



GAP ANALYSIS & DATA OPTIMAZATION - GADO

DO YOU NEED GADO?

QUESTIONS	RESPONSE
• Frequent complaints about data quality from ship and shore users?	YES
• Unnecessary losses due to unnecessary and wrong spares and stores purchases?	YES
• Negative remarks and observations from inspections and audits due to poor data?	YES
• Adverse impact on business and reputation due to data quality?	YES
• Difficulty in studying millions of lines of data to identify issues?	YES
• Identifying and correcting data is not your area of expertise or revenue generation?	YES
• Prohibitive cost and time for in-house effort to identify and correct data?	YES
• Expensive to set up and maintain in-house team to attend to such data works as compared to outsourcing it to experts?	YES

If you have YES as the answer to even HALF of the above questions, then our GAP ANALYSIS AND DATA OPTIMIZATION service is the perfect solution for you!

WHEN IS THE BEST TIME FOR GADO?

- Delay in optimizing your data multiplies the damage to business incrementally.
- Risk of non-compliance, wrong results, wrong decisions increase in multiples with every use of wrong data.
- User morale and management reputation damage increases if issues are not identified accurately and addressed urgently.
- Improved performance in inspections and audits have to be urgently prioritized.
- Business reputation risk increases.
- Cost, project duration and effort for GADO increases proportionately with tolerance and continued use of inaccurate data.

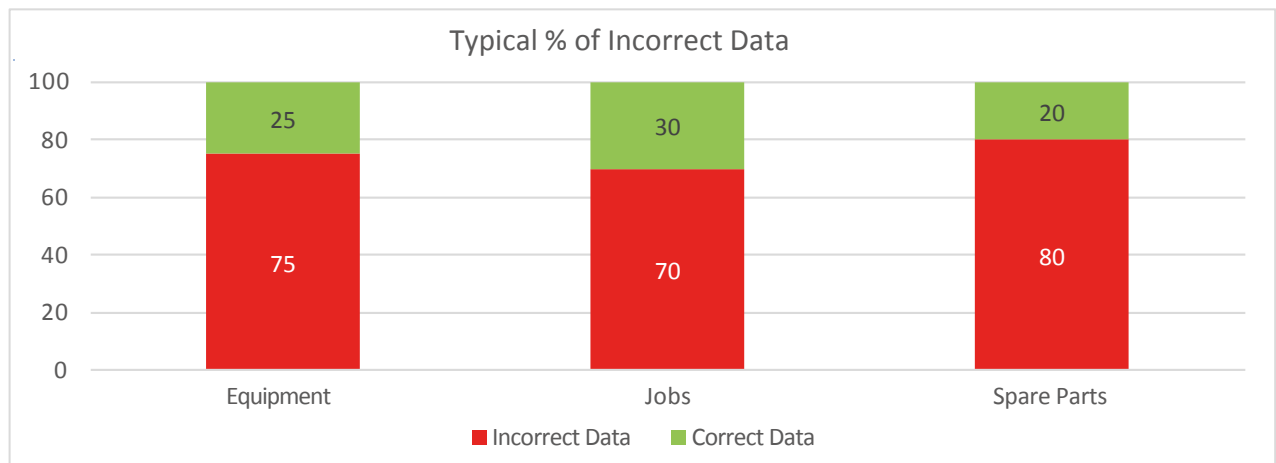


COMMON REASONS WHY MOST DATABASES NEED GADO (include but not limited to...)

- Data often prepared by service provider whose core expertise is not data population.
- Lack of necessary expertise in creating practically accurate & useful domain-specific data.
- Lack of adequate permanent trained and experienced personnel.
- Lack of automated and modern AI assisted tools to ensure accurate and fast production.
- Gap between customer expectation and database service provider's understanding.
- Copy-paste process from existing data library of service provider or from lead vessel database without proper data comparison.
- Absence of standardized production line operations and quality control.
- Unsustainably low price and/or heavy scope of work agreed to win contract which inevitably leads to compromised data quality.

TYPICAL ISSUES AND % ERROR

- Important Equipment installed onboard but not populated in PMS.
- Equipment populated without details or with incorrect details.
- Additional Equipment populated in PMS but found to be not installed onboard the vessel.
- OEM maintenance not populated in PMS.
- Jobs populated with wrong intervals.
- Incorrect/Insufficient Job description made without reference to maker's manual or marine practice.
- Jobs assigned to wrong resource/department.
- Spares Parts not populated from OEM manuals.
- Spare Parts populated with no or insufficient maker reference.
- Duplicate Spare Part.



WHAT IS GADO?

SUMMARY EXPLANATION OF PROJECT

The project is carried out by a Team of Senior Marine Experts and Senior PMS Data Analysts who amongst themselves not only have Marine domain knowledge but also have years of expertise in delivering effective PMS solutions.

Below are the Main Stages of this Project:

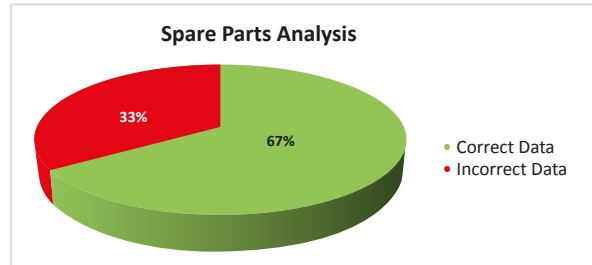
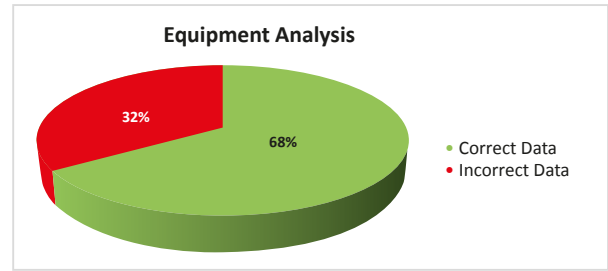
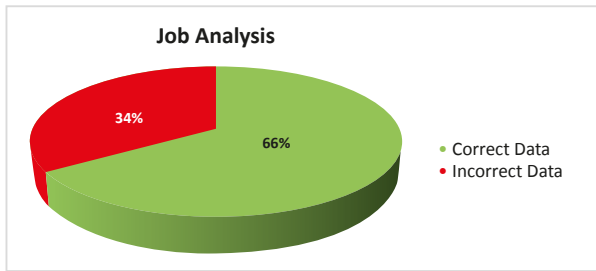
a. DATA COLLECTION (DC)

Optional service carried out onboard the vessel by Senior Data Collection Engineer to collect details of machineries installed onboard and to review the User Experience of the current PMS Data.

b. GAP ANALYSIS (GA)

Carried out at our office by Senior Marine Resources which involves AS-IS study of the existing PMS Data and its comparison with customer supplied source data including OEM documentations, class requirements, Company specific SMS requirements, service letters and any other source as per customer requirement. A comprehensive Gap Analysis Report is prepared at the end of this stage and submitted for customer approval. This report also contains recommendations as per best marine practices formulated through or decades of experience in this field.





c. DATA OPTIMIZATION (DO)

Involves rectification of existing PMS data as per results of the GA report utilizing Farohar's expertise in Marine ERP Systems & PMS Data Population to optimize Data Accuracy and increased utilization of PMS Systems to maximize client ROI. Add on Data Population is also carried out at this stage for any missing data from the source or from Farohar's expertise (if approved by Customer).

d. POST DELIVERY FOLLOW UP

For all works, Farohar provides industry's longest of up to 12 Months of post-delivery follow-up and support.

e. DELIVERABLES

Data Collection (Optional Service)

- i. Data Collection report with segregated nameplate photographs.
- ii. Equipment List with actual maker details extracted from collected data.

Gap Analysis

- iii. Detailed Gap Analysis Report with Summary of Findings, Recommendations and Rectification Plan .

Data Optimization

- iv. Optimized PMS data either in form of PMS Load Sheets or populated directly in PMS UI from front end as per Customer.
- v. Optimized Data will include Equipment/Component, Jobs, Spare Parts, Counter, Maker/Vendor details and any other sheet populated as per PMS System and Customer Requirement.

f. CAPACITY & TIMEFRAMES

We at FAROHAR take pride in being the Largest Specialist Marine Outsourced Services Provider. We have the industry's highest capacity of delivering GADO works for 18-20 vessels/month. This Capacity can further to scaled up with a lead time of 30 days as per client requirement without any compromise in quality of work.

WHY FAROHAR?

- a. **ISO 9001-2015** certified process ensuring highest quality output using the best quality processes.
- b. **Established trust** with our clients reflected in our **Exclusive Long-Term Engagement** with Major Maritime Software Houses and Shipping Companies.
- c. Top management – **Well known faced and proven leaders in both Shipping industry and among business process outsourcing organizations.**
- d. Mid-level management – **Experienced Senior Managers** responsible for Quality and timely project deliveries.
- e. Data Analysis, extraction and population done by **Experienced Engineers.**
- f. **Ultra-Modern and secure office** premises with **client-dedicated servers, modern biometrics, data loggers, 24/7 surveillance** for real time monitoring.
- g. **Full IP Protection** and utmost importance and care for **Security of Client Data.**
- h. Hard Copy documents kept at **Secured Data Storage Facilities** with climate control to avoid any degradation of old documents.
- i. **Multi-level Quality Checks** right from checking source data to finished deliverable.
- j. **Leave It To Us.** Right from Data Collection and Gap Analysis to Implementation and Training, projected is executed without interfering with vessels day to day activity or your personnel having to compromise on their core duties.



ABOUT FAROHAR: BRIEF INTRODUCTION

Farohar is a world leader in Specialised Outsourced Services for the Marine and Oil-Gas and many other mainstream industries with over 850 staff, headquartered in Singapore and with offices and presence in over 16 countries. We are fully self-funded and are AAA stable. We have the largest capacity and scalability for marine & mainstream industry data works globally and our many client testimonials and referrals stand as evidence to our performance and commitment.

The long-term association and trust that all major companies have shown in Farohar's services is a testimonial of our quality deliverables and commitment to ensure customer satisfaction at all cost.

"If it is done by Farohar it requires no further verification".....this is the testimonial we strive to earn from every project and each client. Visit www.faroharltd.com for further details.

RELATED SERVICES (include but are not limited to):

● Data Conversion	● E-Documentation	● Data Migration	● Digitization
● Data Library	● Data Storage	● Data Content	● Data Administration
● Training System	● ERP Solutions	● IT/IS Hardware	● Networks Services
● Bulk Scanning	● Onboard Inventory	● ACAD Plans	● 3D Drawings
● Technical Writing	● Sourcing Manuals	● Data Monitoring	● System Audits
● BWTS Retrofit	● EGS Retrofit	● Flag Change Works	● Repairs-alongside & enroute
● Owner Rep Services	● Surveys/Inspections	● NeoPanama Works	● Onboard Storage Optimization
● IHM Surveys	● Tech Procurement	● Drydock Supervision	● Layup/Reactivation Services
● Risk Management Consultancy	● Energy & Fuel Efficiency Solutions	● Carbon Management Consultancy & Apps	● CII-EEXI-SEEMP Turnkey Services

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