 21	54 22	55 23	56 24	21	22	23	24	25
START ERASE	END ERASE	Q	W	E	R	T	Y	U	I	O	P	– -	RET	45 13	46 14	47 15	48 16	49 17	50 18	16	17	18	19	20
START LINE	END LINE	A	S	D	F	G	H	J	K	L	: ;	" '	UPPER SHIFT	39 7	40 8	41 9	42 10	43 11	44 12	11	12	13	14	15
CANCEL EDIT	EXIT EDIT & SAVE	Z	X	C	V	B	N	M	< ,	> .	? /	SPACE	LOWER SHIFT	33 1	34 2	35 3	36 4	37 5	38 6	6	7	8	9	10

PARAMETERS

AZRAN SELECT																					UF1	2	3	4	5
CROSS SECTION SELECT																					CANCEL UF	SPEED DOWN	SPEED UP	FRAME BACK	FRAME FORWARD
RPG																					TIME LAPSE RES/HLT	TIME LAPSE 1	TIME LAPSE 2	TIME LAPSE 3	
TIME																					AUTO RES/HLT	QUAD 1	QUAD 2	RECENTER MAG 1X	RECENTER MAG 2X
DATE																					FULL SCREEN	QUAD 3	QUAD 4	RECENTER MAG 4X	RECENTER MAG 8X
REPEAT COUNT																					CLEAR SCREEN/ QUAD		COMBINE DOWN	COMBINE UP	CURSOR HOME DEFINE
END HOUR																					BLINK COLOR LEVEL	RESTORE PREVIOUS PRODUCT	GRAY/COLOR SCALE	CURSOR AUTO/ MANUAL	CURSOR LINK/UNLINK
SLICE/ DURATION																					ALL QUADRANTS	HARD COPY	PRESET CENTER	CURSOR HOME	AZRAN R/ LAT LON/ AZRAN H
CENTER AZIMUTH																					ACK ALERT	CELL TRENDS	VR/SHEAR DISPLAY	CURRENT CROSS SECTION CR	ANNOT'S AN
CENTER RANGE																					HAIL HI	MESO M	TVS TV	STORM TRACK ST	ATTRIBUTE AT
STORM DIRECTION																					ALERT AREA 1 A1	ALERT AREA 2 A2	SWP SW		COMBINED SHEAR CONTOUR SC
STORM SPEED																					OVERLAYS OFF/ON	OVERLAYS ERASE	MAP OVERLAY DELETE	STOP BLINK	PAGE ATTRIBUTE
CONTOUR INTERVAL																									
ALL/ONE SWA																									
MATCH PARA-METERS																									
DEFAULT PARA-METERS																									

DISPLAY FUNCTIONS

PRODUCT OVERLAYS

6

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ELEVATION UP	LOW PRIORITY	DISPLAY PRODUCT	BASE REF R	COMP REF CR	COMP REF CONTOUR CRC	ECHO TOPS COUNTOUR ETC	REF CROSS SECTION RCS	ACK PRODUCT	DISPLAY QUEUED PRODUCT	PRODUCT OFF/ON	MAPS OFF/ON	MAPS ERASE	MAPS FOREGD/ BACKGD	CANCEL HELP
ELEVATION DOWN	REQUEST MAPS		BASE VEL V	STM REL VEL REGION SRR	STM REL VEL MAP SRM	ECHO TOPS ET	VEL CROSS SECTION VCS	PRODUCT BACK	PRODUCT FORWARD	TRANSFER SCREEN PRODUCT	STATE LAT/LON ST	COUNTY CO	HIGHWAY HY	RADAR SITES RS
LOWEST ELEVATION	BLANK TIME DATE	SEND RPG REQ	BASE SPECTRUM WIDTH SW	COMBINED SHEAR CS	COMBINED SHEAR CONTOUR CSC	COMBINED MOMENT CM	SPECTRUM WIDTH CROSS SECTION SCS	NEXRAD UNIT STATUS	CLEAR QUEUE	REDISPLAY LAST PRODUCT	RIVER RV	RIVER BASIN RB	RDA	RANGE RING
DED ASSOC RPG	.13 NM	8 LEVEL	ONE HOUR PRECIP OHP	THREE HOUR PRECIP THP	STORM TOTAL PRECIP STP	USER SELECTABLE PRECIP USP	STORM TRACK STI	TORNADO VORTEX SIGNATURE TVS	RADAR CODED MESSAGE RCM	ALL SWA PRODUCTS	WARNING AREA WA	MIL OPN AREA MO	POLAR GRID	LFM GRID LF
DIAL-UP ASSOC RPG	.27 NM	16 LEVEL	MESO	SEVERE WEATHER PROBABILITY SWP	WEAK ECHO REGION WER	VERTICALLY INTEGRATED LIQUID VIL	VELOCITY AZIMUTH DISPLAY VAD	HAIL HI	SWA REF SWR	SWA VEL/SRR SWV/SWR	RSTRCTD AREA RA	PRHBTD AREA PA	AIRWAY HIGH AH	CITY CI
RPG 1	.54 NM	HIGH ALT	LAYER COMP REF MAX LRM	LRM AP REMOVED APR	LAYER COMP REF AVG LRA		VAD WIND PROFILE VWP	HYBRID SCAN REF HSR	SWA SPECTRUM WIDTH SWW	SWA SHEAR SWS	NAVAID NA	AIRPORT AP	AIRWAY LOW AL	COUNTY NAMES CN
RPG 2	1.1 NM	MID ALT												
RPG 3	2.2 NM	LOW ALT												

