

URSA OPERATING COMPANY, LLC. BMC "B" PADSITE

***REAL TIME CONTINUOUS NOISE MONITORING
NOISE LEVEL (Leq) Updates
BATTLEMENT MESA, COLORADO***

***BMC B1 and BMC B3
June 2017***





BATTLEMENT MESA
The Colorado Dream

**CONTINUOUS NOISE MONITORING (Leq)
BMC B1 and BMC B3 - DRILLING NOISE LEVELS**

WEBSITE ACCESS - www.enrgconsultants.com

BMC B1 - 501

USERNAME: confidential

PASSWORD: confidential

BMC B3 - 505

USERNAME: confidential

PASSWORD: confidential

MOBILIZED: 4/4/17

CITY: BATTLEMENT MESA

COUNTY/STATE: GARFIELD, COLORADO

GPS COORDINATES 39.438597, -108.046638

NOISE MONITORING TERMINALS ONSITE:

NMT 501 AND NMT 505

BRUEL & KJAER 3639

NMT CALIBRATED: 4/4/17 @ 94 dBA*

4/24/17 @ 94 dBA*

5/31/17 @ 94 dBA*

COGCC ORDINANCE:

ORDINANCE # 1R-99

DECEMBER 2005

*Calibrator certificate of calibration available upon request

** Provided by COGCC Ordinance

COMPANY CONTACTS:

CHRYSTIE CARTER (214) 435-6799

chrystie@enrgconsultants.com

TODD H. BORING (214) 674-3762

todd@enrgconsultants.com

FIGURE 1 - GOOGLE EARTH NMT LOCATIONS

FIGURE 2 - NMT PHOTOGRAPH LOCATION

FIGURE 3 - NMT PHOTOGRAPH LOCATION

FIGURE 4 - 72 HOUR LEQ NOISE LEVELS

ALLOWABLES

DAYTIME - 07:00 - 19:00

NIGHTTIME - 19:00 - 07:00

DAYTIME PERMITTED DRLG ALLOWABLE - 70.0 dBA**

NIGHTTIME PERMITTED DRLG ALLOWABLE - 65.0 dBA**



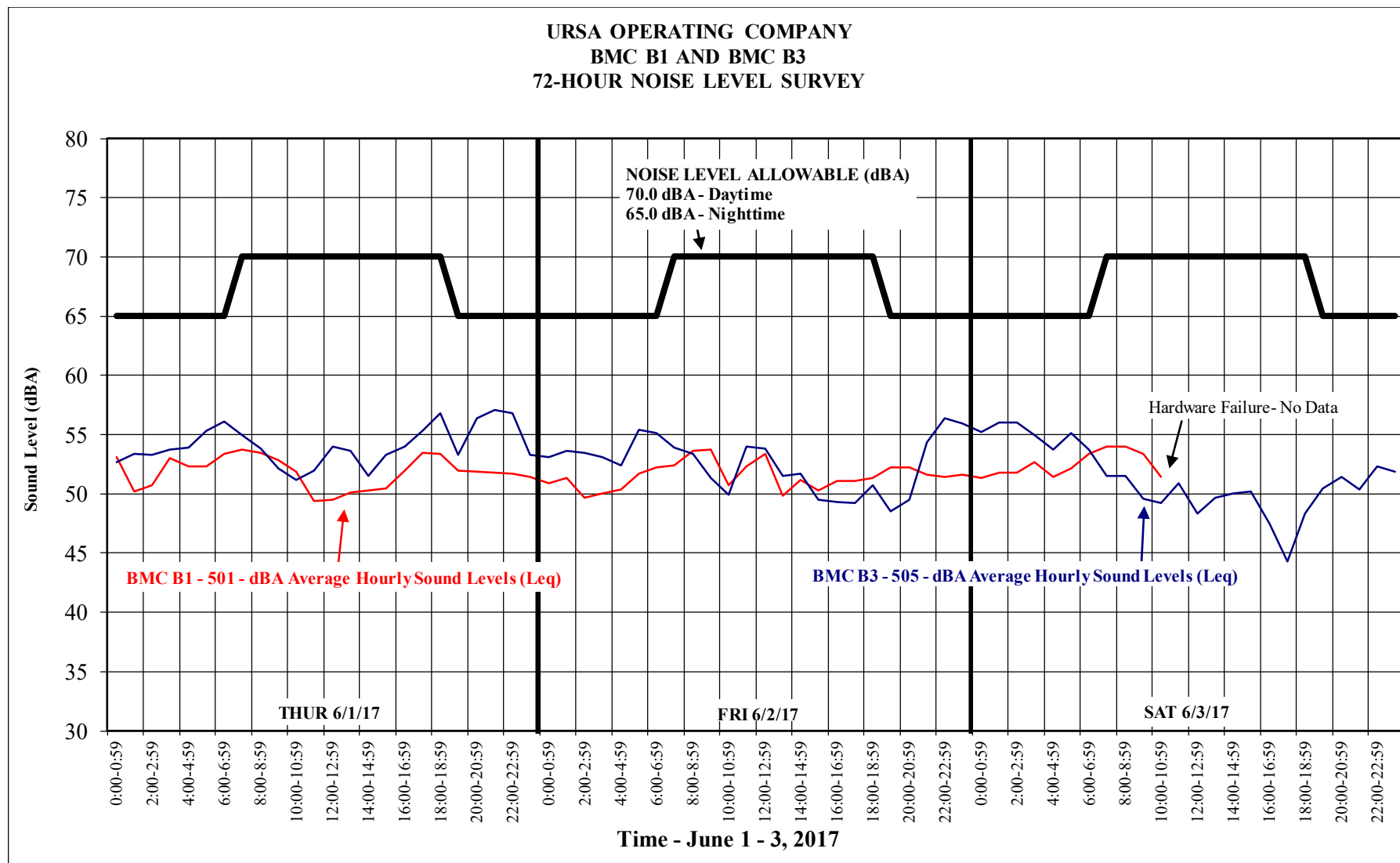
**FIGURE 1. URSA OPERATING COMPANY – BMC "B" PADSITE
NOISE MONITORING TERMINAL (NMT) LOCATIONS
BMC B1 and BMC B3**



