

CUSTOMER:	GALAXY AEROSPACE	REF No:	RATS 0062
ORDER No:	RMN-21-163	ITEM No:	1
PART No:	3990/62600	DESC:	Transmitter
I ANT NO.	3990/02000	DLGC.	Tansmiller
SER No:	237	LEONARDO REF:	Service Order: 4111009

## **INTERIM REPAIR REPORT**

#### **Description of Reported Fault:**

Customer (End User: Malaysia) reported fault: INDICATED FAULT TX 05.

### 4<sup>th</sup> Line Visual / Mechanical Survey (S1 300131946 refers):

- 1) Inspection seals not broken on receipt.
- 2) LRU slightly dusty inside.
- 3) LRU Base Dust Cover missing.

#### 4<sup>th</sup> Line Electrical Survey:

- 4) Filter, Radio Interference & Heater Control Board Ser. No. 254 (3990/62625) has blown O/C 3phase filter capacitors C1-C6.
- 5) EHT breakdown traced to Charging Choke L4 defective when pulses are applied. This was confirmed by fitting a reference Charging Choke.

#### Material Issued:

Material	Description	<u>QTY</u>
G0051440	CAPACITOR	6
3990/62701	EXCLUDER,DUST	1
G0086322	CAPACITOR	1
3990/62642	CHARGING CHOKE	1

#### Modifications Incorporated:

CP502499 on Filter, Radio Interference & Heater Control (3990/62625) - S/O: 5. New capacitors C1-C6 (G0051440) fitted.

CP554897 on Modulator Radar (2) (3990/62620) - S/O: 5. New capacitor C3 (G0086322) fitted.

# Investigation Analysis:

1&2) Information only.

3) Dust Cover fitted.

4) Replacement capacitors fitted.



5) Defective Charging Choke L4 replaced.

**Conclusion:** Once Transmitter passes Final Test (P.T.S) & Final Inspection at Leonardo MW it will be released to Customer on a C of C (subject to price agreement).

Approved by:

LAURENCE MUTCH

Laurence Mutch (Seaspray Project Manager) Date: 22/06/2020