PARAMETERS | PRODUCTS | BACKGROUND MAPS

AZRAN R, /LAT,LON/, AZRAN H
(Cursor Location Feedback)
This, the only triple toggle, displays the cursor position readout three different ways

8. Move the cursor around on the monitor and check the cursor location readout.

- The cursor location readout appears on the "master" screen in the Status/Annotations area as one of the following:

A/R (RDA)	-	Azimuth/Range from the RDA
CUR L/L	-	Cursor Latitude/Longitude
A/R (HOME)	-	Azimuth/Range from the Cursor Home location.

The height display is always above MSL along the product elevation slice, relative to the RDA, and assumes standard atmospheric refraction. Cursor elevation does not display on volume products.

9. Toggle **AZRAN-R/LAT,LON/AZRAN-H** until the cursor readout appears as **CUR L/L**. Move the puck around in the white area of the graphics tablet and note the changing latitude/longitude and elevation readings.

10. Toggle **AZRAN-R/ LAT,LON/ AZRAN-H** again.

- The **CUR L/L** (Latitude/longitude) readout is replaced by the **A/R (HOME)** readout **(**AZRAN from the **CURSOR HOME** location defined in step 6**)**.

11. Select **CURSOR HOME** and note that **A/R (HOME)** is 0 nm. Move the puck around in the white area and note the changing **A/R (HOME)** readings.

- The cursor elevation is along the elevation slice, relative to the RDA, and is the same regardless of the cursor position display mode.

- The **A/R (HOME), A/R (RDA), and LAT/LON** readouts *work* on products requested from **both** associated and non-associated RPGs.

12. Select **AZRAN-R/ LAT,LON/ AZRAN-H** again.

- **A/R (HOME)** value is replaced by **A/R (RDA)**.

13. Pick another point and measure distances relative to it using **CURSOR HOME DEFINE, CURSOR HOME,** and the triple toggle.

GRAPHIC TABLET

KEYBOARD | SYMBOLS | USER FUNCTIONS

EDIT COMMANDS

EDIT ANNOT	EDIT ALERT AREA	DELETE ALERT BOX	ADD ALERT BOX		DEL RCTL	ADD RCTL		EDIT RCM PART A		EDIT RCM PART C		57 25	58 26	59 27	60 28	61 29	62 30	63 31	64 32	26	27	28	29	30
EDIT MAP	HIGH DETAIL	! 1	@ 2	# 3	$ 4	% 5	^ 6	& 7	* 8	(9	) 0	+ =	BACK SPACE	51 19	52 20	53 21	54 22	55 23	56 24	21	22	23	24	25
START ERASE	END ERASE	Q	W	E	R	T	Y	U	I	O	P	– -	RET	45 13	46 14	47 15	48 16	49 17	50 18	16	17	18	19	20
START LINE	END LINE	A	S	D	F	G	H	J	K	L	: ;	" '	UPPER SHIFT	39 7	40 8	41 9	42 10	43 11	44 12	11	12	13	14	15
CANCEL EDIT	EXIT EDIT & SAVE	Z	X	C	V	B	N	M	< ,	> .	? /	SPACE	LOWER SHIFT	33 1	34 2	35 3	36 4	37 5	38 6	6	7	8	9	10