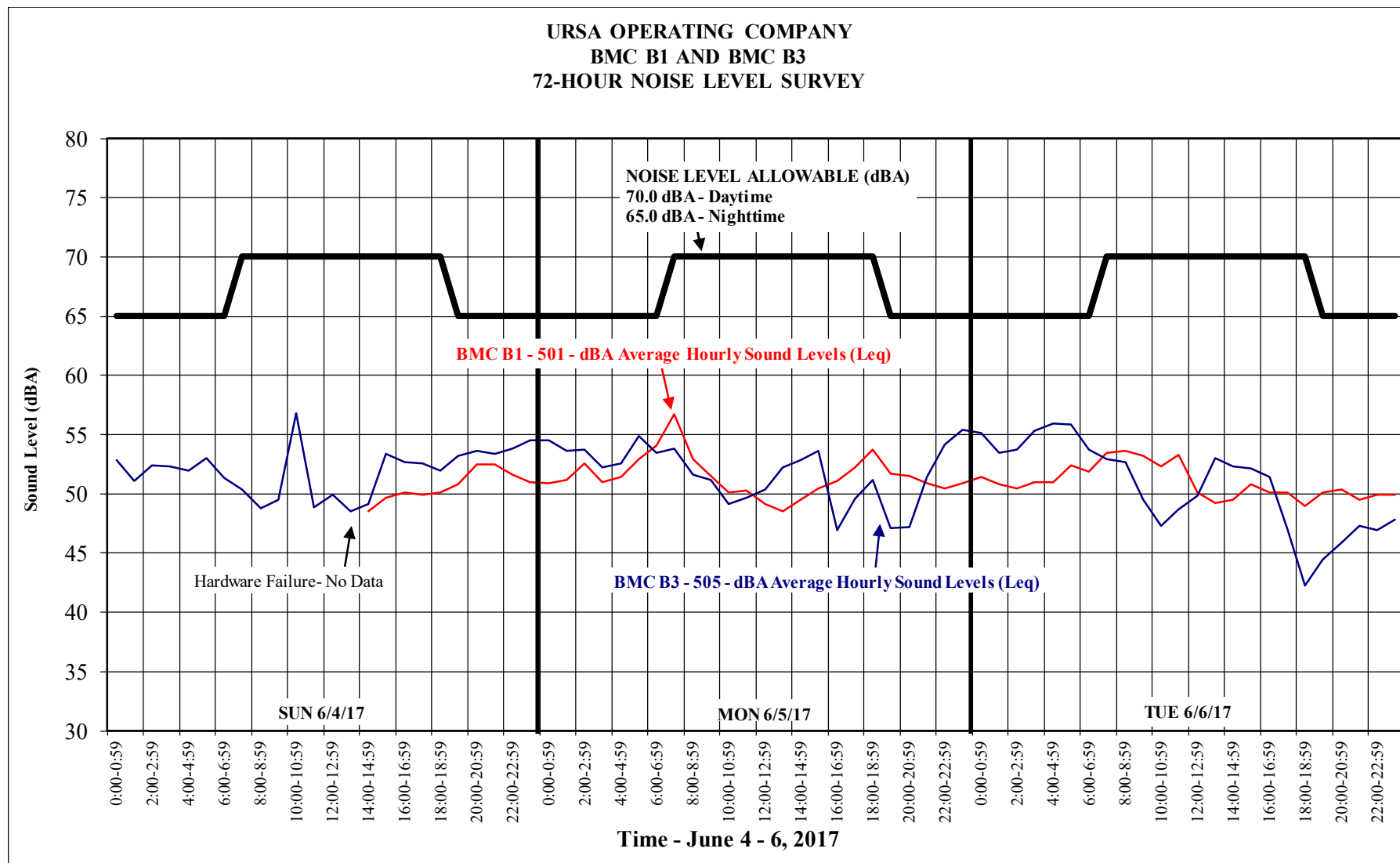
**FIGURE 2. URSA OPERATING COMPANY – BMC “B” PADSITE
NOISE MONITORING TERMINAL (NMT) LOCATION
BMC B1 – NMT 501**



