
BAKIM
ÇUKUROVA
TPÇS
ENDÜSTRİ TESİSLERİNDE
1-2 EKİM 2026
Adana HiltonSA Otel
KONTROL
MEDYA

Ultrasound – case-by-case
Technology implementation vs. Technology purchase

KONTROL MEDYA
SEMPOZYUM VE FUAR

Haris Trobradovic
SDT Ultrasound

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Member of I-care

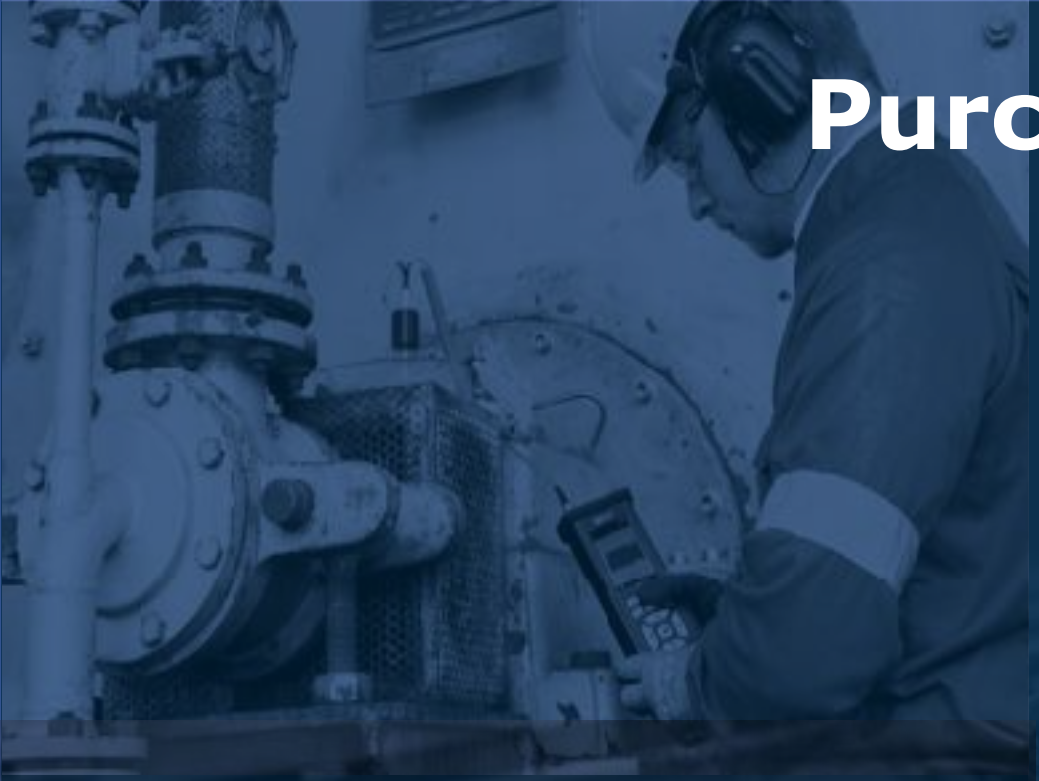
Purchasing or implementing?

Buying:

- There must be a shelf with all the devices that were bought and never used

- That shelf **stops management from supporting your new ideas**

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Protecting what matters



Purchasing or implementing?

Implementing:

- It is no longer “a device” or technology
- It becomes **instinctive behaviour**

- Implementation is a process that requires **much more than engineering skills**
- Culture change, Mindset change, Motivation, Involvement, Ownership …

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Implementation sustains

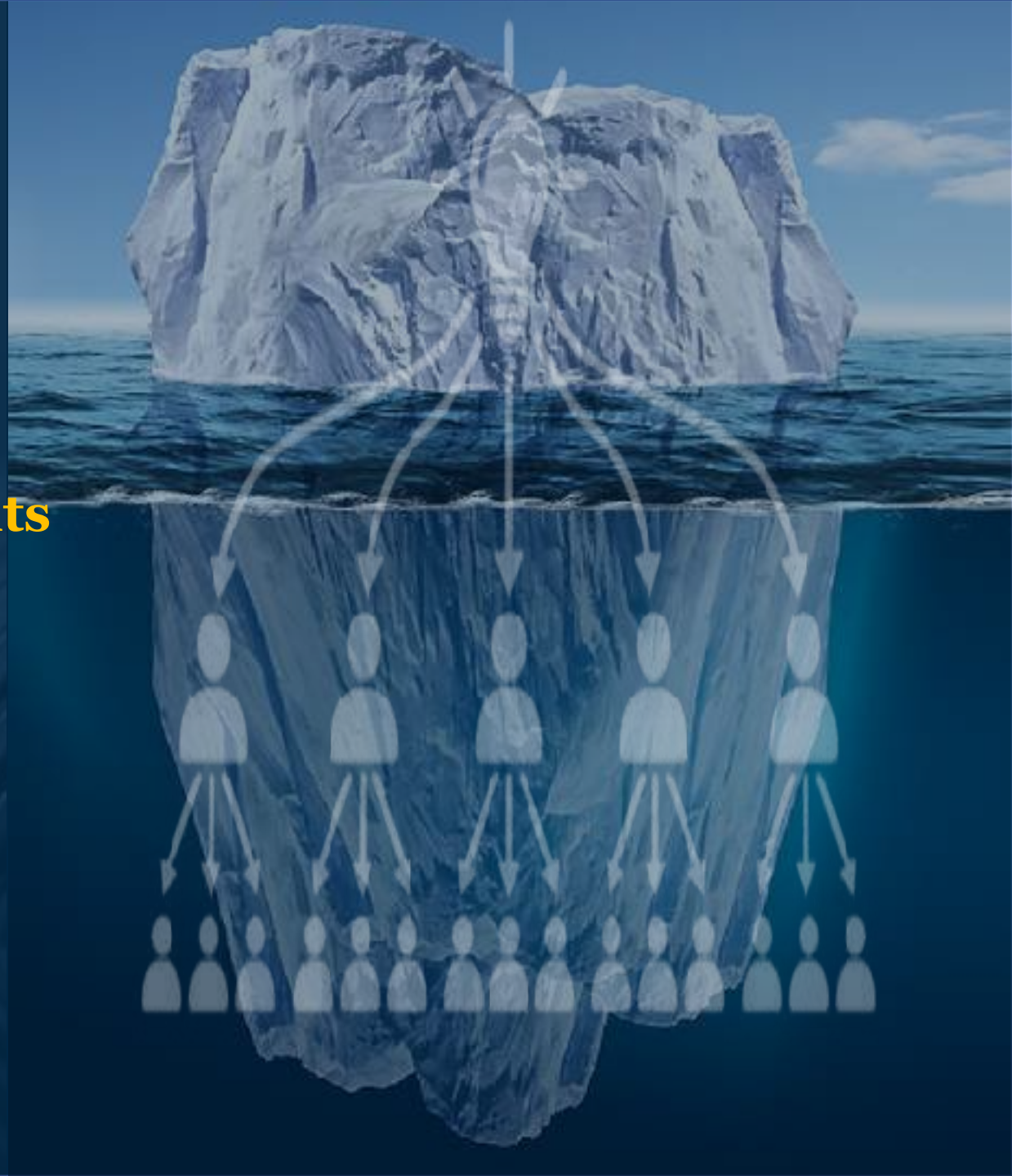
Long term, exhausting process, but:

- You may lose some people from your team
- You may suffer reorganizational changes

- Implemented practice **WILL SURVIVE**
- It is part of the *"this is how we do things here"*

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- Technology purchase
- Training
- Implementation
  - Involving more people
  - Spreading across departments
  - Building best practices
  - Justifying through benefits
- Support and adjustments



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“Good Catch”

Valuable, impressive, heroic

- Is this how we measure implemented technology?