PARAMETERS

AZRAN SELECT																				UF1	2	3	4	5
CROSS SECTION SELECT																				CANCEL UF	SPEED DOWN	SPEED UP	FRAME BACK	FRAME FORWARD
RPG																				TIME LAPSE RES/HLT	TIME LAPSE 1	TIME LAPSE 2	TIME LAPSE 3	
TIME																				AUTO RES/HLT	QUAD 1	QUAD 2	RECENTER MAG 1X	RECENTER MAG 2X
DATE																				FULL SCREEN	QUAD 3	QUAD 4	RECENTER MAG 4X	RECENTER MAG 8X
REPEAT COUNT																				CLEAR SCREEN/ QUAD	FILTER	COMBINE DOWN	COMBINE UP	CURSOR HOME DEFINE
END HOUR																				BLINK/ COLOR LEVEL	RESTORE DISPLAYED PRODUCT	GRAY/COLOR SCALE	CURSOR AUTO/ MANUAL	CURSOR LINK/UNLINK
SLICE/ DURATION																				ALL QUADRANTS	HARD COPY	PRESET CENTER	CURSOR HOME	AZRAN R/ LAT LON/ AZRAN H
CENTER AZIMUTH																								
CENTER RANGE																				ACK ALERT	CELL TRENDS	VR/SHEAR DISPLAY	CURRENT CROSS SECTION CR	ANNOT'S AN
STORM DIRECTION																				HAIL HI	MESO M	TVS TV	STORM TRACK ST	ATTRIBUTE AT
STORM SPEED																				ALERT AREA 1 A1	ALERT AREA 2 A2	SWP SW		COMBINED SHEAR CONTOUR SC
CONTOUR INTERVAL																				OVERLAYS OFF/ON	OVERLAYS ERASE	MAP OVERLAY DELETE	STOP BLINK	PAGE ATTRIBUTE
ALL/ONE SWA																								
MATCH PARA-METERS																								
DEFAULT PARA-METERS																								

DISPLAY FUNCTIONS

PRODUCT OVERLAYS

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ELEVATION UP	LOW PRIORITY	DISPLAY PRODUCT	BASE REF R	COMP REF CR	COMP REF CONTOUR CRC	ECHO TOPS COUNTOUR ETC	REF CROSS SECTION RCS	ACK PRODUCT	DISPLAY QUEUED PRODUCT	PRODUCT OFF/ON	MAPS OFF/ON	MAPS ERASE	MAPS FOREGD/ BACKGD	CANCEL HELP
ELEVATION DOWN	REQUEST MAPS		BASE VEL V	STM REL VEL REGION SRR	STM REL VEL MAP SRM	ECHO TOPS ET	VEL CROSS SECTION VCS	PRODUCT BACK	PRODUCT FORWARD	TRANSFER SCREEN PRODUCT	STATE LAT/LON ST	COUNTY CO	HIGHWAY HY	RADAR SITES RS
LOWEST ELEVATION	BLANK TIME DATE	SEND RPG REQ	BASE SPECTRUM WIDTH SW	COMBINED SHEAR CS	COMBINED SHEAR CONTOUR CSC	COMBINED MOMENT CM	SPECTRUM WIDTH CROSS SECTION SCS	NEXRAD UNIT STATUS	CLEAR QUEUE	REDISPLAY LAST PRODUCT	RIVER RV	RIVER BASIN RB	RDA	RANGE RING
DED ASSOC RPG	.13 NM	8 LEVEL	ONE HOUR PRECIP OHP	THREE HOUR PRECIP THP	STORM TOTAL PRECIP STP	USER SELECTABLE PRECIP USP	STORM TRACK STI	TORNADO VORTEX SIGNATURE TVS	RADAR CODED MESSAGE RCM	ALL SWA PRODUCTS	WARNING AREA WA	MIL OPN AREA MO	POLAR GRID	LFM GRID LF
DIAL-UP ASSOC RPG	.27 NM	16 LEVEL	MESO	SEVERE WEATHER PROBABILITY SWP	WEAK ECHO REGION WER	VERTICALLY INTEGRATED LIQUID VIL	VELOCITY AZIMUTH DISPLAY VAD	HAIL HI	SWA REF SWR	SWA VEL/SRR SWV/SWR	RSTRCTD AREA RA	PRHBTD AREA PA	AIRWAY HIGH AH	CITY CI
RPG 1	.54 NM	HIGH ALT	LAYER COMP REF MAX LRM	LRM AP REMOVED APR	LAYER COMP REF AVG LRA		VAD WIND PROFILE VWP	HYBRID SCAN REF HSR	SWA SPECTRUM WIDTH SWW	SWA SHEAR SWS	NAVAID NA	AIRPORT AP	AIRWAY LOW AL	COUNTY NAMES CN
RPG 2	1.1 NM	MID ALT												
RPG 3	2.2 NM	LOW ALT												

PARAMETERS | PRODUCTS | BACKGROUND MAPS

CURSOR LINK/ UNLINK
(Master Screen Selection with Full and Quarter Screen Configuration)

This toggle defines the "master" screen, and displays the cursors at the same geographical point on both screens.

