

## STEP 1

### RUL ANALYSIS

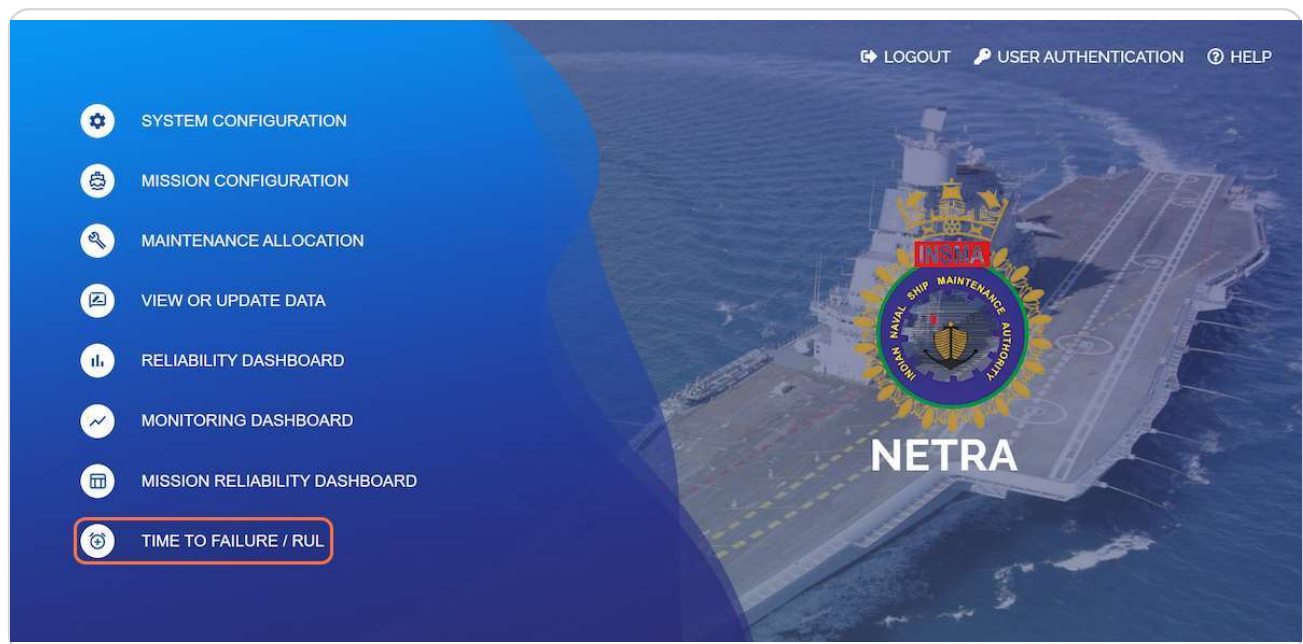
## PRELIMINARY STEPS FOR RUL

6 Steps [↗](#)

1. Fill the Data in View Or Update Data / Add Sensor Data
  2. Follow the below guide
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## STEP 2

Click on **TIME TO FAILURE / RUL**



STEP 3

Select the component for RUL Calculation

Select Component

SHIP 1

GT 1

Select Parameter

Time Till Failure/RUL

P:0

F:0

CALCULATE

STEP 4

Select Parameter

Select Parameter

Temperature

Pressure

CALCULATE RUL

e Till Failure/RUL

## STEP 5

Click on **CALCULATE RUL**

The screenshot shows a web application interface. On the left is a blue sidebar with icons for home, settings, a list, a document, and a search. The main content area has a top section with dropdown menus for Ship Name, Ship Category, Ship Class, Command, Department, Equipment Name, and Nomenclature, followed by a SUBMIT button. Below this is a section titled 'Time Till Failure/RUL' with an information icon. It contains a 'Select Component' dropdown (GT 1), a 'Select Parameter' dropdown (Temperatu x), and a CALCULATE RUL button. Below the dropdowns are two boxes for P:0 and F:0, and a CALCULATE button. A large blue rectangle is overlaid on the left side of the 'Time Till Failure/RUL' section.