- If that is the case, **implementation failed**

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“All FINE”

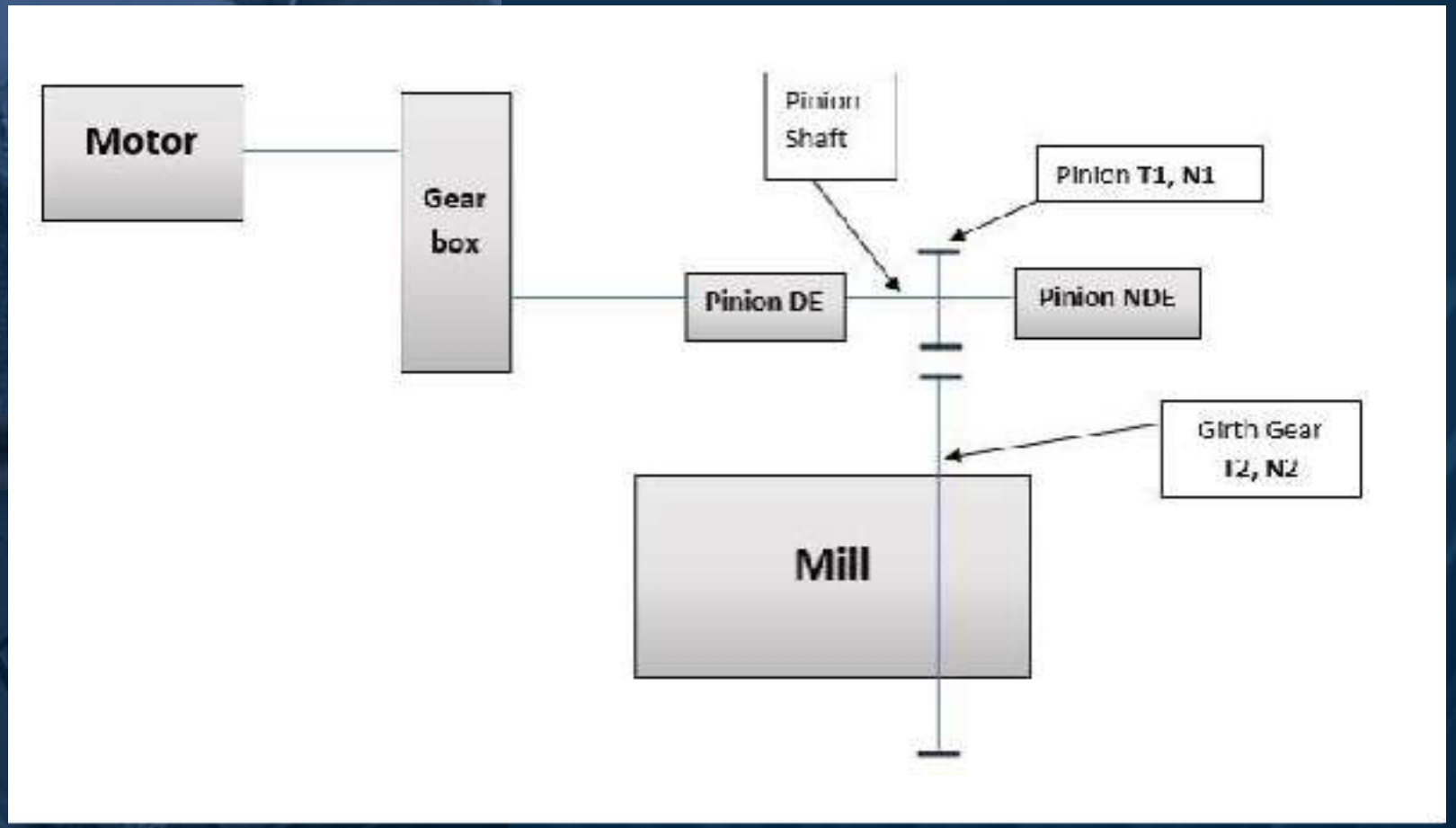
Not impressive, sometimes boring

- But the problems are **being eliminated**

- This is the case of **successful implementation**

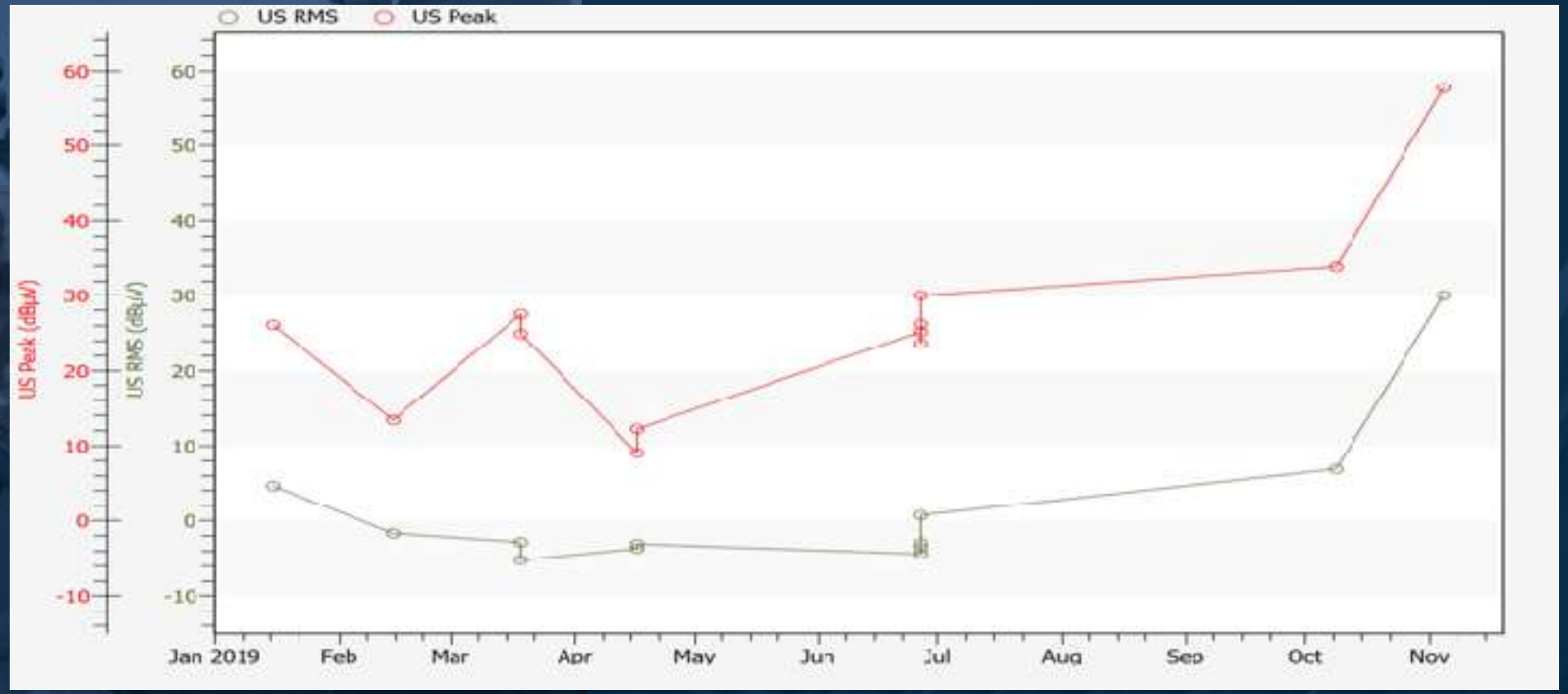
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Aluminum facility – asset layout