FULL SCREEN CONFIGURATION

14. Select a Base Velocity product for the left screen.

15. Move the cursor across the PUP screen image area.

- If a cursor is on just one screen, the screens are ***unlinked***, with the cursor and its location readout appearing on the ***master*** screen.

- If cursors are on both screens, the screens are ***linked***, with the cursor location readout appearing on the ***master*** screen.

16. Toggle **CURSOR LINK/UNLINK** repeatedly for the left screen.

- This makes the left screen the ***master*** screen, and links/unlinks the right screen. Be sure to read the status message.

- The cursors on both screens track together, but the cursor position readout is displayed only on the master screen.

17. Toggle **CURSOR LINK/UNLINK** again, but for the right screen.

- The right screen is the master screen, and the left screen may be either linked or unlinked. Be sure to read the status message.

QUARTER SCREEN CONFIGURATION

18. Display four geographical products (Base Ref, Base Vel, Base Spectrum Width, Comp Ref) on a 4-panel display on the left screen.

19. Select **QUAD 1** (left button) .

- **Quadrant 1** is outlined in **green,** indicating it is the active quadrant.

20. Toggle **CURSOR LINK/ UNLINK** repeatedly (left button).

- **Quadrant 1** is the **master screen active quadrant.** The other three quadrants and the right screen are linked/unlinked to Quad 1 when cursors appear on all 5 images. Ensure that the screens are linked.

GRAPHIC TABLET

KEYBOARD | SYMBOLS | USER FUNCTIONS

EDIT COMMANDS

EDIT ANNOT	EDIT ALERT AREA	DELETE ALERT BOX		ADD ALERT BOX		DEL RCTL	ADD RCTL		EDIT RCM PART A		EDIT RCM PART C		57 25	58 26	59 27	60 28	61 29	62 30	63 31	64 32	26	27	28	29	30
EDIT MAP	HIGH DETAIL	! 1	@ 2	# 3	$ 4	% 5	^ 6	& 7	* 8	(9	) 0	+ =	BACK SPACE	51 19	52 20	53 21	54 22	55 23	56 24	21	22	23	24	25
START ERASE	END ERASE	Q	W	E	R	T	Y	U	I	O	P	– -	RET	45 13	46 14	47 15	48 16	49 17	50 18	16	17	18	19	20
START LINE	END LINE	A	S	D	F	G	H	J	K	L	: ;	" '	UPPER SHIFT	39 7	40 8	41 9	42 10	43 11	44 12	11	12	13	14	15
CANCEL EDIT	EXIT EDIT & SAVE	Z	X	C	V	B	N	M	< ,	> .	? /	SPACE	LOWER SHIFT	33 1	34 2	35 3	36 4	37 5	38 6	6	7	8	9	10

PARAMETERS

AZRAN SELECT																					UF1	2	3	4	5
CROSS SECTION SELECT																					CANCEL UF	SPEED DOWN	SPEED UP	FRAME BACK	FRAME FORWARD
RPG																					TIME LAPSE RES/HLT	TIME LAPSE 1	TIME LAPSE 2	TIME LAPSE 3	
TIME																					AUTO DEFAULT	QUAD 1	QUAD 2	RECENTER MAG 1X	RECENTER MAG 2X
DATE																					FULL SCREEN	QUAD 3	QUAD 4	RECENTER MAG 4X	RECENTER MAG 8X
REPEAT COUNT																					CLEAR SCREEN/ QUAD	FILTER	COMBINE DOWN	COMBINE UP	CURSOR HOME DEFINE
END HOUR																					BLINK COLOR LEVEL	RESTORE DISPLAYED PRODUCT	GRAY/COLOR SCALE	CURSOR MANUAL	CURSOR LINK/UNLINK
SLICE/ DURATION																					ALL QUADRANTS	HARD COPY	PRESET CENTER	CURSOR HOME	AZRAN R/ LAT LON/ AZRAN H
CENTER AZIMUTH																					ACK ALERT	CELL TRENDS	VR/SHEAR DISPLAY	CURRENT CROSS SECTION CR	ANNOT'S AN
CENTER RANGE																					HAIL HI	MESO M	TVS TV	STORM TRACK ST	ATTRIBUTE AT
STORM DIRECTION																					ALERT AREA 1 A1	ALERT AREA 2 A2	SWP SW		COMBINED SHEAR CONTOUR SC
STORM SPEED																					OVERLAYS OFF/ON	OVERLAYS ERASE	MAP OVERLAY DELETE	STOP BLINK	PAGE ATTRIBUTE
CONTOUR INTERVAL																									
ALL/ONE SWA																									
MATCH PARA-METERS																									
DEFAULT PARA-METERS																									

