

HLB Investigation Report

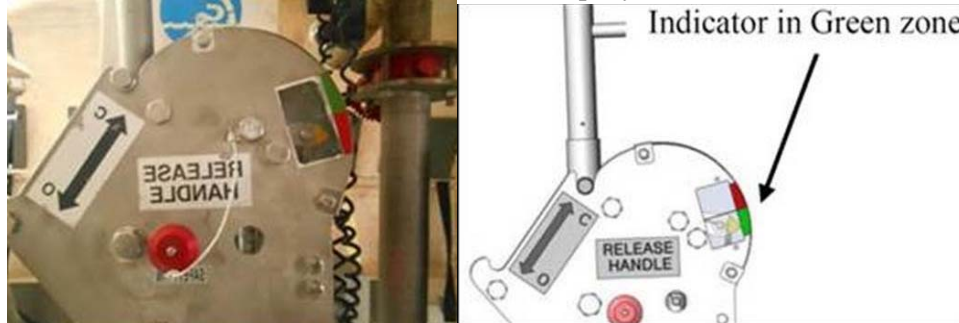
- Subject : INDICATOR COLOR PROBLEM FOR RELEASE HANDLE
- Type : TALON II 4.0

AUGUST 11, 2016



1. BACKGROUND

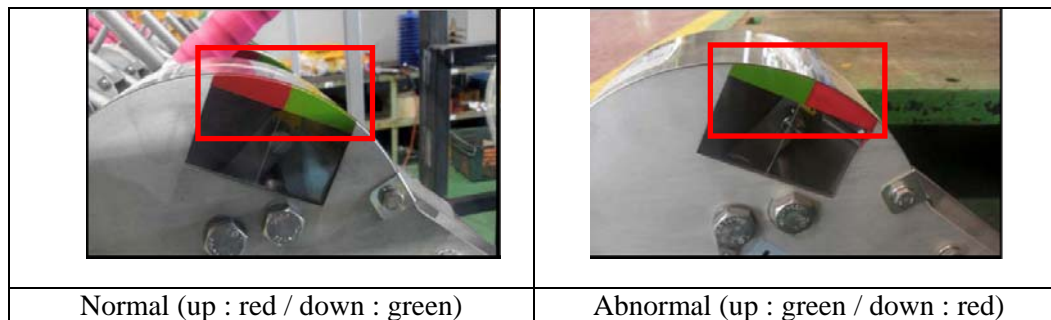
- ① During the PSC inspection of GURL PEARL on 08. 2016, it was discovered that the INDICATOR color of RELEASE HANDLE ASS'Y was different from the manual.
- ② As a result, the above problem was received to our company via email on 08. 08. 2016



[Figure 1]

2. Problems

- ① The green and red colors that tell the operating status of LOCK device of the RELEASE HOOK lever was reversed top and bottom as in [Figure 2] in the production and delivery.



[Figure 2]

3. Causes

- ① A mistake occurred due to the change of production worker during manufacturing. (Q'ty : 50ea)
- ② A defect status was discovered during the self-inspection on 07. 23. 2014, so all products in HLB were corrected and modified on 07. 24. 2014.
- ③ Some products delivered to the retail store HLB before the correction/modification were sold without being modified.
- ④ Through an internal announcement of HLB, a request was sent to a HLB SERVICE retail store HLBN to modify the products sold.
- ⑤ The modified details were not notified to the sales retail stores in each country from HLB.

4. CONCLUSION

- ① The sellers did not replace the products immediately.
- ② Lack of preventing malfunction due to the change of worker.
- ③ Re-checked products that were not modified, notified the customers of problems, and delivered the modified parts.



