

### MAINTENANCE SCHEDULE –YEARLY

Station Name:

Region:

Date:

Equipment Name: DME (Thales)

Make:

Model No: 415/435

Parameters to be checked (External Test Points)				
1.	Power Supply PWS Module	Normal Status	TX-I	TX-II
1.1	TP1	(5.1±0.1V)		
1.2	TP2	(+15±0.1V)		
1.3	TP3	(-15.1±0.1V)		
1.4	TP4	(GND)		
1.5	SW1	(Check operation to eliminate transient failure of module when red LED is lighted)		
2	Monitor MON Module	Normal Status		
	AN11	H MORCO – Identity Code		
	AN34	ADC input signals		
	AN23	A MOD- Analogue signals of the interrogation modulation		
	AN71	MEAS. SYNC.- Signal trigger on oscilloscope for BITE measurement		
	AN2	LM INT. – Star generation and acquisition signal. Trigger on oscilloscope for check executive monitoring measurements.		
	AN45	GND		
3	RECEIVER RX MODULE	Normal Status		
3.1	AN (a)	OCV analog- On Channel Validation analog signals pair pulses		
3.2	AN (b)	OCV gate- On Channel Validation trigger gate digital signals		
3.3	AN19	LOG N – Detected log signal output		
3.4	AN7	CAL – Gate during pilot pulse calibration. Signal trigger for log detected measurement on oscilloscope.		
3.5	AN18	GND		
4.	Digital Processor DPR Module	Normal Status		
4.1	AN20	SQI – Squitter pulses		
4.2	AN19	OPNSQ – Squitter reply pulses		
4.3	AN18	DAET – Dead time signal gate		
4.4	AN17	MORCO – Used to check Morse Code Identity		
4.5	AN32	LOG- Remake log Rx signal from internal digital-to-analog converter ( DAC)		
4.6	AN13	OVRL- Transmission rate overload frequency ( 4800 Hz)		
4.7	AN56	GND		
4.8	AN16	SPINH – spacing inhibit ( minimum squitter spacing)		
4.9	AN15	IDENT- Identity frequency 1350 Hz		