

ENVIRONMENTAL CONDITIONS and EMI-EMC TABLE

CONDITIONS	WAIS COMPONENTS						
	Transponder	Connection Unit	MKD	Computer	Power Supply	VHF Antenna	GPS Antenna
Operating Temp	IEC60945 Sec.8.2.2.2 Sec.8.3.1.2 Sec.8.4.2.4	IEC60945 Sec.8.2.2.2 Sec.8.3.1.2 Sec.8.4.2.4	IEC60945 Sec.8.2.2.2 Sec.8.3.1.2 Sec.8.4.2.4	IEC60945 Sec.8.2.2.2 Sec.8.3.1.2 Sec.8.4.2.4	IEC60945 Sec.8.2.2.2 Sec.8.3.1.2 Sec.8.4.2.4	IEC60945 Sec.8.2.1.2 Sec.8.3.1.2 Sec.8.4.2.6	IEC60945 Sec.8.2.1.2 Sec.8.3.1.2 Sec.8.4.1.2
Storage Temp	IEC60945 Sec.8.2.1.2 Sec.8.4.1.2	IEC60945 Sec.8.2.1.2 Sec.8.4.1.2	IEC60945 Sec.8.2.1.2 Sec.8.4.1.2	IEC60945 Sec.8.2.1.2 Sec.8.4.1.2	IEC60945 Sec.8.2.1.2 Sec.8.4.1.2	IEC60945 Sec.8.2.1.2 Sec.8.4.1.2	IEC60945 Sec.8.2.1.2 Sec.8.4.1.2
Thermal Shock (Note1)	IEC60945 N/AP	IEC60945 N/AP	IEC60945 N/AP	IEC60945 N/AP	IEC60945 N/AP	IEC60945 Sec.8.5.2	IEC60945 Sec.8.5.2
Solar Radiation	IEC60945 Sec.8.10.3	IEC60945 Sec.8.10.3	IEC60945 Sec.8.10.3	IEC60945 Sec.8.10.3	IEC60945 Sec.8.10.3	IEC60945 Sec.8.10.3	IEC60945 Sec.8.10.3
Humidity	IEC60945 Sec.8.3.1.2	IEC60945 Sec.8.3.1.2	IEC60945 Sec.8.3.1.2	IEC60945 Sec.8.3.1.2	IEC60945 Sec.8.3.1.2	IEC60945 Sec.8.3.1.2	IEC60945 Sec.8.3.1.2
Rain (Note2)	IEC60945 N/AP	IEC60945 N/AP	IEC60945 N/AP	IEC60945 N/AP	IEC60945 N/AP	IEC60945 Sec.8.8.2	IEC60945 Sec.8.8.2
Sand and Dust (Note 3)	N/AV	N/AV	N/AV	N/AV	N/AV	N/AV	N/AV
Atmospheric Salt	IEC60945 Sec.8.12.3	IEC60945 Sec.8.12.3	IEC60945 Sec.8.12.3	IEC60945 Sec.8.12.3	IEC60945 Sec.8.12.3	IEC60945 Sec.8.12.3	IEC60945 Sec.8.12.3
İcing	IEC60945 N/AP	IEC60945 N/AP	IEC60945 N/AP	IEC60945 N/AP	IEC60945 N/AP	IEC60945 Sec.8.4.2.4	IEC60945 Sec.8.4.2.4
Vibration	IEC60945 Sec.8.7.2	IEC60945 Sec.8.7.2	IEC60945 Sec.8.7.2	IEC60945 Sec.8.7.2	IEC60945 Sec.8.7.2	IEC60945 Sec.8.7.2	IEC60945 Sec.8.7.2
Drop (Note 4)	IEC60945 N/AP	IEC60945 N/AP	IEC60945 N/AP	IEC60945 N/AP	IEC60945 N/AP	IEC60945 N/AP	IEC60945 N/AP
Magnetic Field (Note 5)	Note.5	Note.5	Note.5	IEC60945 Sec.12.3.3.2	Note.5	N/AV	N/AV
Ventilation (Note 6)	IEC60945 N/AP	IEC60945 N/AP	IEC60945 N/AP	IEC60945 N/AP	IEC60945 N/AP	N/AV	N/AV
Atmospheric Pressure	IEC60945 N/AP	IEC60945 N/AP	IEC60945 N/AP	IEC60945 N/AP	IEC60945 N/AP	N/AV	N/AV
Sea-water Densit	IEC60945 N/AP	IEC60945 N/AP	IEC60945 N/AP	IEC60945 N/AP	IEC60945 N/AP	IEC60945 N/AP	IEC60945 N/AP
Sea-water Temprature	IEC60945 N/AP	IEC60945 N/AP	IEC60945 N/AP	IEC60945 N/AP	IEC60945 N/AP	IEC60945 N/AP	IEC60945 N/AP
EMI/EMC (MIL-STD-461)	N/AV	N/AV	N/AV	N/AV	N/AV	N/AV	N/AV
EMI/EMC (IEC60945)	IEC60945 Sec.9.2.2 Sec.9.3.2 Sec.10.3.2 Sec.10.4.2 Sec.10.7.3	IEC60945 Sec.9.2.2 Sec.9.3.2 Sec.10.3.2 Sec.10.4.2 Sec.10.7.3	IEC60945 Sec.9.2.2 Sec.9.3.2 Sec.10.3.2 Sec.10.4.2 Sec.10.7.3	IEC60945 Sec.9.2.2 Sec.9.3.2 Sec.10.3.2 Sec.10.4.2 Sec.10.7.3	IEC60945 Sec.9.2.2 Sec.9.3.2 Sec.10.3.2 Sec.10.4.2 Sec.10.7.3	IEC60945 Sec.9.2.2 Sec.9.3.2 Sec.10.3.2 Sec.10.4.2 Sec.10.7.3	IEC60945 Sec.9.2.2 Sec.9.3.2 Sec.10.3.2 Sec.10.4.2 Sec.10.7.3
Compass Safety Distance	IEC60945 Se.11.2.2	IEC60945 Se.11.2.2	IEC60945 Se.11.2.2	IEC60945 Se.11.2.2	IEC60945 Se.11.2.2	IEC60945 Se.11.2.2	IEC60945 Se.11.2.2
Electromagnetic radio frequency radiation	IEC60945 N/AP	IEC60945 N/AP	IEC60945 N/AP	IEC60945 N/AP	IEC60945 N/AP	IEC60945 Sec.12.2.1	IEC60945 N/AP
MIL-STD-810F (Note7)	N/AV	N/AV	N/AV	MIL-STD-810F	N/AV	N/AV	N/AV

Note 1 : Equipments for only out off-deck (Antennas).

Note 2 : Equipments for only out off-deck (Antennas).

Note 3 : Not applicable.

Note 4 : All equipments are non portable.

Note 5 : There is only rugged laptop LCD display (Not CRT display).

Note 6 : All in-deck equipments are fanless except than off-deck antennas.

Note 7 : Computer (Panasonic CF- Toughbook) is tested in accordance to MIL-STD-810F certificate

N/AV : Not Available

N/AP : Not Applicable

Ref1 : TS-EN 60945 (TS_EN_60945.pdf)

Ref2 : Environmental Test Report for Panasonic CF-Toughbook (CF_Test_MIL_STD_810.pdf)