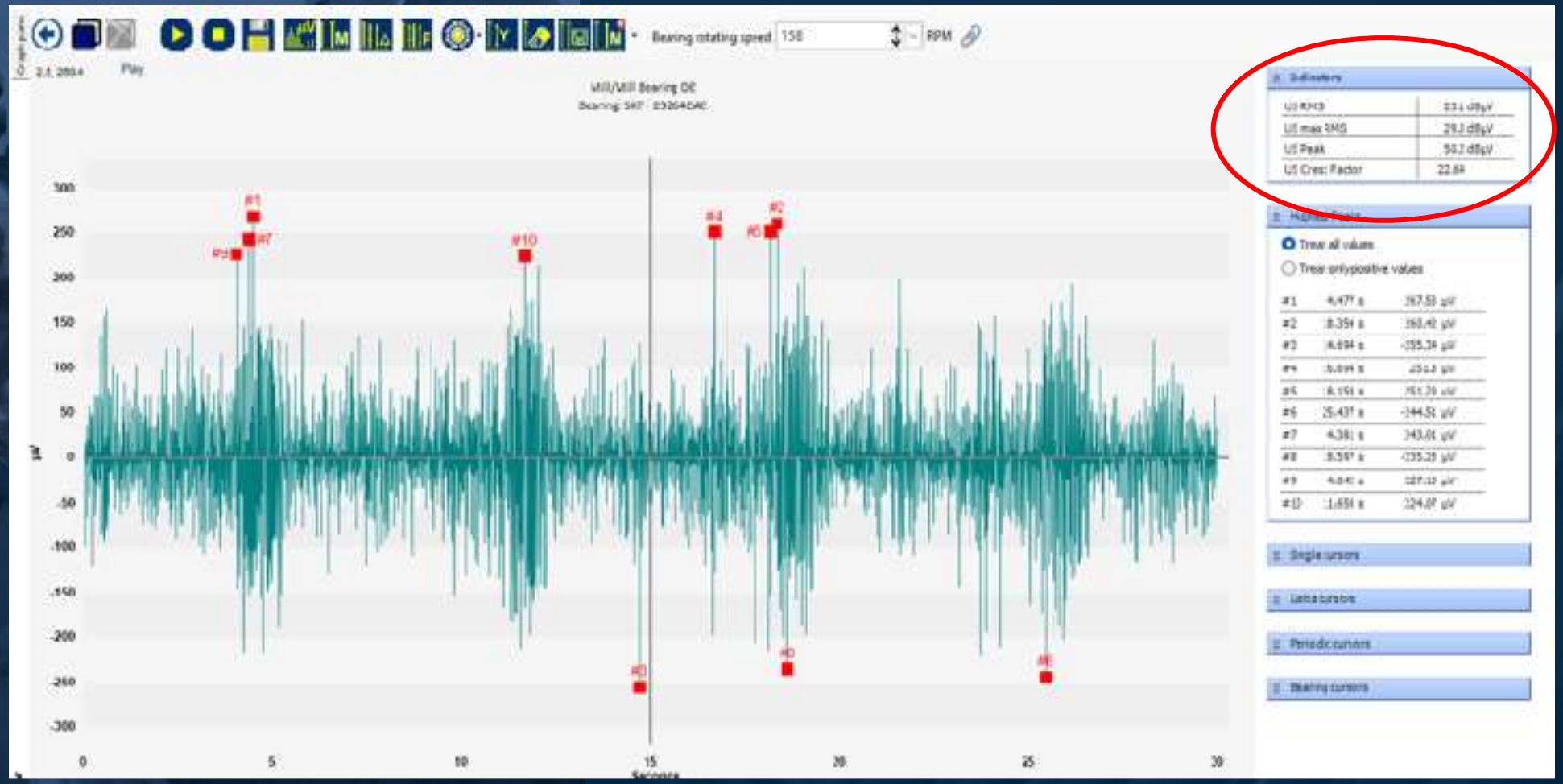
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Trend



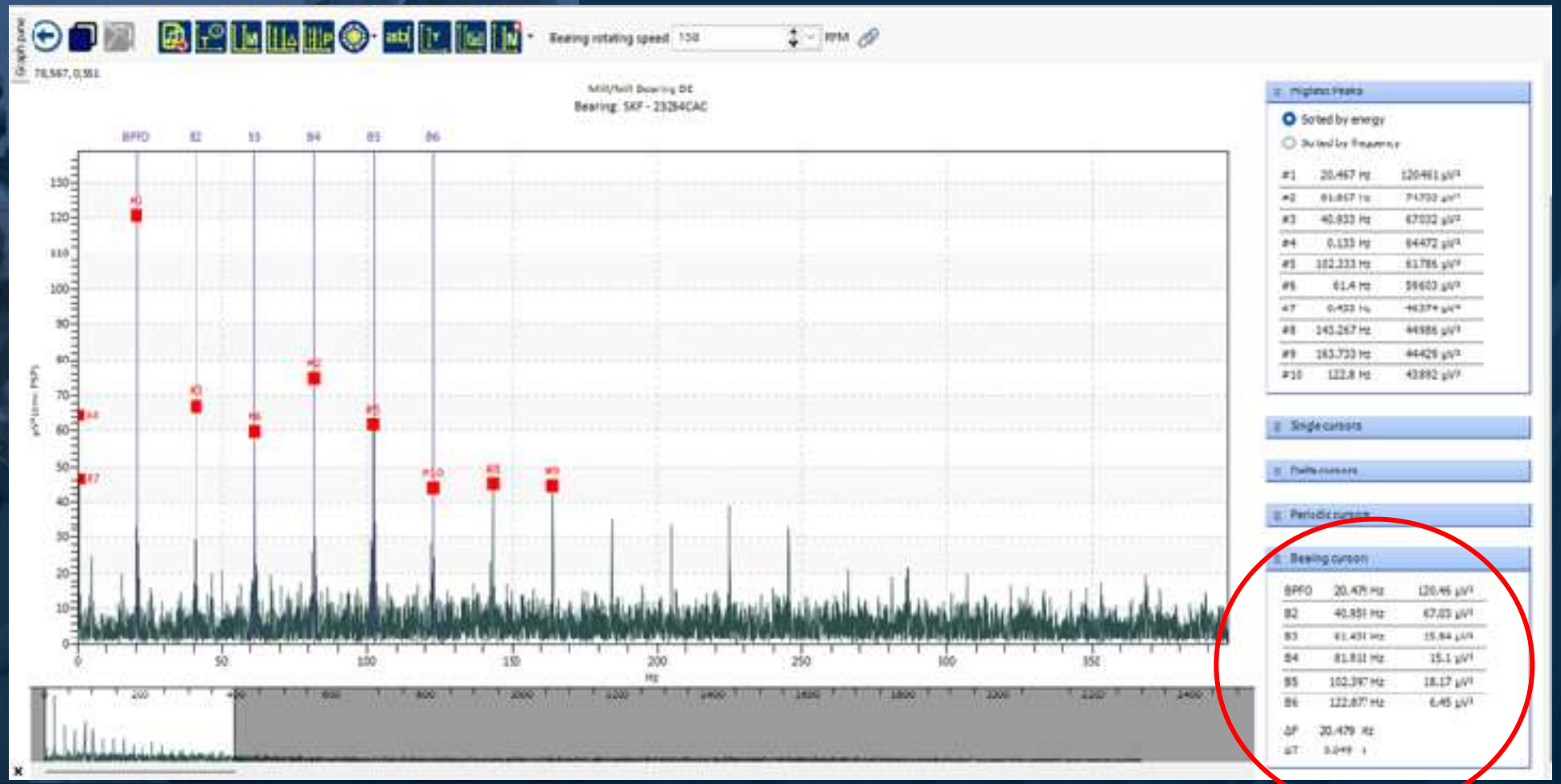
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Signal - October



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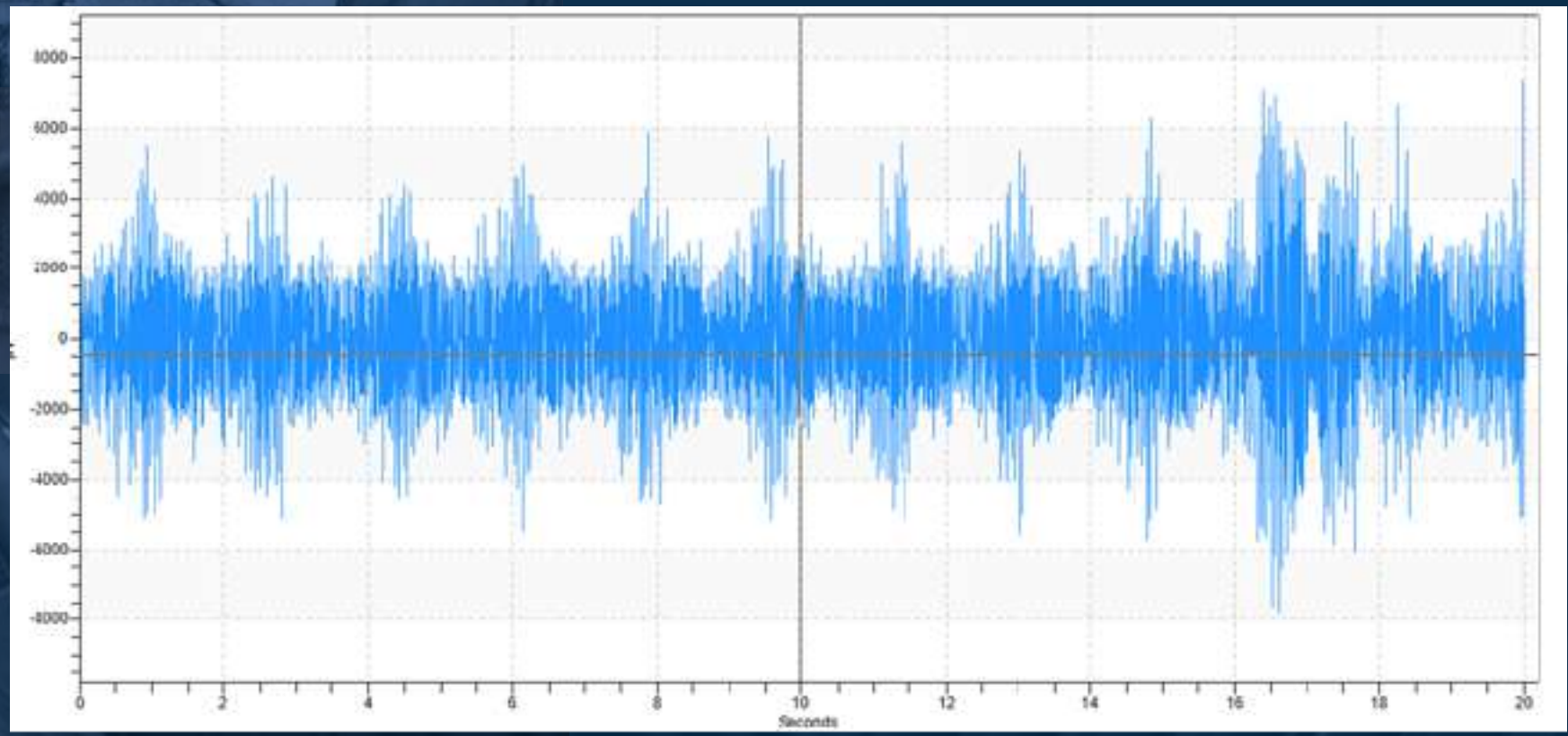
Signal - October



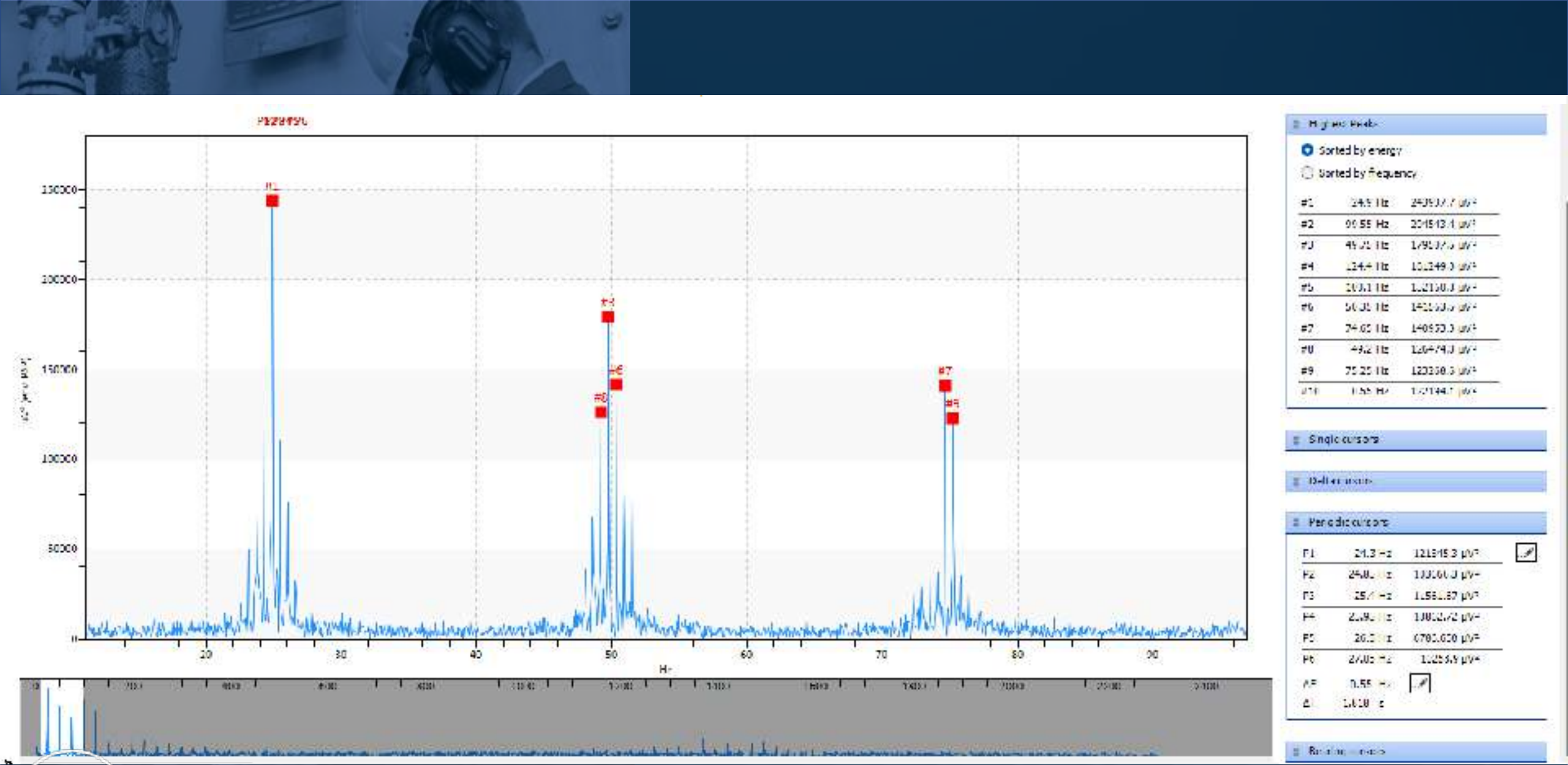
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GOOD CATCH!

