



CASE STUDY

INVENTORY
AND
ASSET MANAGEMENT

**Manage floating assets to
enhance business intelligence.**

Industry Catered: Merchant Shipping

INVENTORY & ASSET MANAGEMENT

Experienced Marine Engineers sent onboard vessel to carry out the Inventory of Floating Assets and the importance of having an up-to-date status about these assets (spares).

The main objective is to find the spares numbers **Remaining On Board (ROB)** the vessel for the machinery that are available on the ship.



Update the Assets/spares in the software with location.



Label the Assets/spares with Name, Part number, location and barcode.



To ease the vessel staff in tracking the spares available on board :

- Where it is available onboard?
- How many available onboard?

COMPLIANCE



The Hong Kong International Convention for the Safe and Environmentally Sound Recycling of Ships, 2009

(the Hong Kong Convention), was adopted at a diplomatic conference held in Hong Kong, China, from 11 to 15 May 2009, which was attended by delegates from 63 countries.

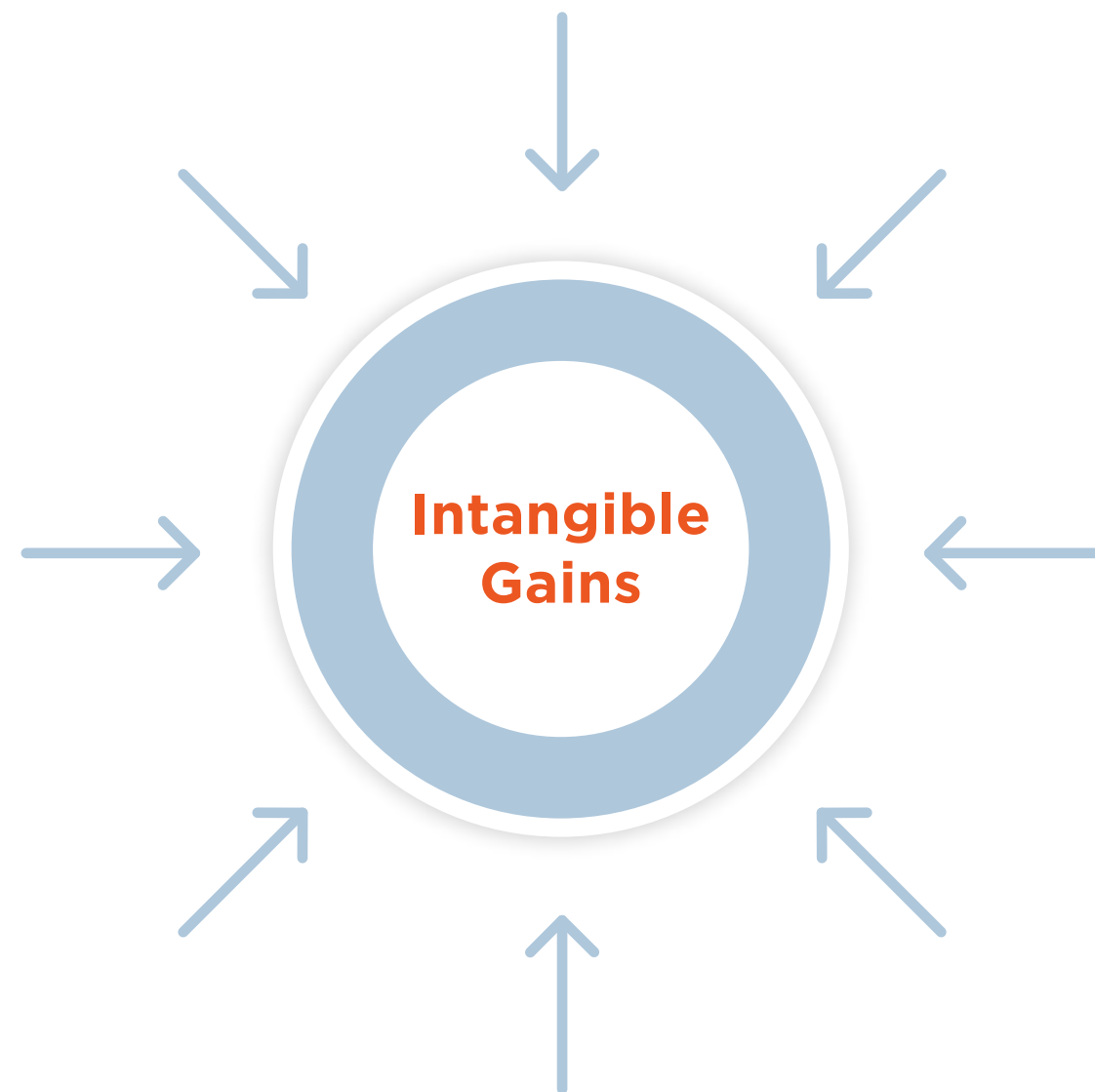
Besides many other guidelines, one guideline which we need to start thinking about and start working on:

2015 Guidelines for the development of the Inventory of the Hazardous Materials, adopted by resolution MEPC.269(68).

CASE STUDY - RETURN ON INVESTMENT - TANGIBLE DOLLAR VALUE

Details	Numbers	Remarks
Count of spare items identified and updated	16689	ROB each count
No. of machinery spares identified	2605	Including which did not exist in the PMS system
Estimated average price of each machinery spare	USD 50/-	This does not include the ROB
Estimated value of spares 'FOUND'	USD 130,250/-	This amount of floating assets were on board
No of days (Total)	15 Days	Two Engineers for 15 days

RETURN ON INVESTMENT - INTANGIBLE GAINS



Well begun is half done:

- The vessel staff can continue on normal operational jobs while this inventory is carried out.
- Due to counting, packing, tagging, updating in PMS system the time utilized to find the requisite spares is minimized.
- Fast and easy identification makes easier for ship staff to update the future receipts and consumptions.
- Training giving to the ship staff for handling of tagging and inventory greatly enhances the continuous maintenance of the **ROB** in system.
- In case of doubts, the baseline inventory can be used for clarifications.
- Continual improvements in the **COST OPTIMISATION.**

PICTURES BEFORE WORK DONE



Inventory of a ship's spare assets can be a difficult yet important task. This unorganised system creates chaos and can be a logistical nightmare for the onboard crew.

PICTURES AFTER WORK DONE



We step in the picture to create a system where all the assets are labeled, counted, and kept in a proper place so that it doesn't go to waste or create any mishap when necessary.

SOME EXAMPLES OF THE WORK DONE



Arranging the spares on shelf



Spares covered with plastic covers along with labels



After labelling the shelf

SOME EXAMPLES OF THE WORK DONE



After packing and labelling



Filters with label and packing



Shafts with protective packing

SOME EXAMPLES OF THE WORK DONE



Indexing the spares for easy identification



Packing, labelling and placing it on respective place

WHY US?



Our Engineers :

- Understand machinery and the pain points of the ship staff and asset management.
- Resolve issues of our team onboard with support from shore.
- Are trained in PMS and inventory software, adding value by converting physical tasks to digital format, leading to seamless data transfer from ships to offices.
- Train the ship staff to maintain what has been done.