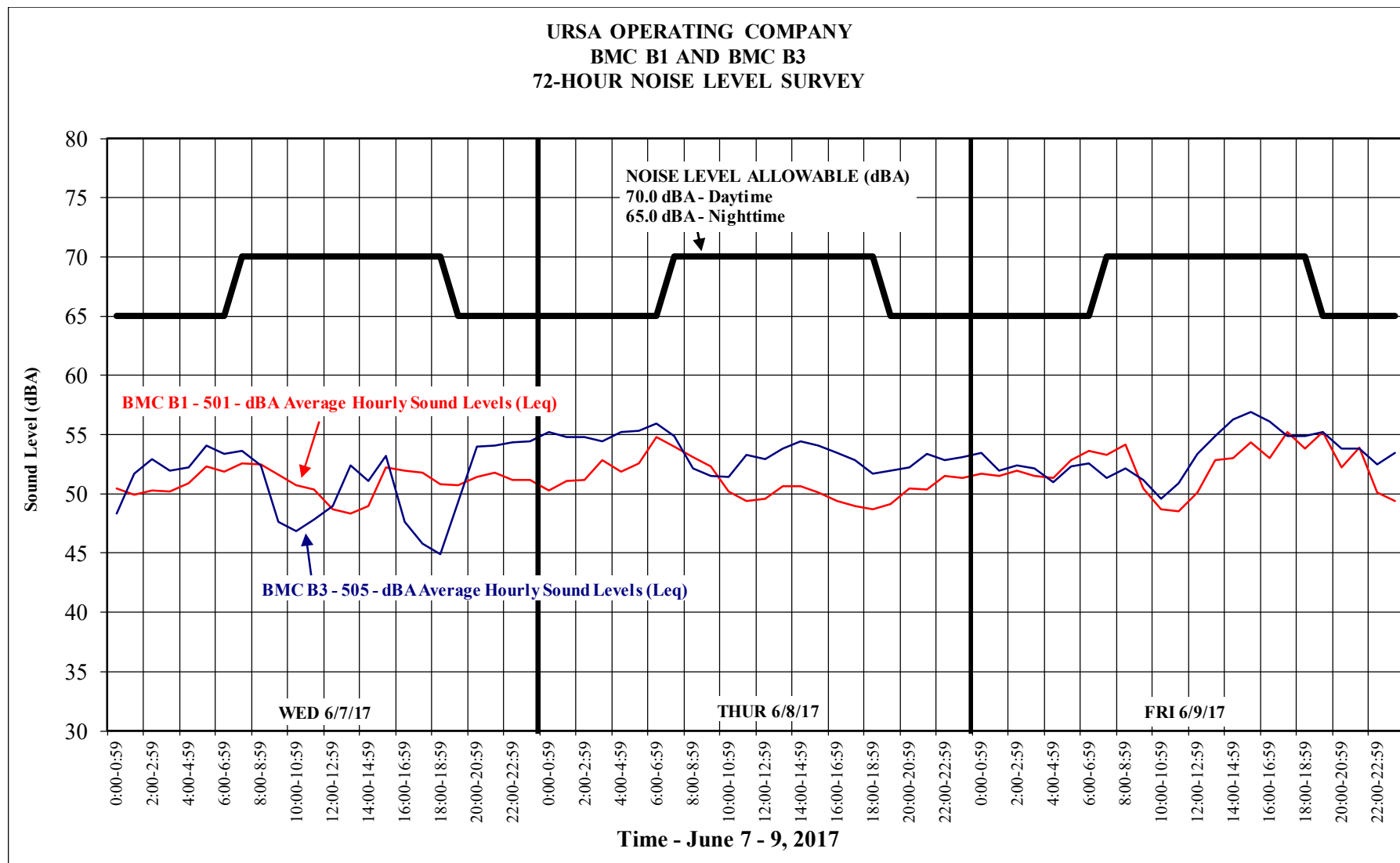
**FIGURE 3. URSA OPERATING COMPANY – BMC “B” PADSITE
NOISE MONITORING TERMINAL (NMT) LOCATION
BMC B3 – NMT 505**



