

<b>Use Case Name:</b> Enter data	<b>Use Case Number:</b> 1	<b>Priority:</b> High
<b>Primary Actor:</b> Operator, System	<b>Use Case Type:</b> Detail, essential	
<b>Stakeholders and Interests:</b>		
<p><b>Operator:</b> enables the system to safely run the ship according to the settings</p> <p><b>System:</b> receives data necessary to operate</p> <p><b>Database:</b> interacts with the user – provides possible values and saves entered data</p>		
<b>Brief description:</b> This UC describes basic actions taken to set-up the system by the operator: setting up the route and cruise parameters.		
<b>Trigger:</b> Operator	<b>Type:</b> External	
<b>Relationships:</b>		
<p style="padding-left: 40px;"><b>Association:</b> Database</p> <p style="padding-left: 40px;"><b>Include:</b></p> <p style="padding-left: 40px;"><b>Extend:</b></p> <p style="padding-left: 40px;"><b>Generalisation:</b></p>		
<b>Normal Flow of Events:</b>		
<ol style="list-style-type: none"> <li>1. Operator pushes one of the “SET” pushbuttons depending on the value he wants to set;</li> <li>2. The System displays prompt screen with possible values and allows to type-in the values using the Numeric Keyboard;</li> <li>3. When done, Operator pushes APPLY button and the Console stores data in memory or RESET to abort entering new data; <ul style="list-style-type: none"> <li>• if APPLY: S1;</li> <li>• if RESET: S2;</li> </ul> </li> <li>4. The Operator pushes any of the SET or DONE or RESET pushbuttons; <ul style="list-style-type: none"> <li>• if SET – normal flow (1);</li> <li>• if DONE – normal flow (5);</li> <li>• if RESET – end of Use Case;</li> </ul> </li> <li>5. New data is sent to the database;</li> <li>6. Confirmation of new settings is displayed</li> </ol>		
<b>Subflows:</b>		
<p>S1:</p> <ul style="list-style-type: none"> <li>• new data are checked against possible values</li> <li>• if correct they are saved in Console's memory as new, if incorrect notification is displayed;</li> </ul> <p>S2:</p> <ul style="list-style-type: none"> <li>• new data are not stored in Console's memory; proceed to step 4. of Normal Flow.</li> </ul>		
<b>Alternate/Exception Flows:</b>		
<p>Ex.2 or Ex. 4: Two buttons are pressed simultaneously – a beep is sounded and no character input</p> <p>Ex. 5: database cannot accept data – warning is issued</p>		