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DISPLAY FUNCTIONS

PRODUCT OVERLAYS

ELEVATION UP	LOW PRIORITY	DISPLAY PRODUCT	BASE REF R	COMP REF CR	COMP REF CONTOUR CRC	ECHO TOPS COUNTOUR ETC	REF CROSS SECTION RCS	ACK PRODUCT	DISPLAY QUEUED PRODUCT	PRODUCT OFF/ON	MAPS OFF/ON	MAPS ERASE	MAPS FOREGD/ BACKGD	CANCEL HELP
ELEVATION DOWN	REQUEST MAPS		BASE VEL V	STM REL VEL REGION SRR	STM REL VEL MAP SRM	ECHO TOPS ET	VEL CROSS SECTION VCS	PRODUCT BACK	PRODUCT FORWARD	TRANSFER SCREEN PRODUCT	STATE LAT/LON ST	COUNTY CO	HIGHWAY HY	RADAR SITES RS
LOWEST ELEVATION	BLANK TIME DATE	SEND RPG REQ	BASE SPECTRUM WIDTH SW	COMBINED SHEAR CS	COMBINED SHEAR CONTOUR CSC	COMBINED MOMENT CM	SPECTRUM WIDTH CROSS SECTION SCS	NEXRAD UNIT STATUS	CLEAR QUEUE	REDISPLAY LAST PRODUCT	RIVER RV	RIVER BASIN RB	RDA	RANGE RING
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RPG 1	.54 NM	HIGH ALT	LAYER COMP REF MAX LRM	LRM AP REMOVED APR	LAYER COMP REF AVG LRA		VAD WIND PROFILE VWP	HYBRID SCAN REF HSR	SWA SPECTRUM WIDTH SWW	SWA SHEAR SWS	NAVAID NA	AIRPORT AP	AIRWAY LOW AL	COUNTY NAMES CN
RPG 2	1.1 NM	MID ALT												
RPG 3	2.2 NM	LOW ALT												

PARAMETERS | PRODUCTS | BACKGROUND MAPS

21. Move the cursor across the PUP screen image area.

- Cursor tracking occurs on all four quadrants and the right screen. While the AZRAN applies to all quadrant and full screen displays, the altitude readout applies only to the master screen active quadrant, unless other displays are on the same elevation slice.

22. Select **CURSOR LINK/ UNLINK** again (left button).

- This unlinks the screens, and cursor tracking occurs only in Quadrant 1.

23. Select **FULL SCREEN** (left button).

- This replaces the quarter screen presentation with a blank full screen.

24. Select **CLEAR SCREEN/QUAD** (right button).

END

GRAPHIC TABLET

KEYBOARD | SYMBOLS | USER FUNCTIONS

EDIT COMMANDS

EDIT ANNOT	EDIT ALERT AREA	DELETE ALERT BOX		ADD ALERT BOX		DEL RCTL	ADD RCTL		EDIT RCM PART A		EDIT RCM PART C		57 25	58 26	59 27	60 28	61 29	62 30	63 31	64 32	26	27	28	29	30
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START ERASE	END ERASE	Q	W	E	R	T	Y	U	I	O	P	– -	RET	45 13	46 14	47 15	48 16	49 17	50 18	16	17	18	19	20
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CANCEL EDIT	EXIT EDIT & SAVE	Z	X	C	V	B	N	M	< ,	> .	? /	SPACE	LOWER SHIFT	33 1	34 2	35 3	36 4	37 5	38 6	6	7	8	9	10