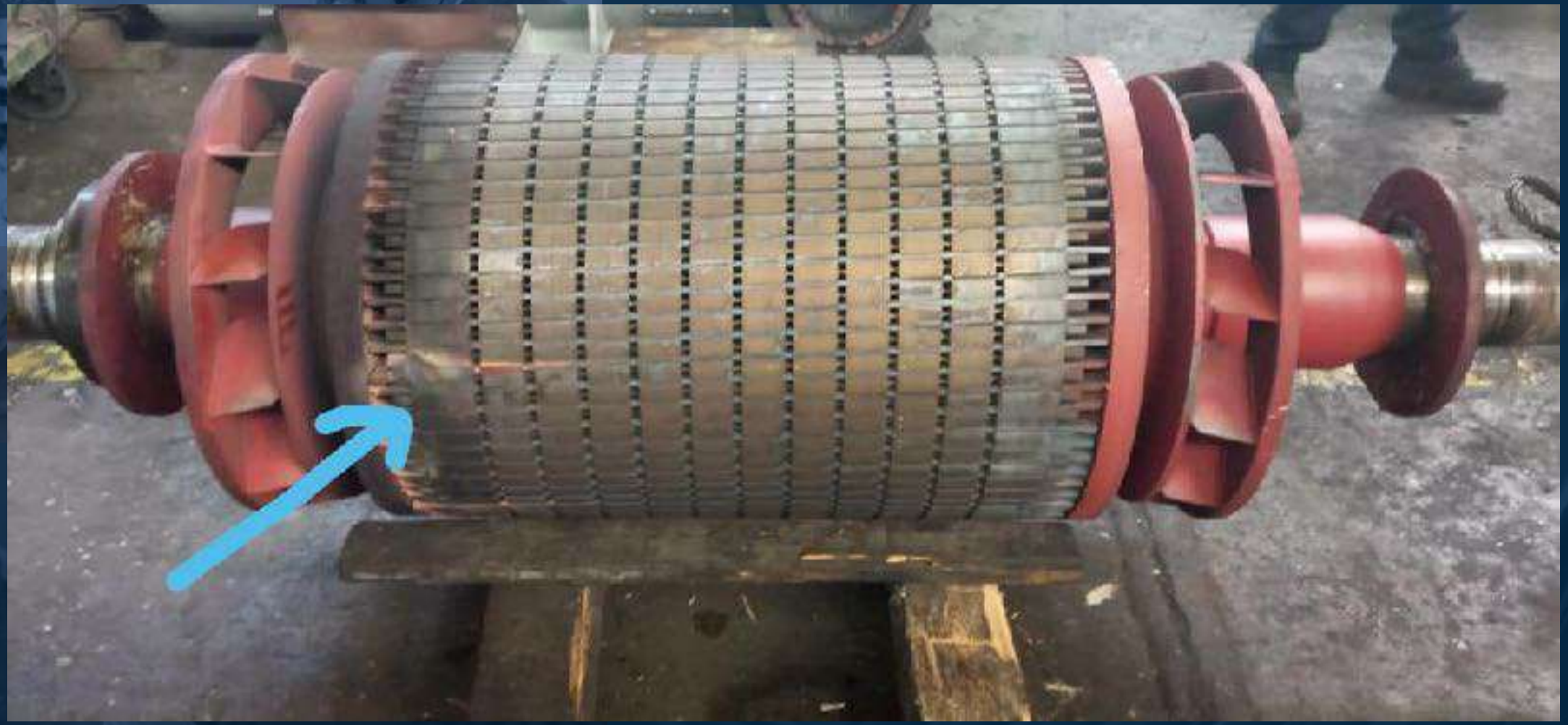
Steel Mill – broken rotor bar



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GOOD CATCH!