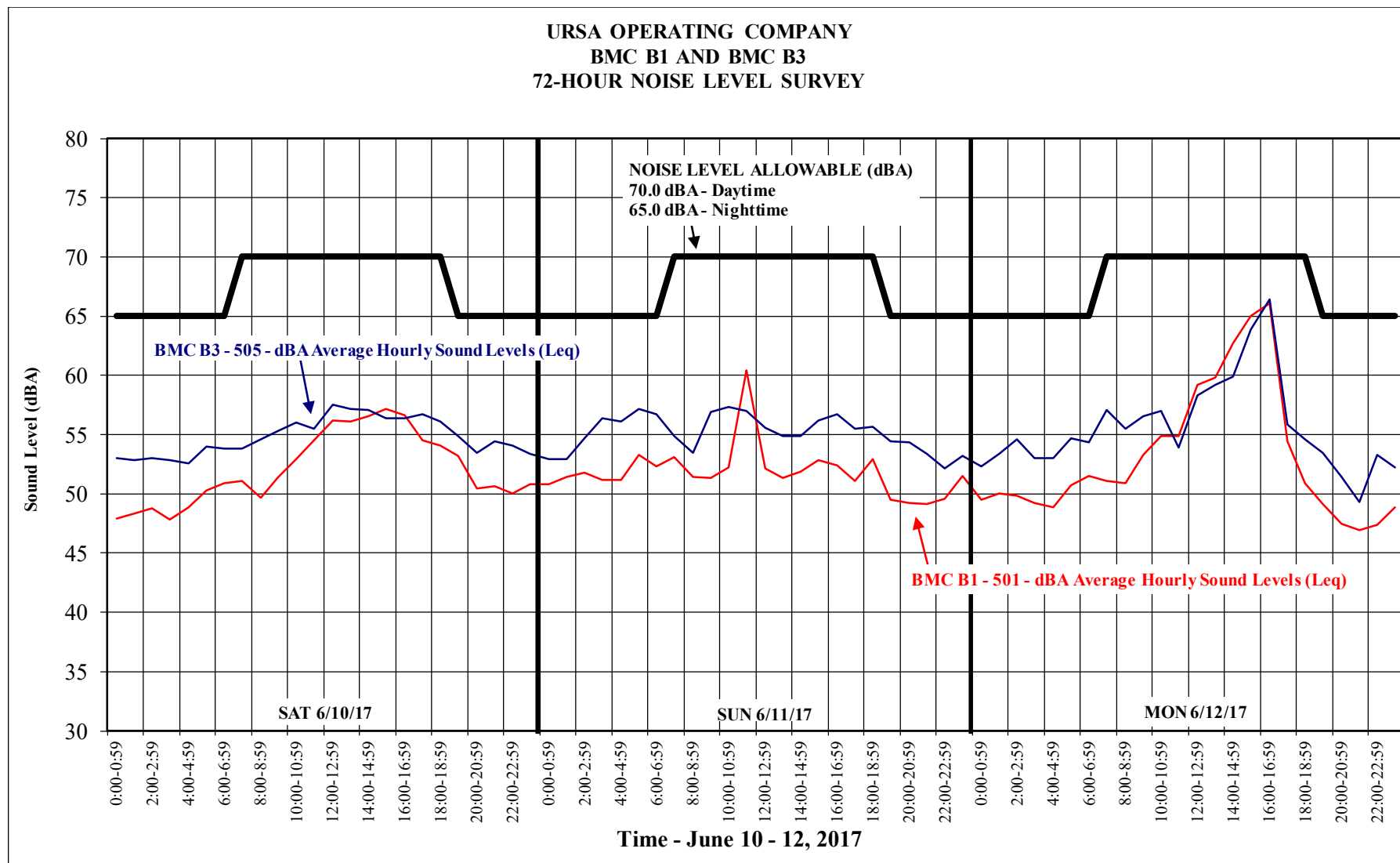
**FIGURE 4. URSA OPERATING COMPANY – BMC “D” PADSITE
72-HOUR LEQ NOISE LEVELS
BMC B1 – NMT 501 and BMC B3 – NMT 505**



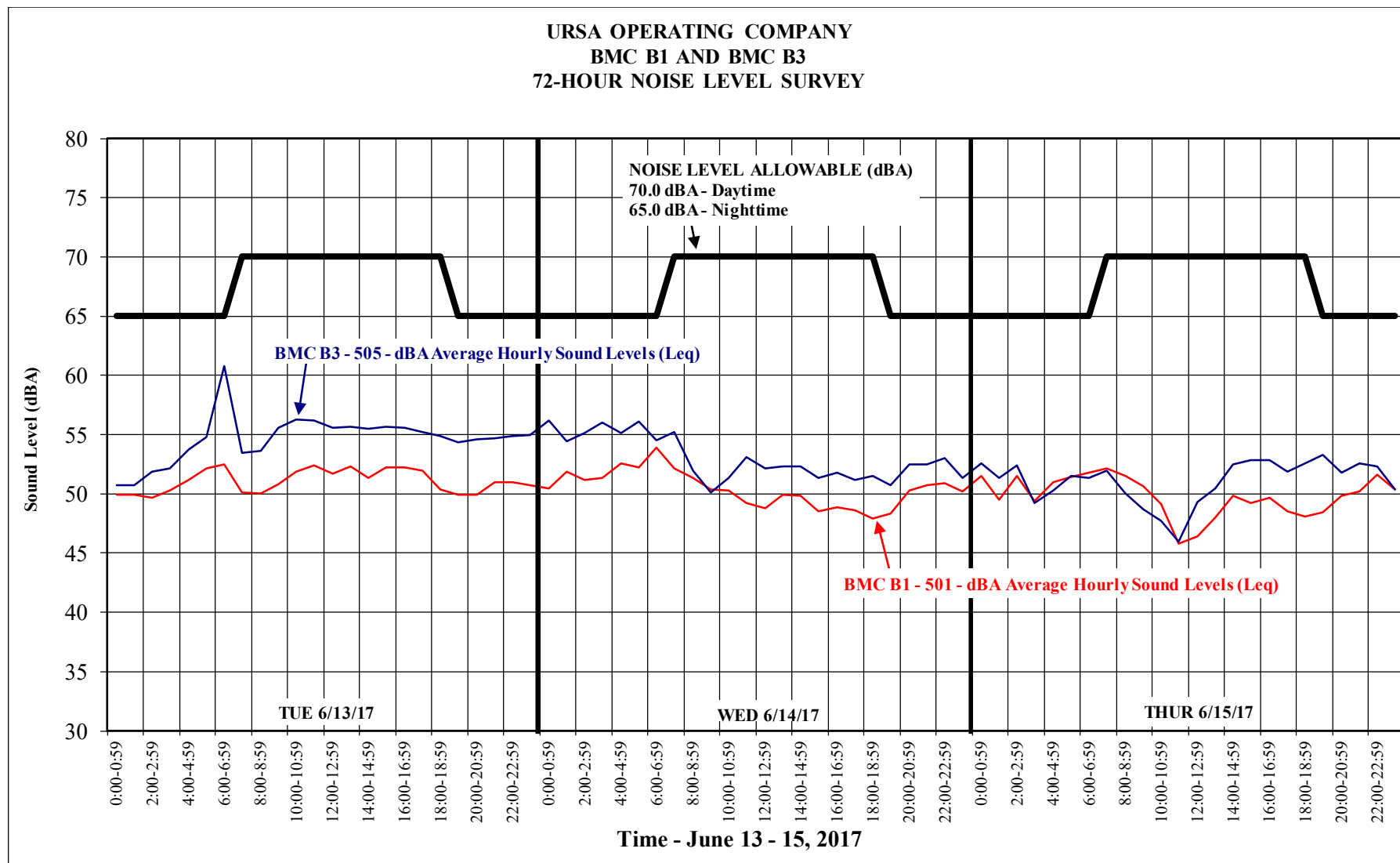
**FIGURE 4. URSA OPERATING COMPANY – BMC “D” PADSITE
72-HOUR LEQ NOISE LEVELS
BMC B1 – NMT 501 and BMC B3 – NMT 505**



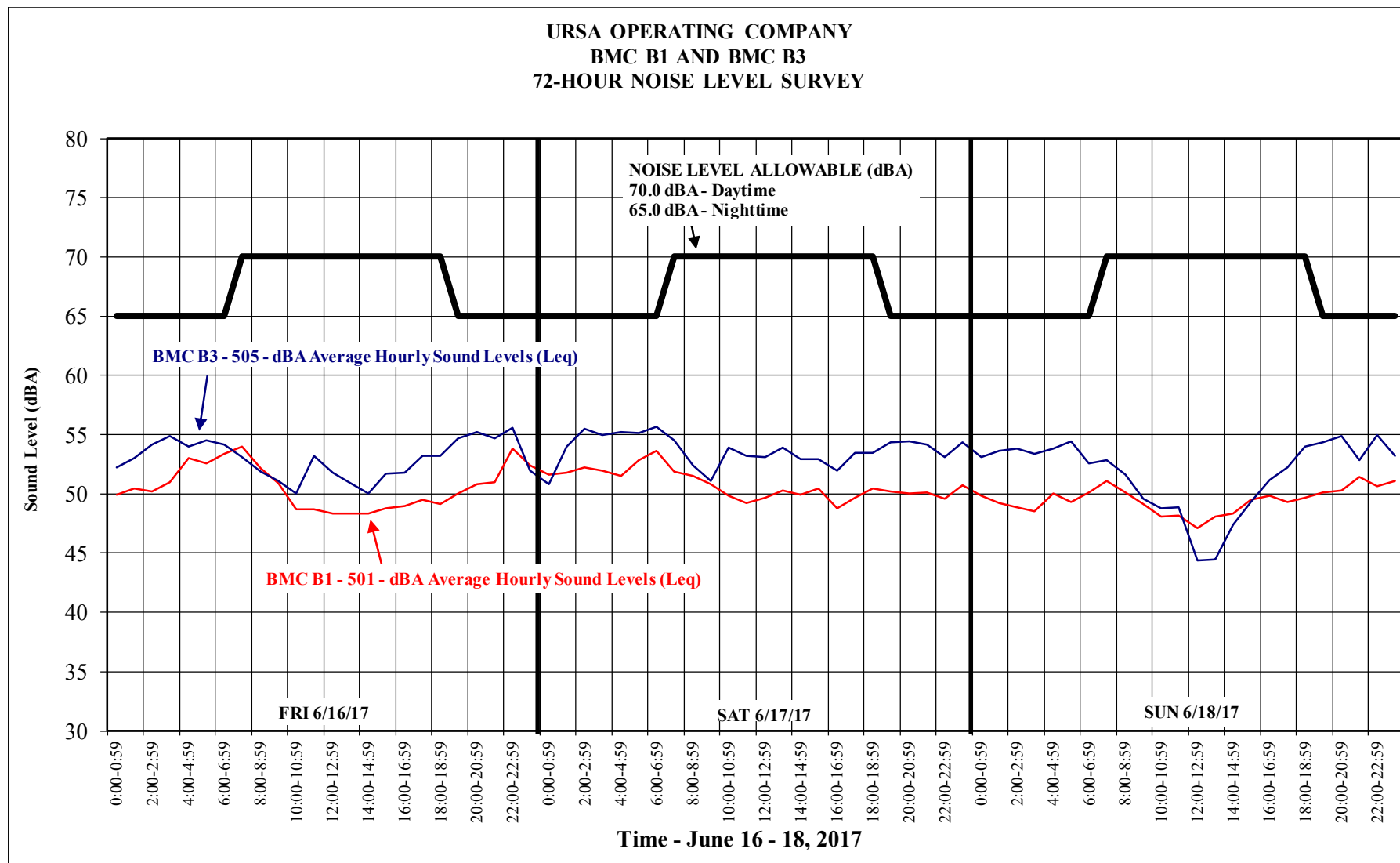
**FIGURE 4. URSA OPERATING COMPANY – BMC “D” PADSITE
72-HOUR LEQ NOISE LEVELS
BMC B1 – NMT 501 and BMC B3 – NMT 505**



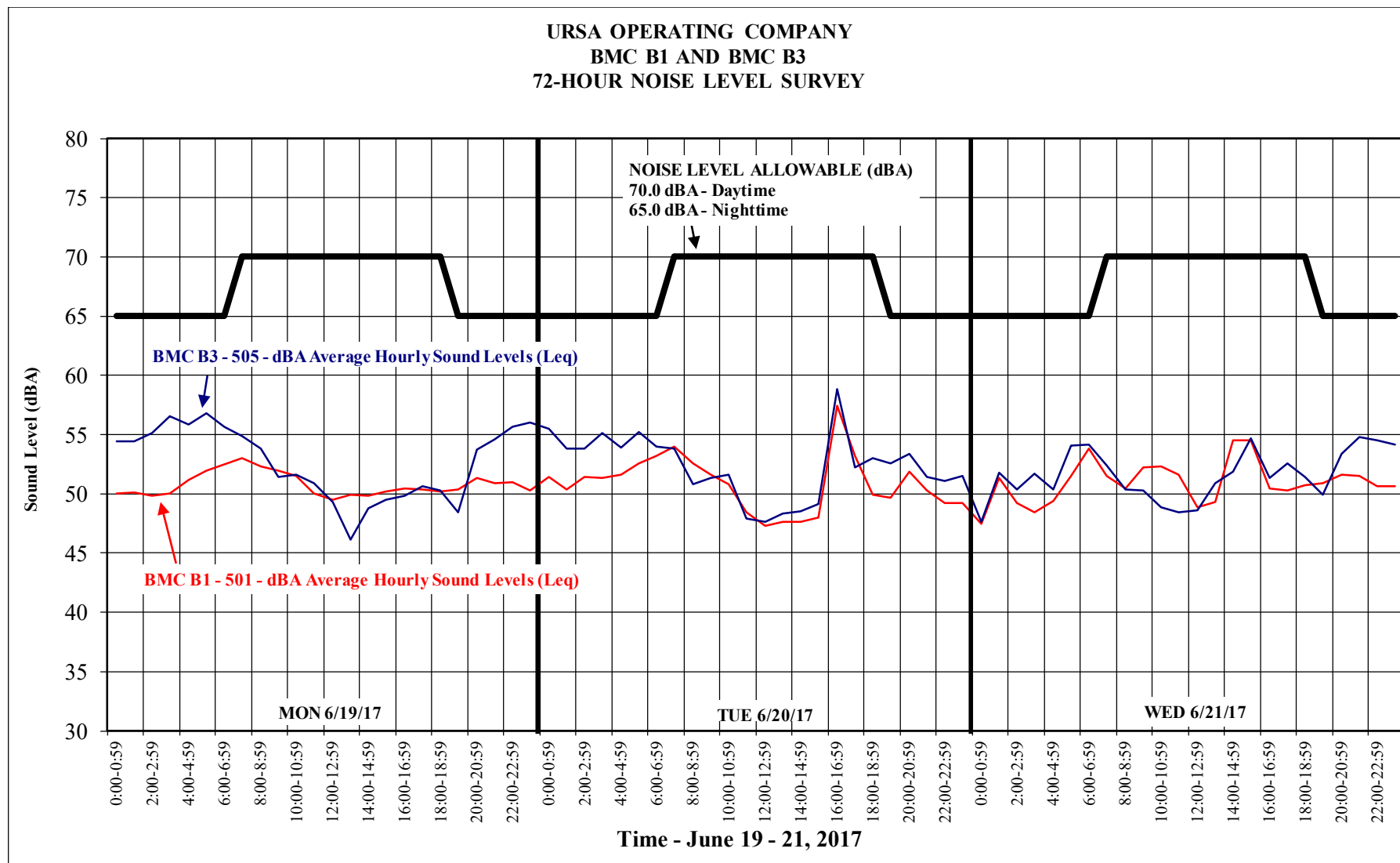
**FIGURE 4. URSA OPERATING COMPANY – BMC “D” PADSITE
72-HOUR LEQ NOISE LEVELS
BMC B1 – NMT 501 and BMC B3 – NMT 505**