PARAMETERS

AZRAN SELECT																					UF1	2	3	4	5
CROSS SECTION SELECT																					CANCEL UF	SPEED DOWN	SPEED UP	FRAME BACK	FRAME FORWARD
RPG																					TIME LAPSE RES/HLT	TIME LAPSE 1	TIME LAPSE 2	TIME LAPSE 3	
TIME																					AUTO RES/HLT	QUAD 1	QUAD 2	RECENTER MAG 1X	RECENTER MAG 2X
DATE																					FULL SCREEN	QUAD 3	QUAD 4	RECENTER MAG 4X	RECENTER MAG 8X
REPEAT COUNT																					CLEAR SCREEN/ QUAD	FILTER	COMBINE DOWN	COMBINE UP	CURSOR HOME DEFINE
END HOUR																					BLINK COLOR LEVEL	RESTORE DISPLAYED	GRAY/COLOR SCALE	CURSOR AUTO/	CURSOR LINK/UNLINK
SLICE/ DURATION																					ALL QUADRANTS	HARD COPY	PRESET CENTER	CURSOR HOME	AZRAN R/ LAT LON/ AZRAN H
CENTER AZIMUTH																					ACK ALERT	CELL TRENDS	VR/SHEAR DISPLAY	CURRENT CROSS SECTION CR	ANNOT'S AN
CENTER RANGE																					HAIL HI	MESO M	TVS TV	STORM TRACK ST	ATTRIBUTE AT
STORM DIRECTION																					ALERT AREA 1 A1	ALERT AREA 2 A2	SWP SW		COMBINED SHEAR CONTOUR SC
STORM SPEED																					OVERLAYS OFF/ON	OVERLAYS ERASE	MAP OVERLAY DELETE	STOP BLINK	PAGE ATTRIBUTE
CONTOUR INTERVAL																									
ALL/ONE SWA																									
MATCH PARA-METERS																									
DEFAULT PARA-METERS																									

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DISPLAY FUNCTIONS

PRODUCT OVERLAYS

ELEVATION UP	LOW PRIORITY	DISPLAY PRODUCT	BASE REF R	COMP REF CR	COMP REF CONTOUR CRC	ECHO TOPS COUNTOUR ETC	REF CROSS SECTION RCS	ACK PRODUCT	DISPLAY QUEUED PRODUCT	PRODUCT OFF/ON	MAPS OFF/ON	MAPS ERASE	MAPS FOREGD/ BACKGD	CANCEL HELP
ELEVATION DOWN	REQUEST MAPS		BASE VEL V	STM REL VEL REGION SRR	STM REL VEL MAP SRM	ECHO TOPS ET	VEL CROSS SECTION VCS	PRODUCT BACK	PRODUCT FORWARD	TRANSFER SCREEN PRODUCT	STATE LAT/LON ST	COUNTY CO	HIGHWAY HY	RADAR SITES RS
LOWEST ELEVATION	BLANK TIME DATE	SEND RPG REQ	BASE SPECTRUM WIDTH SW	COMBINED SHEAR CS	COMBINED SHEAR CONTOUR CSC	COMBINED MOMENT CM	SPECTRUM WIDTH CROSS SECTION SCS	NEXRAD UNIT STATUS	CLEAR QUEUE	REDISPLAY LAST PRODUCT	RIVER RV	RIVER BASIN RB	RDA	RANGE RING
DED ASSOC RPG	.13 NM	8 LEVEL	ONE HOUR PRECIP OHP	THREE HOUR PRECIP THP	STORM TOTAL PRECIP STP	USER SELECTABLE PRECIP USP	STORM TRACK STI	TORNADO VORTEX SIGNATURE TVS	RADAR CODED MESSAGE RCM	ALL SWA PRODUCTS	WARNING AREA WA	MIL OPN AREA MO	POLAR GRID	LFM GRID LF
DIAL-UP ASSOC RPG	.27 NM	16 LEVEL	MESO	SEVERE WEATHER PROBABILITY SWP	WEAK ECHO REGION WER	VERTICALLY INTEGRATED LIQUID VIL	VELOCITY AZIMUTH DISPLAY VAD	HAIL HI	SWA REF SWR	SWA VEL/SRR SWV/SWR	RSTRCTD AREA RA	PRHBTD AREA PA	AIRWAY HIGH AH	CITY CI
RPG 1	.54 NM	HIGH ALT	LAYER COMP REF MAX LRM	LRM AP REMOVED APR	LAYER COMP REF AVG LRA		VAD WIND PROFILE VWP	HYBRID SCAN REF HSR	SWA SPECTRUM WIDTH SWW	SWA SHEAR SWS	NAVAID NA	AIRPORT AP	AIRWAY LOW AL	COUNTY NAMES CN
RPG 2	1.1 NM	MID ALT												
RPG 3	2.2 NM	LOW ALT												

PARAMETERS | PRODUCTS | BACKGROUND MAPS