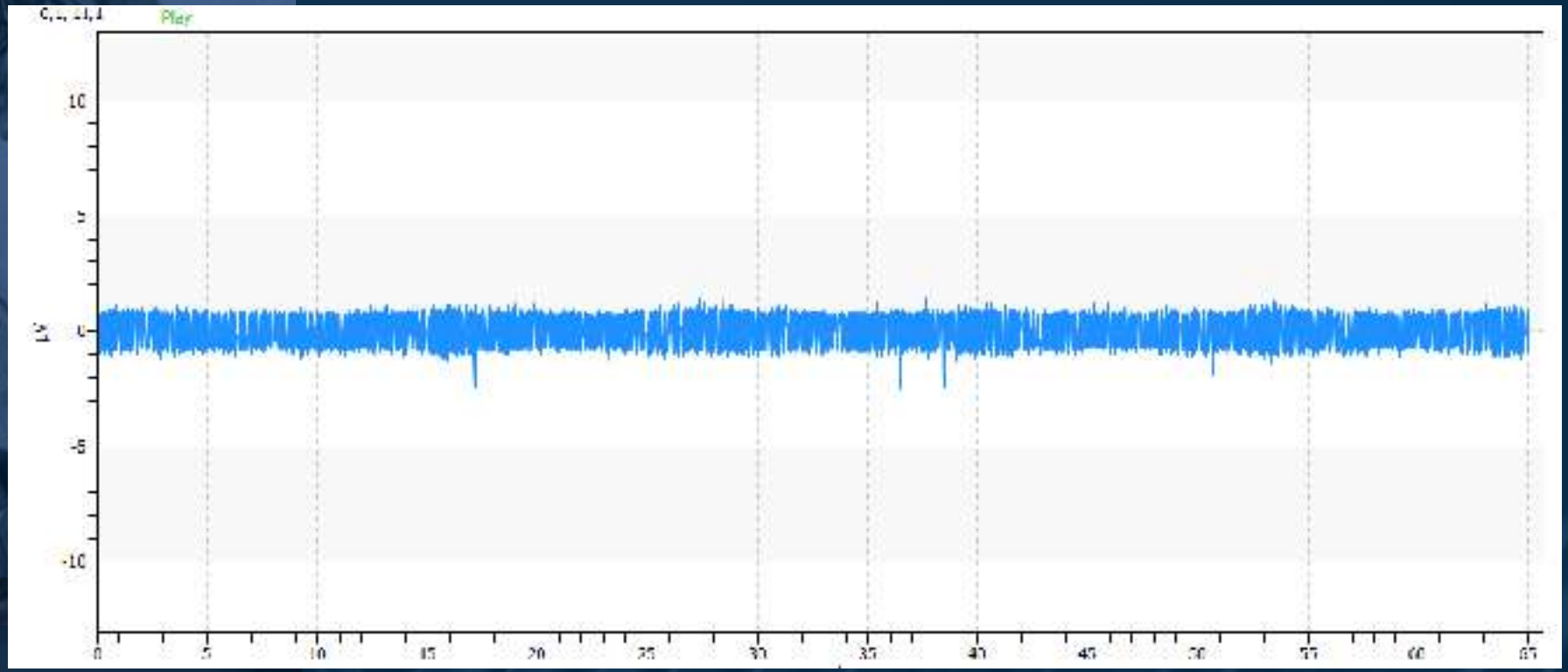


- Very attractive findings!
- Exciting
- Engineering marvels
- CM engineers are proud of that

- A real Reliability engineer is looking for something else:

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	Level Name
	Normal
	Normal
	Normal
	Normal
	Normal
	Normal
	Normal
	Normal
	Normal
	Normal
	Normal
	Normal
	Normal
	Normal
	Normal
	Normal





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BORING!

CONFIRMATION THAT EVERYTHING IS FINE

- This is a definition of success
- It does not diminish CM work
- It shows that improvements worked

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Who did it?

CM team

in cooperation with

Lubrication team

in cooperation with

Maintenance team

in cooperation with

Process team & operators

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Who did it?

CM team

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Maintenance team

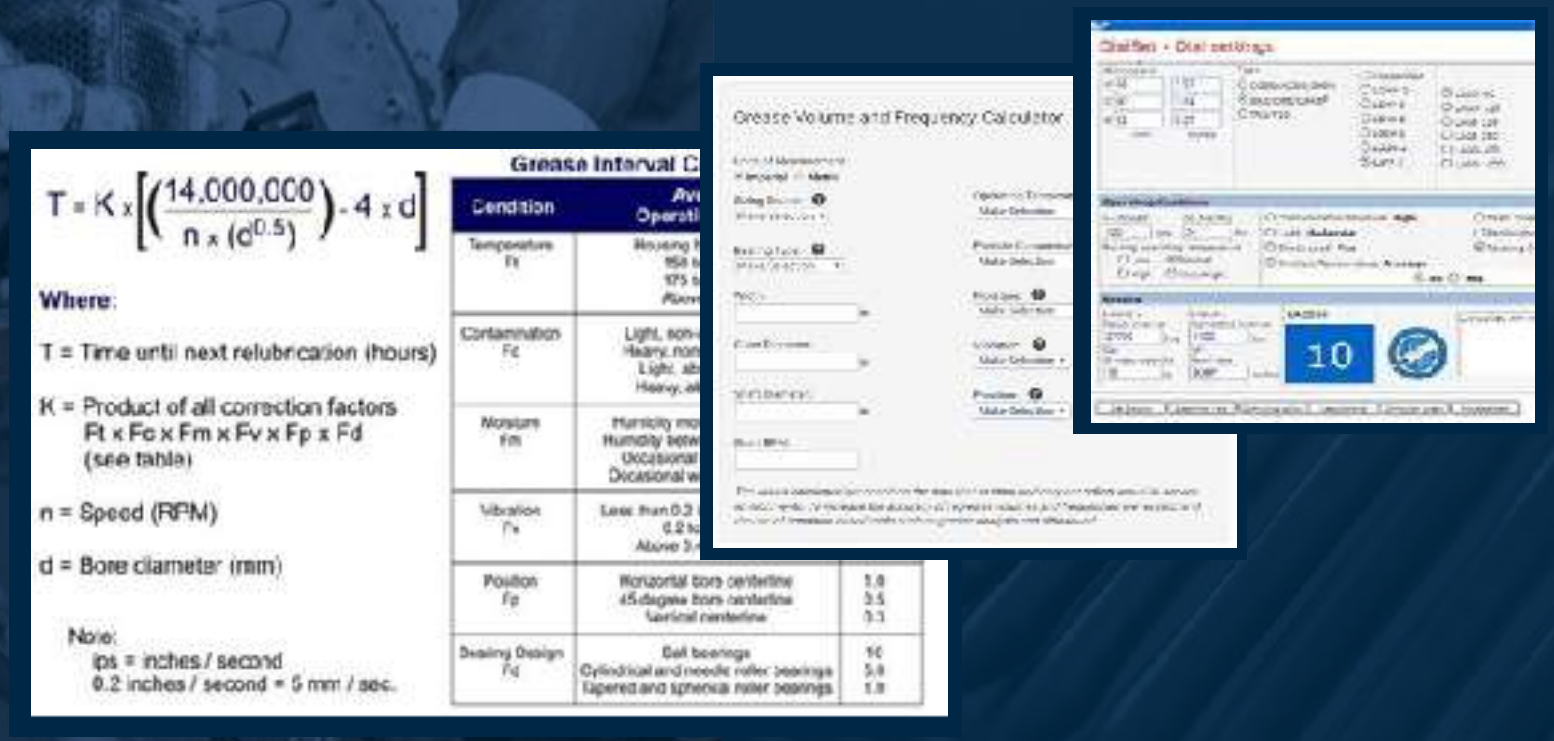
in cooperation with

Process team & operators

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Few words about this;

- **It was done this way for many years:**





- **Estimates based on assumptions**

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Few words about this;

