1. Name and Address of Reporting Person:  
ASLETT MARK  
50 MINUTEMAN ROAD  
ANDOVER  MA  01810

2. Issuer Name and Ticker or Trading Symbol:  
MERCURY SYSTEMS INC [ MRQY ]

3. Date of Earliest Transaction (Month/Day/Year):  
11/14/2019

4. If Amendment, Date of Original Filed (Month/Day/Year):  

5. Relationship of Reporting Person(s) to Issuer (Check all applicable):  
X Director  
X Officer (give title below): President and CEO  
10% Owner  
Other (specify below):

6. Individual or Joint/Group Filing (Check Applicable Line):  
X Form filed by One Reporting Person  
Form filed by More than One Reporting Person

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

<table>
<thead>
<tr>
<th>1. Title of Security (Instr. 3)</th>
<th>2. Transaction Date (Month/Day/Year)</th>
<th>2A. Deemed Execution Date, if any (Month/Day/Year)</th>
<th>3. Transaction Code (Instr. 4)</th>
<th>4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5)</th>
<th>5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)</th>
<th>6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)</th>
<th>7. Nature of Indirect Beneficial Ownership (Instr. 4)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Common Stock</td>
<td>11/14/2019</td>
<td>S</td>
<td>6,250</td>
<td>D</td>
<td>$72,584.9</td>
<td>D</td>
<td></td>
</tr>
<tr>
<td>Common Stock</td>
<td>11/15/2019</td>
<td>S</td>
<td>6,250</td>
<td>D</td>
<td>$72,535.3</td>
<td>D</td>
<td></td>
</tr>
</tbody>
</table>

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

<table>
<thead>
<tr>
<th>1. Title of Derivative Security (Instr. 3)</th>
<th>2. Conversion or Exercise Price of Derivative Security</th>
<th>3. Transaction Date (Month/Day/Year)</th>
<th>3A. Deemed Execution Date, if any (Month/Day/Year)</th>
<th>4. Transaction Code (Instr. 8)</th>
<th>5. Number of Derivative Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5)</th>
<th>6. Date Exercisable and Expiration Date (Month/Day/Year)</th>
<th>7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)</th>
<th>8. Price of Derivative Security Beneficially Owned Following Reported Transaction(s) (Instr. 4)</th>
<th>9. Number of Derivative Securities Beneficially Owned Following Exercisable Date of Derivative Security (Instr. 4)</th>
<th>10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)</th>
<th>11. Nature of Indirect Beneficial Ownership (Instr. 4)</th>
</tr>
</thead>
</table>

Explanation of Responses:
1. Pursuant to a 10b5-1 stock trading plan established on August 5, 2019.  
2. The price reported in Column 4 is a weighted average price. These shares were sold in multiple transactions at prices ranging from $71.84 to $73.085, inclusive.  
3. The price reported in Column 4 is a weighted average price. These shares were sold in multiple transactions at prices ranging from $72.16 to $73.37, inclusive.

Remarks:

** Signature of Reporting Person  
Date

/s/ Michelle McCarthy  
Attorney-in-Fact for ASLETT MARK  
11/18/2019  

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.  

* If the form is filed by more than one reporting person, see Instruction 4 (b)(v).  
Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.