



QREBS-2

QREBS allows an evaluation of used objects based on their age.

QREBS-2

NEW OBJECTS

New objects determine QREBS values without adjustment.

For example, a new Communicator Q=5 Period= 5 (= Six Months) R= 0 is Reliability Neutral when New. After six months, it falls to Reliability= -1, after another six months, it falls to Reliability= -2.

OLDER OBJECTS

When a used or older object is acquired, determine its

True Age and Working Age.

True Age (also Chronological Age) is the number of years since the object was created or manufactured. It is determined from the True Age Table.

Working Age is the number of years the object has been in use. Since use wears an object out, Working Age is the important value in determining Quality and Reliability.

WORKING AGE

Working Age = Good Flux (in Periods)

AGING THE OBJECT

Create QREBS. Determine its Working Age (= Good Flux in Periods). Reduce Reliability by Working Age in Periods. .

For example, Eleri Dinsha has acquired a Jump Drive Diagnosticator QREBS= 5 0 0 0 0. Period= 5 = 6 Months. Working Age = Good Flux times Period = +2 x 6 months = 1 Year. True Age (from Table) = Flux = -3 = 25 Years.

This device was manufactured 25 years ago, but has only been used for a year. Reduce Reliability Minus Working Age in Periods (= -2), downgrading Reliability to -2.

This Jump Drive Diagnosticator QREBS = 5 -2 0 0 0 is unremarkable except it has a -2 Reliability Mod.

TRUE AGE

Flux	Current	Antique	Artifact	Surplus	Experi
- 5	50	400	RR	100	20
- 4	35	300	1300	90	10
- 3	25	250	1200	80	9
- 2	21	210	1100	70	8
- 1	18	180	1000	60	7
0	15	150	900	50	6
+1	12	120	800	40	5
+2	9	100	700	30	4
+3	6	80	600	20	3
+4	3	60	500	10	2
+5	new	50	400	new	1

Values are in Years before the present date. Determine the current date and subtract the value on this table.

RR= Reroll and add 1000.

True Age. This table provides the true age of the object.

Storage. The Object has been in Storage (was not used, did not degrade in Quality) for the period between Working Age and True Age. A Communicator with True Age = 100 Years and Working Age = 1 year has been in Storage for 99 years: it is Like New.

CALCULATING QREBS

Q	R	E	B	S		Wa	P
Quality	Reliability	Ease Of Use	Bulk /Burden	Safety		Working Age	Period
QUA 2D-2	REL Flux	EOU Flux	BUR Flux	SAF Flux		Good Flux	=Quality

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Adjust R=
- Wa/P

1. Quality = 2D-2. Usually ranges from 10 Excellent to 0 Very Bad.
2. Reliability = Flux. Provides the value for a New object. Ranges from +5 Very Reliable to - 5 Very Unreliable.
3. Ease Of Use = Flux. Ranges from +5 Very easy to use to -5 Very difficult to use.
4. Bulk/Burden = Flux. Ranges from +5 very burdensome to -5. Very easy to carry
5. Safety = Flux. Ranges from +5 Very safe to -5 very hazardous.
6. Period = Quality. Determine the units of time from the Quality Table.
7. Working Age= Good Flux (in Periods).
8. True Age = from Table.
9. Adjust Reliability (= minus subtract Working Age divided by Period; drop fractions).