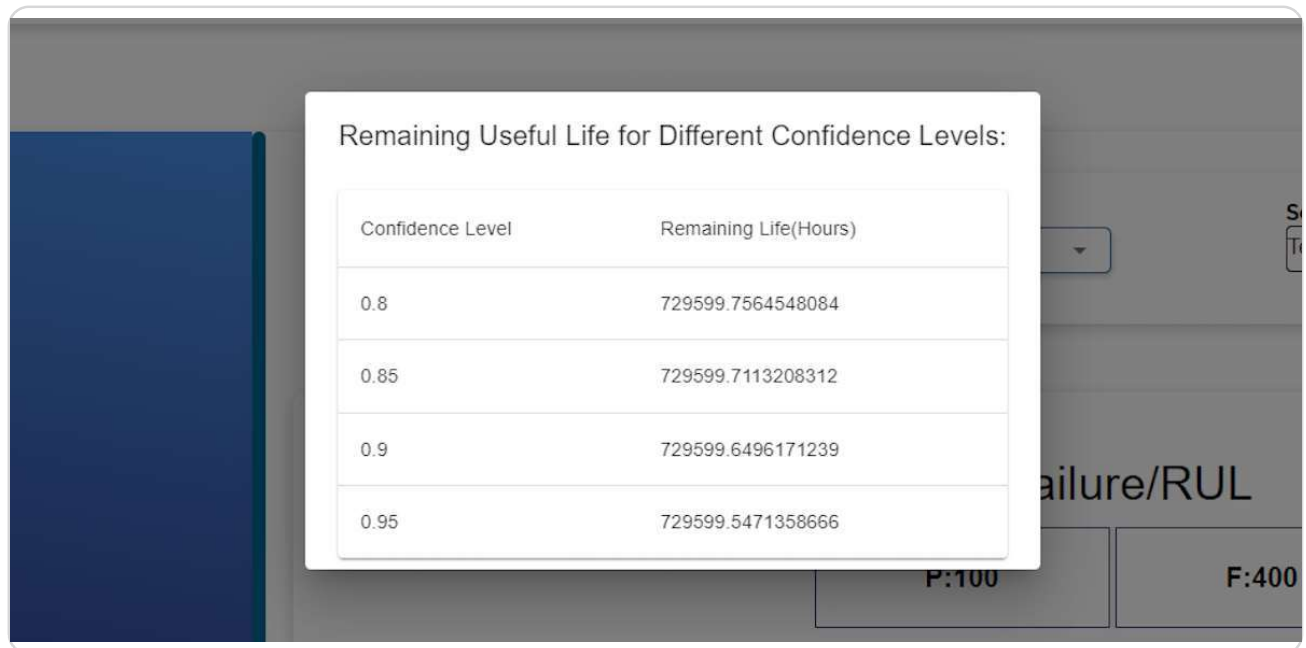
## STEP 6

It Shows P & F values of the selected Parameter

The screenshot shows the 'Time Till Failure/RUL' section of the application. It displays the title 'Time Till Failure/RUL' with an information icon. Below the title are two boxes showing the values 'P:100' and 'F:400'. At the bottom of this section is a large, dark blue button with the text 'CALCULATE'.

## STEP 7

Click on Calculate Button it shows RUL for 0.8, 0.85, 0.9, 0.95 confidence levels



The screenshot shows a software interface with a modal window titled "Remaining Useful Life for Different Confidence Levels:". The modal contains a table with two columns: "Confidence Level" and "Remaining Life(Hours)". The table lists four rows of data for confidence levels 0.8, 0.85, 0.9, and 0.95. In the background, parts of the main interface are visible, including a dark blue sidebar, a dropdown menu, and labels like "Failure/RUL", "P:100", and "F:400".

Confidence Level	Remaining Life(Hours)
0.8	729599.7564548084
0.85	729599.7113208312
0.9	729599.6496171239
0.95	729599.5471358666