

INTRODUCTION:

This proposal is to reduce the devaluation of WPRS points in the first 12 months after they are scored. The current system is punitive to pilots when it comes to selection for important events that select by WPRS and it does not fairly allow pilots to be compared in the same season.

If two pilots select events to attend according to their available holidays and geographic access to events and they both score the same in their respective events they will have a differing score throughout the current season merely because the events occurred in different months of the season. This can even serve to favour pilots in different hemispheres, according to seasons.

No league operates in this manner and neither should the WPRS.

PROPOSAL:

1. Modify the existing formula by changing the ***Td_a*** and ***Td_b*** parameters. An example of this is shown below. It changes the devaluation from 91% to 94.1% in the first year, but reduces the full period of WPRS time devaluation from 1096 to 1060 days.
2. Postpone this for now and use a different formula that maintains the 1096 day devaluation period. This could be tasked to the Software group if the first year requirements are provided.

Changing the current Td parameters:

Td_a	2	Td_a	4
Td_b	20	Td_b	12

Days	Months	Current	Proposed
0	0	99.902%	99.976%
91	3	99.692%	99.903%
182	6	99.033%	99.615%
273	9	97.007%	98.484%
365	12	91.009%	94.146%
455	15	76.429%	80.402%
546	18	50.632%	50.759%
637	21	24.495%	20.573%
730	24	9.095%	5.939%
819	27	3.144%	1.609%
910	30	1.016%	0.409%
1001	33	0.324%	0.103%
1096	36	0.098%	0.024%
1186	39	0.031%	0.006%

The resultant curve:

