Mini U-Talk commands set for small supervision application

<table>
<thead>
<tr>
<th>Cmde</th>
<th>Description</th>
<th>Answer</th>
<th>Unit of the returned value</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Enable character echo</td>
<td>No answer</td>
<td></td>
</tr>
<tr>
<td>Ax 1</td>
<td>Open U-Talk dialog</td>
<td>No answer</td>
<td></td>
</tr>
<tr>
<td>Si</td>
<td>System identifier</td>
<td>Data1 Data2 Data3</td>
<td>Family Type SoftLevel</td>
</tr>
<tr>
<td>Si1</td>
<td>System identifier (ASCII string expected)</td>
<td>Data1 Data2 Data3</td>
<td>Self documented answer</td>
</tr>
<tr>
<td>Sm data</td>
<td>Set delay before Power On</td>
<td>OK</td>
<td>0 &lt;= minutes &lt;= 65535</td>
</tr>
<tr>
<td>Sn data</td>
<td>Set remote shutdown delay</td>
<td>OK</td>
<td>0 &lt;= secondes &lt;= 65535</td>
</tr>
<tr>
<td>Ss</td>
<td>System status</td>
<td>Status1</td>
<td>See below</td>
</tr>
<tr>
<td>Sx 0</td>
<td>UPS off</td>
<td>OK</td>
<td></td>
</tr>
<tr>
<td>Z</td>
<td>Disable character echo</td>
<td>No answer</td>
<td></td>
</tr>
</tbody>
</table>

Any commands ? means unrecognized command

Ss answer explanation : 0xx00000x is normal value bit0 is on the right. bit7 is on the left.

Bits meanings :

- bit0 : not used
- bit1 : UPS overload
- bit2 : working on battery
- bit3 : End of battery operation prealarm
- bit4 : battery fault
- bit5 : not used
- bit6 : not used
- bit7 : UPS alarm

Typical monitoring sequence : (initialization and monitoring)

Z
Ax 1
Si
Si1
Ss
Ss
Ss
Ss
And so on

Typical shutdown sequence :

Sm 31
Sn 1800
Sx 0

Nota bene : this U-Talk mini set corresponds to ES+ UPSs. Some UPSs may include more than this commands. Current list is not exhaustive. U-Talk commands are ended by <LineFeed> character.