

ANNEX 1  
 CALCULATION OF MEMBERSHIP FEES  
 As approved by Council 4-5 April 2014 and applicable as of 1 January 2015

§1 Introduction

For Member Societies the annual membership fee is calculated in a step model. The step model is based on an effective number of members ('units')  $N_{\text{eff},s}$  for each Member Society  $s$ . The effective number of members  $N_{\text{eff},s}$  takes into account that the Member Society  $s$  may charge for the members  $N_{i,s}$  in a certain category  $i$  a fraction  $C_{i,s}$  of the full national membership fee.

The fees per effective member that apply in the step model are given in TABLE 1. From the effective number of members, for the first 1000 the fee is 11,5 €/effective member, for those between 1001 and 2000 it is 11,0 €/effective member, for those between 2001 and 5000 it is 10,5 €/effective member and for those above 5000 the fee is 8,4 €/effective member.

The membership fee  $F_s$  for each society is calculated as in TABLE 2.

The sum of the fees  $F_s$  over all societies gives the total membership fee  $F_{\text{tot}}$  of the Member Societies. The sum of the effective members  $N_{\text{eff},s}$  over all societies gives the total effective number of members  $N_{\text{eff}}$ . Dividing the total membership fee  $F_{\text{tot}}$  by  $N_{\text{eff}}$  and rounding this number to the first decimal gives the average unit fee  $M_{\text{av}}$ . This number is the basis for the calculation of the membership fee for the individual members as given in TABLE 3.

Summary of the Symbols

- $N_{i,s}$ : number of members in the category  $i$  of the society  $s$
- $C_{i,s}$ : fraction of the full fee charged to the member category  $i$  of the society  $s$
- $N_{\text{eff},s}$ : effective number of members of society  $s$
- $N_{\text{eff}}$ : total effective number of members
- $F_s$ : membership fee of society  $s$
- $F_{\text{tot}}$ : membership fee of all societies
- $M_{\text{av}}$ : average unit fee

§2 Effective number of members of society  $s$

The effective number of members of society  $s$  is calculated according to the following formula with the summation  $i$  running over the various member categories of society  $s$ :

$$N_{\text{eff},s} = \sum_i C_{i,s} N_{i,s}$$

The total effective number of members is

$$N_{\text{eff}} = \sum_s N_{\text{eff},s}$$

§3 Step model

$N_{\text{eff},s}$	€/ effective member
1 - 1000	11,5
1001 - 2000	11,0
2001 - 5000	10,5
5001 - ...	8,4

TABLE 1:  $N_{\text{eff},s}$  and fee steps in the step model.

From the effective number of members, for the first 1000 the fee is 11,5 €/effective member, for those between 1001 and 2000 it is 11,0 €/effective member, for those between 2001 and 5000 it is 10,5 €/effective member and for those above 5000 the fee is 8,4 €/effective member.

§4 Calculation of the membership fee for society  $s$

$N_{\text{eff},s}$	Fee for Member Society $s$
1 - 1000	$F_s = 11,5 \times N_{\text{eff},s}$
1001 - 2000	$F_s = 11,5 \times 1000 + 11 \times (N_{\text{eff},s} - 1000)$
2001 - 5000	$F_s = 11,5 \times 1000 + 11 \times 1000 + 10,5 \times (N_{\text{eff},s} - 2000)$
5001 - ...	$F_s = 11,5 \times 1000 + 11 \times 1000 + 10,5 \times 3000 + 8,4 \times (N_{\text{eff},s} - 5000)$

TABLE 2: Formulas for the calculation of the membership fee of Member Society  $s$

For a Member Society with an effective number of members as given in the left column, the membership fee is calculated using the expression in the corresponding right column.

§5 Total membership fee and average unit fee

The total member fee from all Member Societies is given by

$$F_{\text{tot}} = \sum_s F_s$$

The average unit fee (with respect to the effective number of members) is given by  $F_{\text{tot}}/N_{\text{eff}}$  rounded to the first decimal digit:

$$M_{\text{av}} = \frac{F_{\text{tot}}}{N_{\text{eff}}} \Big|_{\text{rounded to the first decimal digit}}$$

Rounded off, the average unit fee is:

$$M_{\text{av}} = 10,0 \text{ €}$$

§6 Membership fee of Individual Members

The membership fee for members according to Art.3 a) ... e) is calculated as the average unit fee multiplied by the number of units given in TABLE 3:

Category	Member	Units
3.3 a)	Full	2,5
	Below 30 years of age	1,8
	Retired	1,8
	Teachers/Students	1,8
3.3 b)	Full	5
	Below 30 years of age	2,5
	Retired	2,5
	Teachers/Students	1,8
3.3 c)	Full	7
	Below 30 years of age	3,5
	Retired	3,5
3.3 d)	Student	1,8
3.3 e)	Teacher	1,8

TABLE 3: Units for the various Individual Member categories