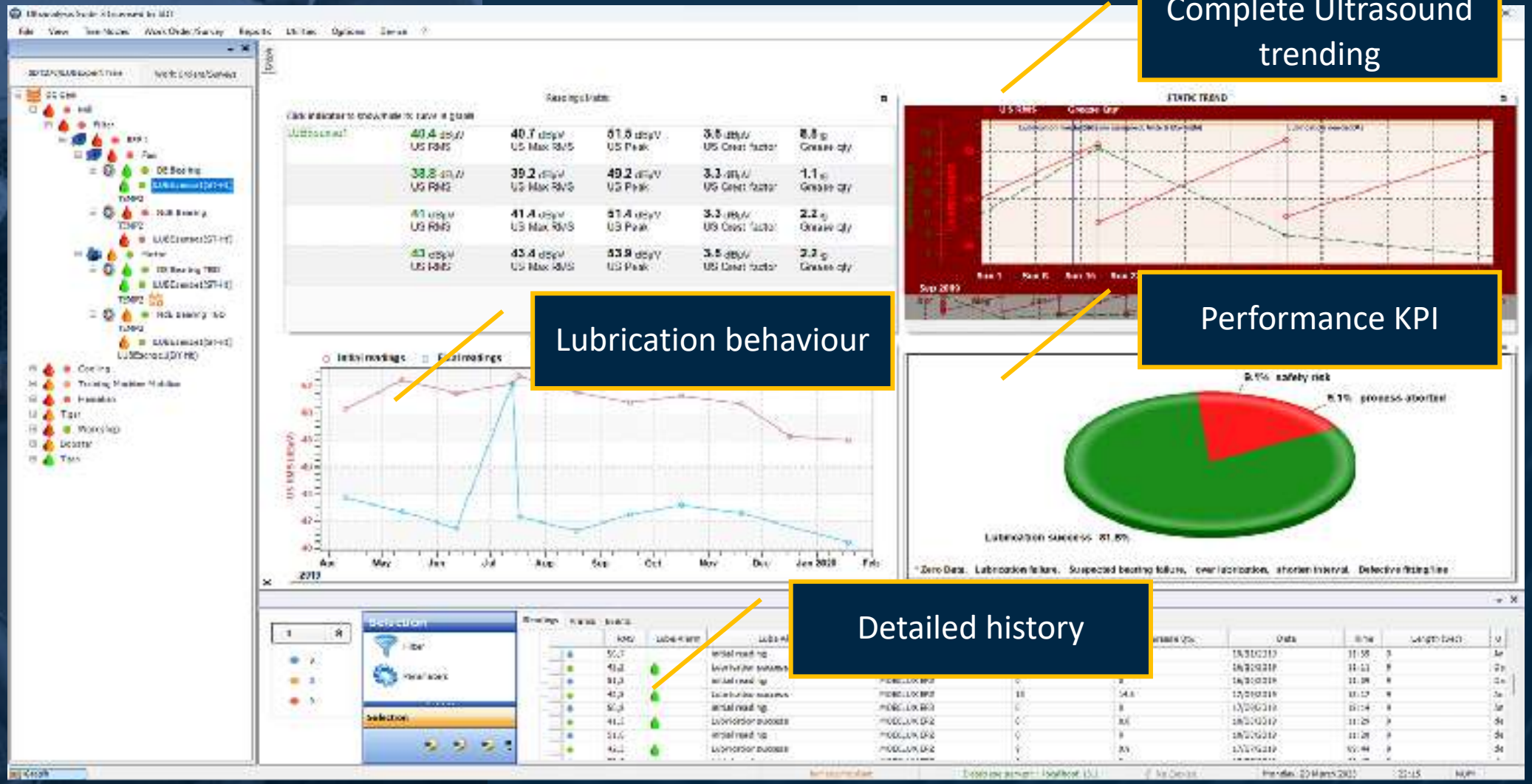
- **We researched and developed a better way;**

Condition-Based way

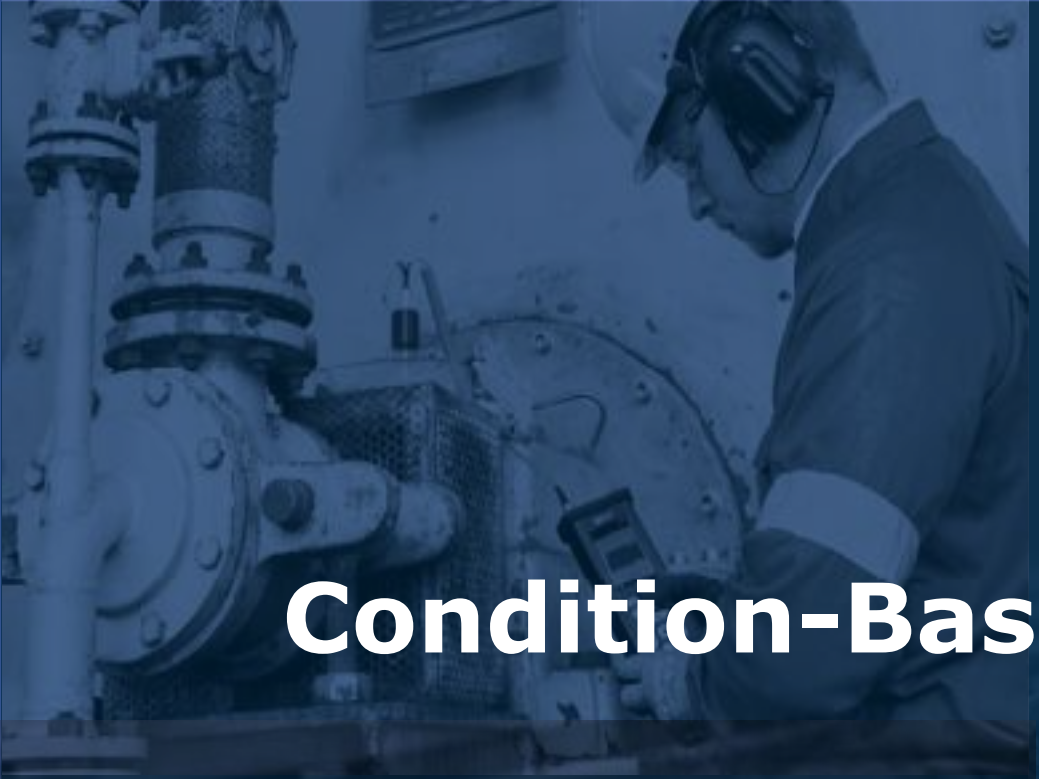
Ultrasound Guided

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Resulting in:



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Condition-Based Lubrication evolved



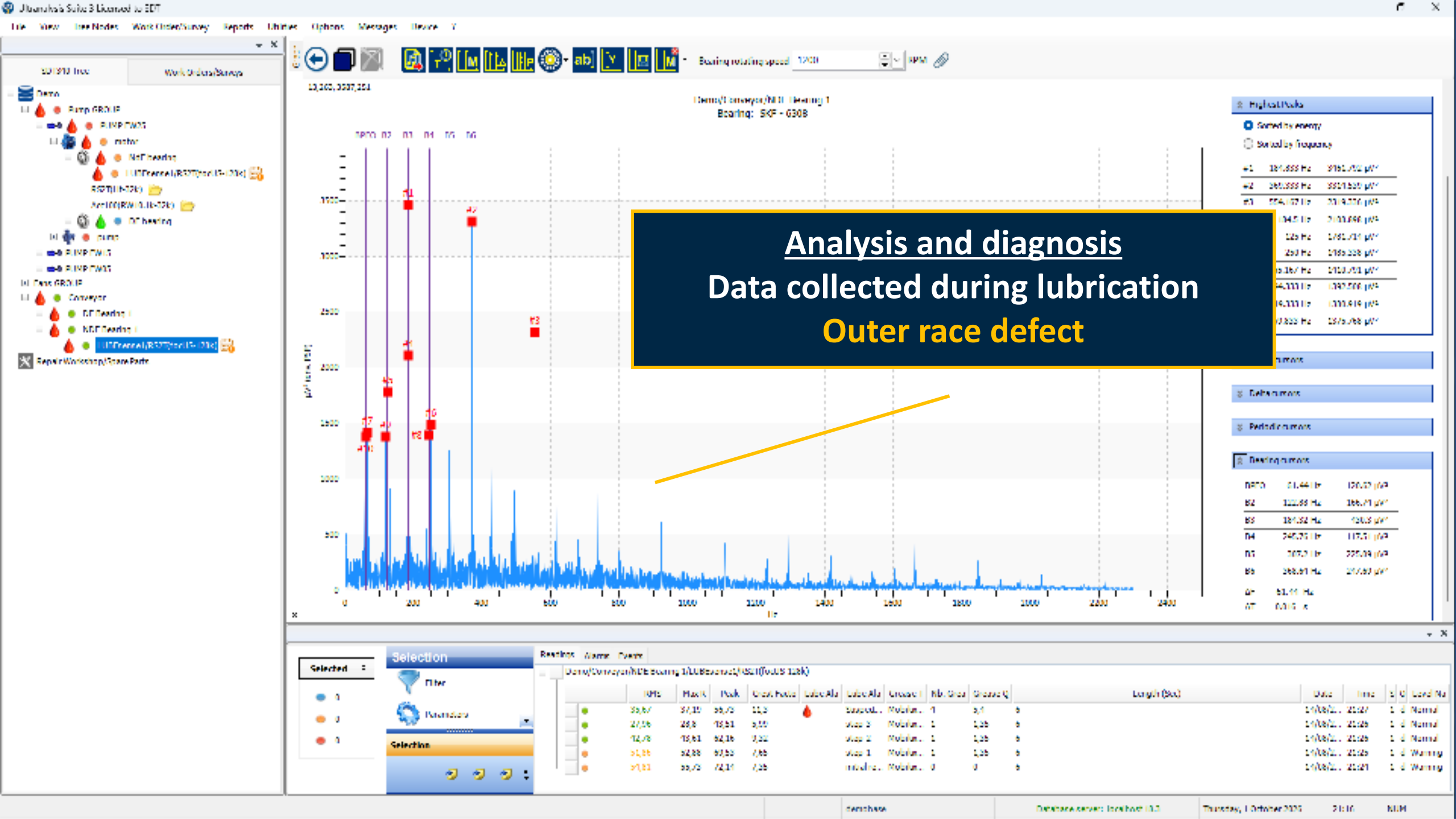
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GREASE BEARINGS RIGHT

