S E R V I C E   N O T E

SUPERSEDES: None

Z2030 Microprocessor Controlled Fixtures and Global Docking Station (Osprey and Redhawk Fixtures using the A-Engine)

Serial Numbers: 0000A00000 / 9999Z99999

Note

If an Osprey or Redhawk fixture does not respond to any serial command, and upon inspection, the red LED on the processor is lit, it is necessary to verify data in the processor EEPROM is correct.

To Be Performed By: Agilent Technologies Qualified Personnel
Customer may perform this procedure if necessary.

Parts Required:

1 PC or terminal attached to maintenance port of the fixture via RS232 cable

Setup following the same procedure (discussed in the Solution/Action section of this Service Note) that is used when upgrading firmware

Situation:

If an Osprey or Redhawk fixture does not respond to any serial command, and upon inspection, the red LED on the processor is lit, it is necessary to verify data in the processor EEPROM is correct. Furthermore, the operator interface LEDs may not light up as expected OR they all may be lit at the time of error.

Continued

DATE: November 1999

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:

INFORMATION ONLY

AUTHOR:	ENTITY:	ADDITIONAL INFORMATION:
MS	0960	

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Solution / Action:

To setup the PC or terminal to the maintenance port of the fixture, follow the instructions found in the User's Guide and Command Reference Manual, Chapter 3 - Updating the Flash Prom, beginning page 3-1, steps 1 through 5.

To verify data in the processor EEPROM is correct, type in the following commands and validate the responses (be sure to always use capital letters when typing in commands):

Command	Response Should Be	Corrective Command
C39 0010	80	C38 0010 80
C39 0011	00	C38 0011 00
C39 0012	00	C38 0012 00
C39 0013	00	C38 0013 00

If any of all of these commands do not reveal the correct response, the corrective command(s) must be entered for only the command lines in error as shown above.