



**NAVSEA**

**WARFARE CENTERS**

Indian Head EOD Technology Division

NAVAL SURFACE WARFARE CENTER

**INDIAN HEAD EXPLOSIVE ORDNANCE DISPOSAL TECHNOLOGY DIVISION**

# **CAD/PAD International Logistics Meeting (2018 ILM)**

## **CAD/PAD Health Metric CH-53**



# CAD/PAD Health Assessment



DODICs with Trace Data	Current data		Projected - lose largest lot		Production Risk	Technical Risk	Overall Risk	OA Scheduled	Next Est. Delivery Date	TMS
	No SLEs	Params applied	No SLEs	Params applied						
1W18	Green	Green	Red	Red	0-1 Months	1-3 Months	Med. Risk	FY18	NONE	CH-53E, MH-53E
JL71	Green	Green	Red	Red	No History	0-1 Months	Med. Risk	FY19	2/28/2019	MH-53E, MH-60S
M190	Green	Green	Green	Green	0-1 Months	0-1 Months	No Risk	FY20	NONE	AH-1W, AH-1Z, CH-53E, HH-1N, KC-130J, KC-130T, UH-1N
M363	Green	Green	Green	Green	No History	1-3 Months	No Risk	FY19	NONE	CH-53E, MH-53E
M514	Green	Green	Green	Green	3-6 Months	0-1 Months	No Risk	FY19	NONE	CH-46E, CH-53E, HH-1N, HH-60H, HH-60J, HOIST, MH-53E, MH-60R, MH-60S, MV-22B, NSH-60B, SH-60B, SH-60F, UH-1N, UH-1Y, UH-60A, UH-60L
MT23	Red	Red	Red	Red	No History	0-1 Months	Critical	FY18	3/20/2019	CH-53E, MH-53E
MT95	Green	Green	Green	Green	0-1 Months	1-3 Months	No Risk	FY18	5/31/2018	AH-1W, AH-1Z, MH-53E, MH-60S, UH-1N, UH-1Y, UH-60L

# Trouble Item Summary



DoDIC	Name	Issue	Current Mitigation	Get Well Date	Future Mitigation
MT23	CCU-127/A fire extinguisher cartridge	<b>Production</b> <ul style="list-style-type: none"> <li>- MT23 is being replaced by JM61 (HERO safe)</li> <li>- JM61 has had several production failures, delaying deliveries</li> <li>- MT23 has a high CODR history</li> </ul>	<ul style="list-style-type: none"> <li>- Replace MT23 with JM61</li> <li>- Service Life Extensions</li> <li>- Test and re-issue of material that had expired</li> </ul>	Oct 2019 if Type III is not approved for JM61	Correct issues with JM61 once JM61's have received Type III service release (ESD)
JM61				Immediately once type III is approved for JM61	

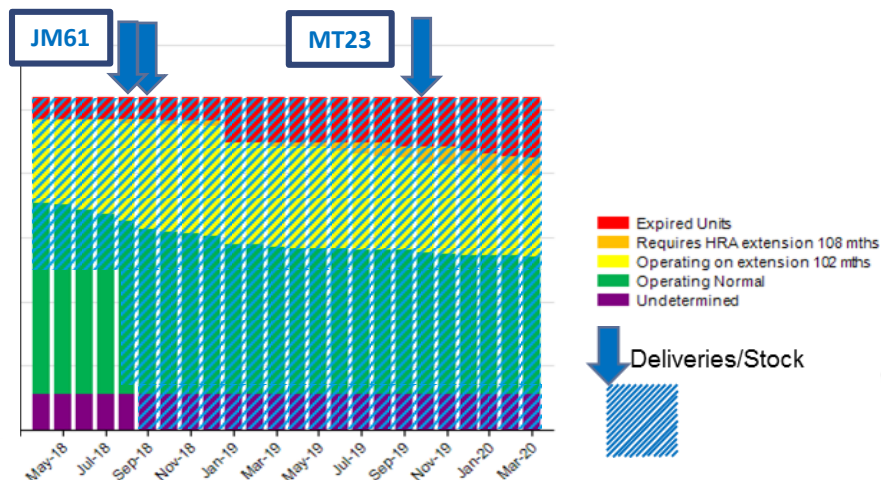
## MT23 (CCU-127/A Impulse Cartridge) - Current

## JM61 (CCU-159/A Impulse Cartridge) - Future

Shelf Life 132 / Installed Life 60



## Project Overview / Summary

**Production:**

- MT23: PR submitted July 2017 for FY18 buy (est. del. FY19)
- JM61: Hero safe replacement. Contract with vendor for more units. FAT accepted on waiver (2 Nov 2017). Production of first lot complete.
  - First delivery received. Awaiting Type III service release (ESD) .
- CH-53K will not use MT23 or JM61, JL42, JL43, JL44 being used instead

**Service Life Extensions (SLE):**

- Current limits: Install – 60 months. Shelf – 132 months.
  - More units will require change out or extension in FY18

**Future Ordnance Assessment (OA):**

- OA testing planned for FY 2018

## Help Needed

- Continue to assign priority aircraft to receive assets
- Investigate faulty G-switch and corrosion CODRs (PMA-261)
- Assistance with developing new maintenance practices

## Current Status / Actions / Risks

Likelihood	5						Milestone	Baseline	Current
	4						15CK108 [JM61]	Oct 2016	Jul 2018
	3						15CK108 [JM61]	Nov 2016	Aug 2018
	2			P			Test (LAT)	Sep 2016	Jun 2018
	1					I	15CK108 [JM61]	Dec 2016	Sep 2018
		1	2	3	4	5	18NB013 [MT23]	Oct 2019	Oct 2019
		Consequence							

**Production:**

- (P) If JM61 has any issues with the production line or its operators, JM61 deliveries would be delayed.

**(I)Inventory/E-Stock:**

- If deliveries are not made, cannot maintain target E-stock to cover CODR replacements
  - Mitigate with SLEs on current installed assets