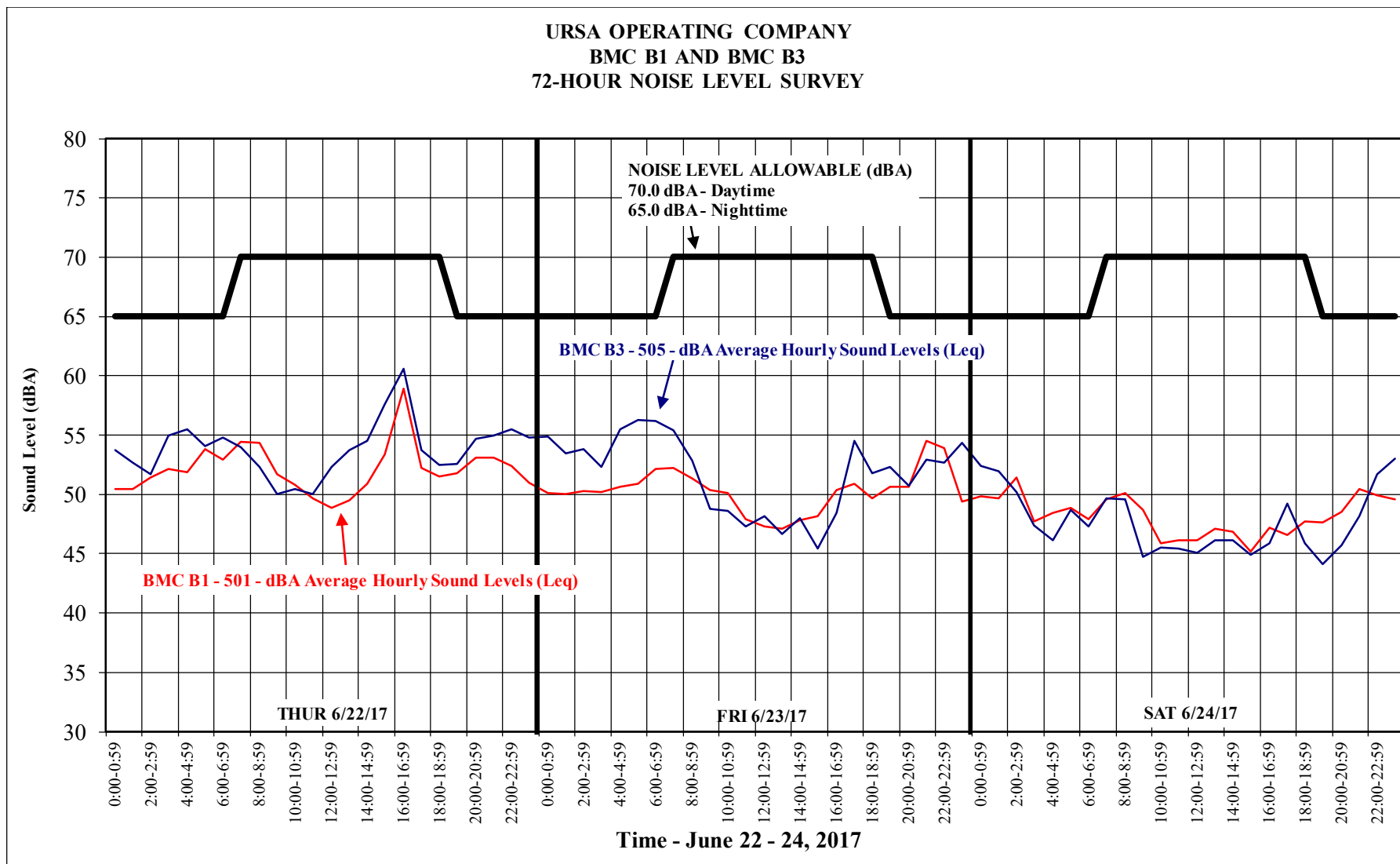
**FIGURE 4. URSA OPERATING COMPANY – BMC “D” PADSITE
72-HOUR LEQ NOISE LEVELS
BMC B1 – NMT 501 and BMC B3 – NMT 505**



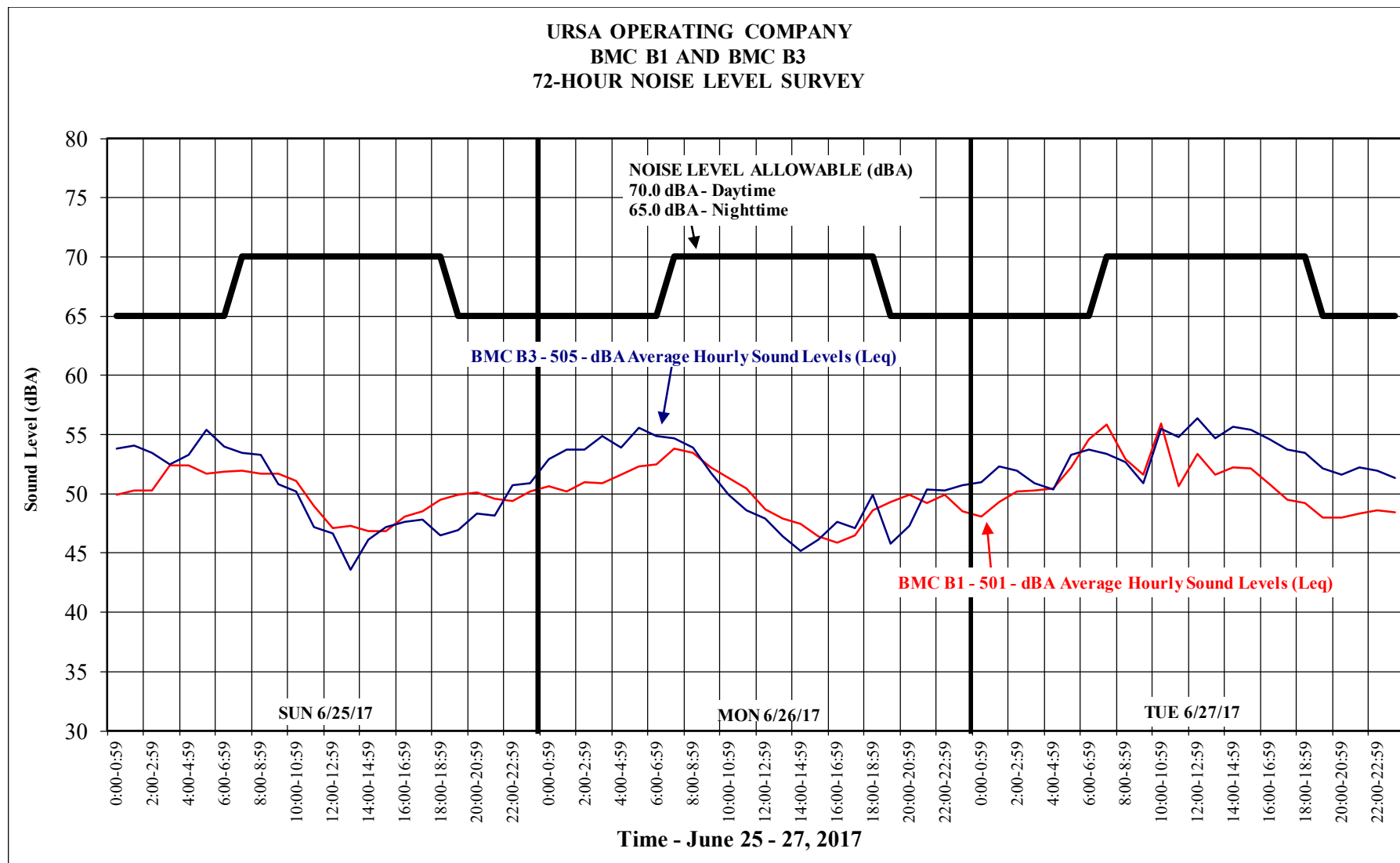
**FIGURE 4. URSA OPERATING COMPANY – BMC “D” PADSITE
72-HOUR LEQ NOISE LEVELS
BMC B1 – NMT 501 and BMC B3 – NMT 505**