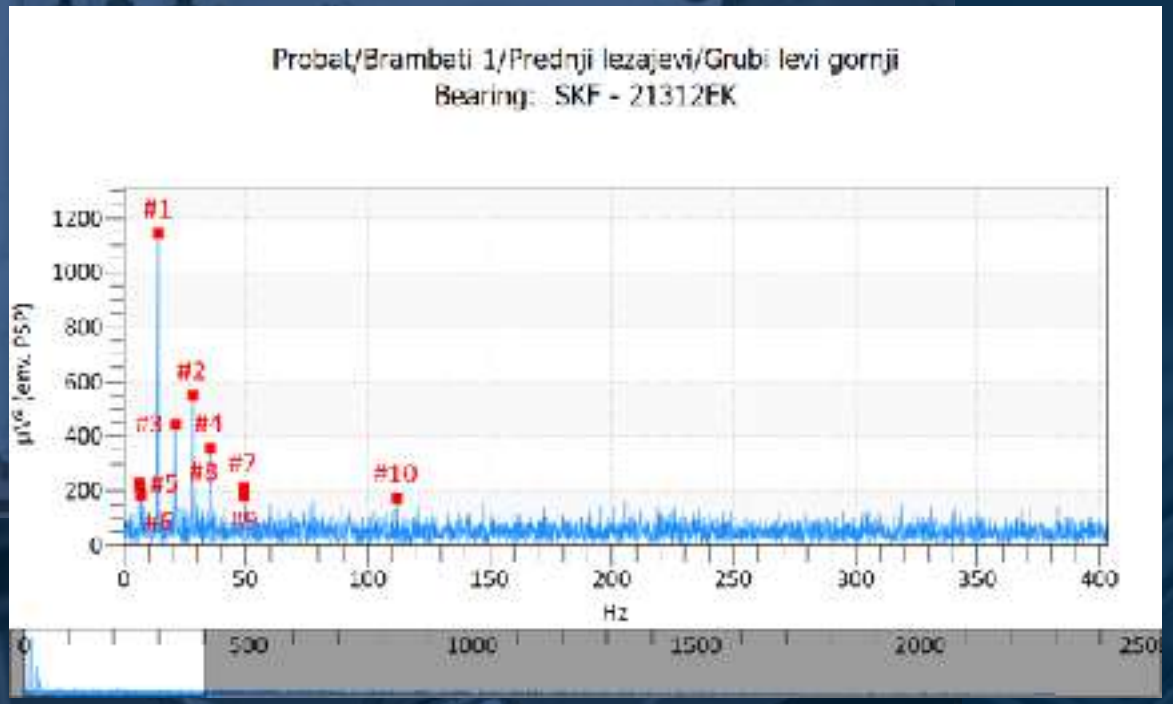
LUBEChecker


SDT340
Lubrication needed
Guided Mode F1
Free Mode F2
Exit ESC
F1
F2
F3
Esc
F4

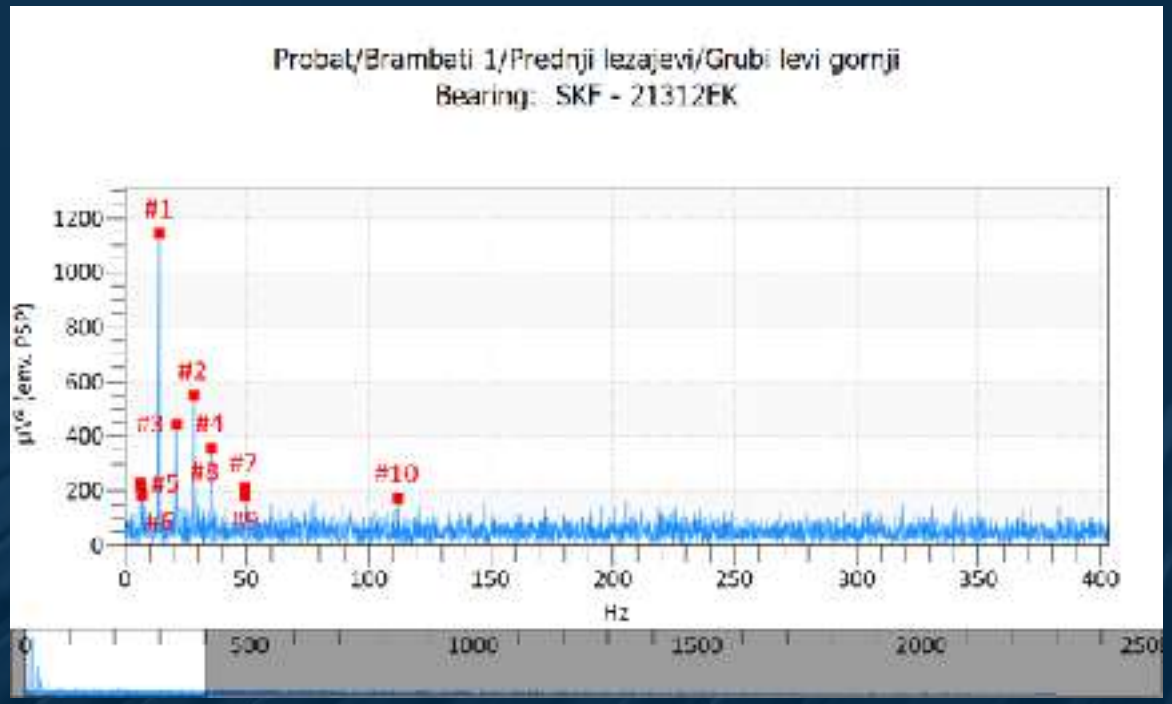

Condition Monitoring data before & after
Trending
Lubrication process
100.0% Suspected bearing failure


Analysis and diagnosis
Data collected during lubrication
Outer race defect

Condition Monitoring



Lubrication



It is the same data, same quality now



There is a new concept coming

You will be hearing a lot about it soon



I-CM&L

Integrated Condition Monitoring & Lubrication

Thank you

