

AG GE ND A

GL Generell

IACS/Rules/Conventions

Neubau

Beschichtung/Korrosion

Containerschiffe

Condition Assessment Program (CAP)

Bulker

Besichtigungen

Schäden/Reparaturen

Emergency Response

Condition Assessment Program (CAP) - General

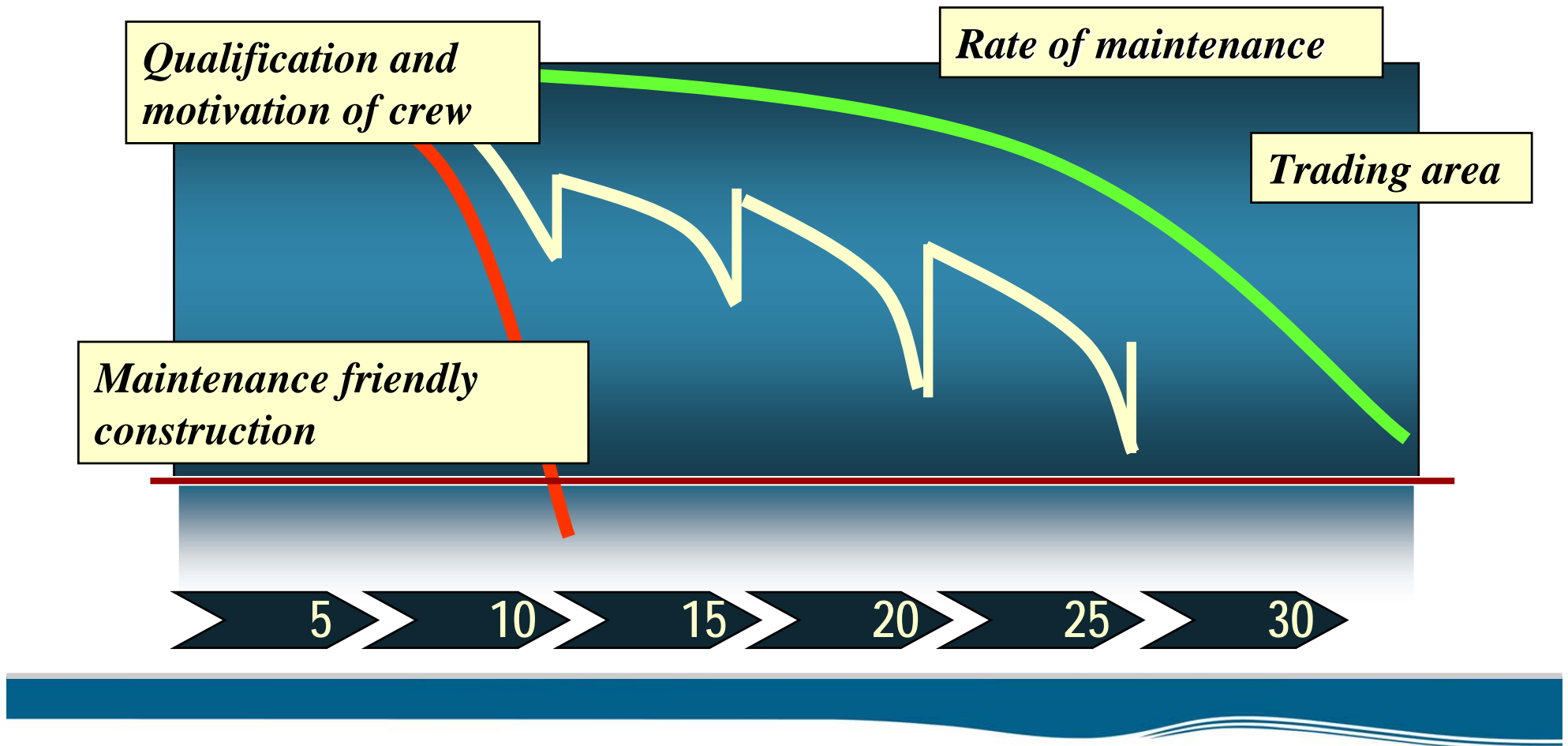
- The CAP surveys are performed independent of class/periodical surveys and are requested by owners, charterer and insurance companies.
- The main focus lies on tankers and bulkers above 15 years of age, however can be transferred as well to all other ship types.
- The CAP will be performed by Germanischer Lloyd Head Office directly or in individual cases under the direction of Germanischer Lloyd Head Office.

Condition Assessment Program (CAP)

- Assessment based on condition -



Influence of Quality by Maintenance



Condition Assessment Program (CAP) - General

	<i>Survey</i>		<i>Analysis</i>
<i>Rating</i>	Hull	Machinery and Electrical Installation	Thickness Measurment. and Fatigue
1 Newbuilding Condition	Grade of wastage, wear and tear and the condition of the corrosion protection system	Grade of wastage, wear and tear and the grade of the maintenance	100% margin
2 Good Condition			up to 25% margin
3 Satisfactory Condition			less than 25% margin
4 Poor condition	below Rule Requirement		

Extended Lifetime

- Schiffe sind meist über 15 Jahre alt und in einem guten Zustand:
- Extended Lifetime wird durchgeführt in 2 Schritten:
- 1. Condition Assessment Program (CAP)
- 2. Zusätzlich: Hauptverbände werden analysiert.
Basis: Anzahl der Belastungszyklen
hinsichtlich Betriebsfestigkeit d.h.
voraussichtlich zu erwartende Lebensdauer.

Extended Lifetime

Ergebnis:

1. Keine Änderung am Baujahr!

2. Zertifizierung:

Die verbleibende voraussichtliche Lebensdauer entspricht einem Schiff, das 5 oder 10 Jahre jünger ist.