[Figure 3]

④ Vessel list (June 25, 2014 ~ July 23, 2014)

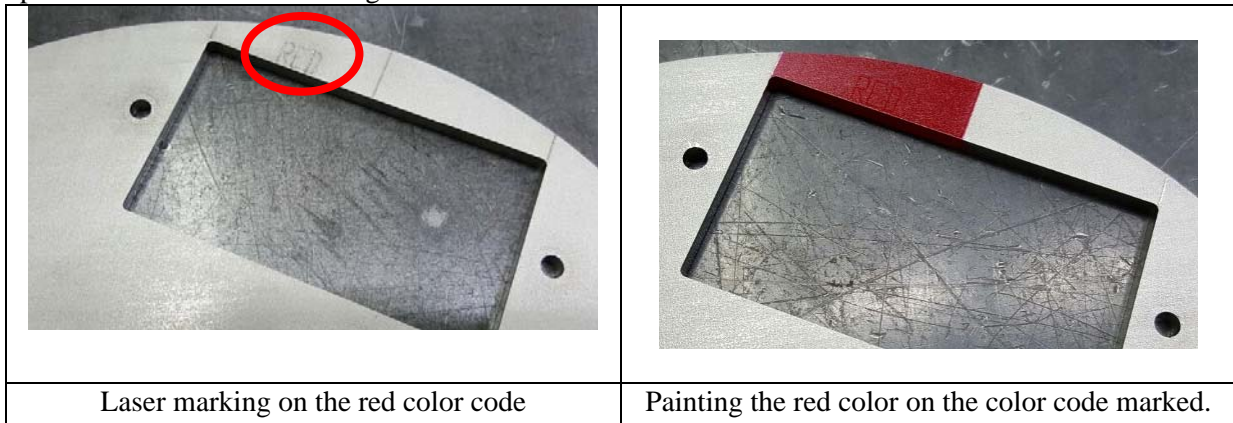
No	Vessel name	IMO	FLAG	Class	Completed	REMARK
1	Alpha Action	9074494	Malta	ABS		checking
2	Torm Ismini	9277797	Denmark (DIS)	LR		checking
3	Eagle Beaumont	9111644	Singapore	DNV GL		checking
4	Desh Vishal	9371749	India	ABS		Dispatched (2016.08.12)
5	Fatma Sari (Ex. ZENA C)	9087233	Turkey	KR		Checking
6	Victorian Reliance	9180205	Australia	DNV GL	2015.01.12	
7	Silvia I	9172052	Panama	DNV GL		Checking
8	Gulf Pearl	9281425	Bahamas	LR		Dispatched (2016.08.08)
9	New Levant (Ex. CN JUMBOS)	9111371	Belize	NK	2014.10.10	
10	ANTIMILOS	9282998	Greece	ABS		Waiting for the delivery information
11	Sanamar Paragon	9112325	INDIA	IRS		Waiting for the delivery information
12	MAERSK NITEROI	9434943	Hong Kong, China	DNV GL		Checking
13	ADVANTAGE ARROW (Ex. Target)	9419448	Marshall Islands	DNV GL	2015.03.20	
14	Phaethon	9412098	Greece	DNV GL		Waiting for the delivery information
15	VIOLANDO	9429285	Greece	DNV GL		Dispatched (2016.08.11)
16	DHT Redwood (Ex. Samco Redwood)	9528940	Hong Kong, China	DNV GL		checking
17	Asian Beauty	9598074	Panama	NK		checking
18	IBRA LNG	9326689	Panama	NK		checking
19	Ocean Amber	9075670	Hong Kong, China	NK		checking
20	Desh Shanti	9263746	India	IRS		checking

5. Measure

- ① Completed an e-mail notification for 20 vessel
- ② According to the schedule of vessel, the replacement part will be sent.
- ③ *Gulf Pearl measure*
 - a. 2016. 08. 02 : Receipt problems
 - b. 2016. 08. 08 : Sending the replacement parts by air freight

6. Prevent reoccurrence

- ① After July 25, 2014 : The laser will be marked on the red color code in order to prevent further problems while manufacturing.



- ② We will checked feedback for announcement at Future.

- END -