

NYK SHIPMANAGEMENT PTE LTD

T M S A

**TANKER MANAGEMENT AND SELF
ASSESSMENT**

Implementation

Presented by

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T M S A

A CHALLENGE and AN OPPORTUNITY

through

CONTINUOUS IMPROVEMENT

Background

TMSA is SELF ASSESSMENT

What does TM SA Provide?

- Best practice guide for ship operators
- Structure for operational processes
- Key Performance Indicators (KPI's)

***Self assessment is a
"LEADING INDICATOR",
as compared to vetting
and Port state control
being "TRAILING
INDICATORS"***



TACKLING T M S A

#1

**Review existing systems &
practices by
Gap Analysis
for each element of TMSA
with respective
departments.**

#2

**Evaluate ourselves
against TMSA standards**



#3

**Develop a plan for improvement
within an agreed time frame**

#4

**Communicate
the plan &
ongoing improvements
and
actions to various department
and fleet vessels**

#5

**Implement the improvement
plan and monitor
performance**

by using

**Key Performance Indicators
(KPI's)**

6

**Review our progress and
adjust this improvement
plan as may be necessary
in the future**

Challenges

- 1) Management commitment**
- 2) Significant resources Outlay**
- 3) Risk Assessment**
- 4) Management of**
Change
- 5) Bench Marking**
- 6) Effective**
Implementation

Benefits

a) Self Assessment and Continuous improvement

b) Improved Safety Management System

c) Improved Operational Standards

d) Reduced Inspections

COST

- A) Expected cost of implementing TMSA per vessel is about US\$ 20,000***
- B) Additional manpower resources***
- C) On board training ie CBT, Video and Roving trainers***
- D) Shore based training e.g.
Seminars , simulators , courses etc.***

Level one of the TMSA is basically ISM mandatory compliance and level four Tanker operator , is “the best you can be”

Charterer seeking to charter level four ship are likely to have to pay a premium for it, since the standards are very high.

Only small proportion of tanker fleet will reach level 4

Operators of level four ships will also find their ships far more marketable in the event that the charterer has the choice of ships

Recommendation

***Company shall endeavor first to complete level 1
being the foundation***

.....subsequently build up level 2 and 3

***Aim for highest level 4, in due
course of time***

**At NYKSM,
we are committed to
Continuous Improvement
in
Safety & Environmental
excellence
as a
Tanker Operator**

T M S A Implementation



Continual
Improvement

<Act>

Management Review

A

<Check>

- Monitoring and measurement
- Evaluation of compliance
- Nonconformity, corrective action and preventive action
- Control of records
- Internal audit

C

Best Practices

P

<Plan>

- Establish Resources
- Carry out Gap Analysis

D

<Do>

- Establish procedures
- Carry out training and awareness
- Communication
- Documentation



THANK YOU