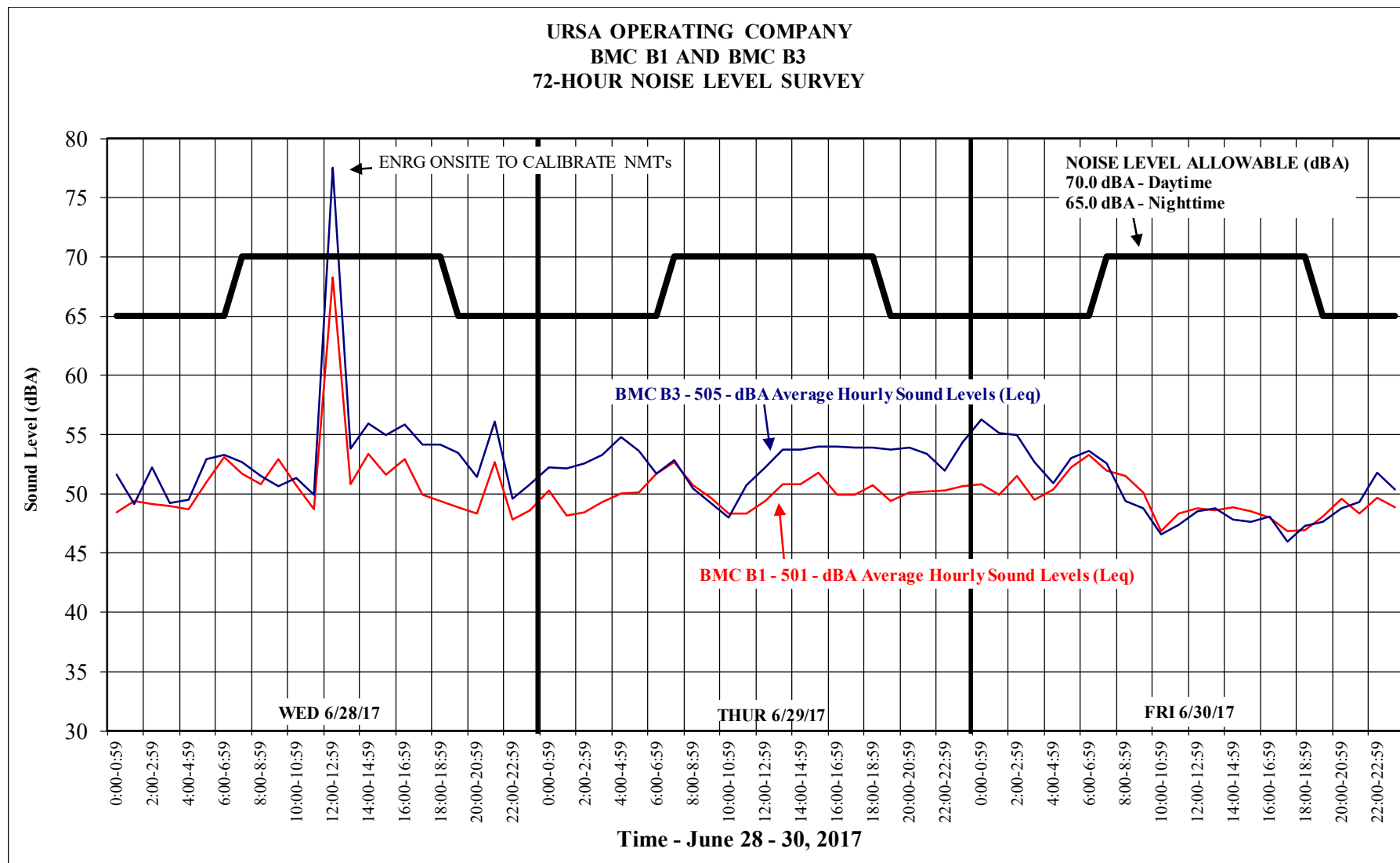
**FIGURE 4. URSA OPERATING COMPANY – BMC “D” PADSITE
72-HOUR LEQ NOISE LEVELS
BMC B1 – NMT 501 and BMC B3 – NMT 505**



**FIGURE 4. URSA OPERATING COMPANY – BMC “D” PADSITE
72-HOUR LEQ NOISE LEVELS
BMC B1 – NMT 501 and BMC B3 – NMT 505**



**FIGURE 4. URSA OPERATING COMPANY – BMC “D” PADSITE
72-HOUR LEQ NOISE LEVELS
BMC B1 – NMT 501 and BMC B3 – NMT 505**



**FIGURE 4. URSA OPERATING COMPANY – BMC “D” PADSITE
72-HOUR LEQ NOISE LEVELS
BMC B1 – NMT 501 and BMC B3 – NMT 505**