

## Appendix 2: Actuarial factors

In this appendix under 'General' some general principles are stated, currently used in preparing the actuarial factors of the Fund which are applicable when determining the rights and entitlements of (Former) Members. Additionally, for a number of cases the applicable actuarial factors are stated with reference to the relevant articles of the Plan rules.

### General

- In all cases where entitlements are transferred or exchanged for other entitlements in whatever way, the collective actuarial equality of value of the entitlements before and after the exchange concerned is assumed.
- The factors are equal for both men and women.
- The factors apply from 1 June 2018. The base figures used to determine the factors may vary from the base figures applicable at any time to the Fund as resulting from the ABTN.

### Article 5, paragraph 7:

Pension increase up to 72 years (High-low plan) at age 67

Prior to change	Subsequent to change	
	Retirement pension from 67 till 72 years	Retirement pension from 72 years
1.000	1.221	916
1.000	1.152	942
1.000	1.078	970

### Article 7, paragraph 1:

Advancement of Retirement pension (incl. 70% Survivor's pension) at Retirement age 67

New Retirement age	Retirement pension from 67 years	Retirement pension from new Retirement age
66	1.000	954
65	1.000	912
64	1.000	872
63	1.000	835
62	1.000	800
61	1.000	768
60	1.000	737

### Article 7, paragraph 2:

Purchasing bridging pension up to AOW pension age

New Retirement age	Retirement pension from Retirement age	Bridging pension up to 67 years of age
66	1.000	22.150
65	1.000	11.436
64	1.000	7.867
63	1.000	6.085
62	1.000	5.019
61	1.000	4.310
60	1.000	3.806

### Article 7, paragraph 3:

Deferral of Retirement pension (incl. 70% Survivor's pension) at Retirement age 67

New Retirement age	Retirement pension	New Retirement pension from Retirement age
68	1.000	1.048
69	1.000	1.102
70	1.000	1.160

### Article 10, paragraph 1:

Exchange of Survivor's pension to Retirement pension at Retirement age

Retirement age	Survivor's pension before exchange	Retirement pension after exchange
60	1.000	216
61	1.000	226
62	1.000	236
63	1.000	247
64	1.000	258
65	1.000	270
66	1.000	282
67	1.000	294

### Article 10, paragraph 3:

Exchange of Retirement pension to Survivor's pension at Retirement age 67

Percentage of Survivor's pension compared with Retirement pension after exchange	Retirement pension before exchange	Retirement pension after exchange	Associated Survivor's pension
70%	1.000	828	579
50%	1.000	871	435
25%	1.000	931	232
0%	1.000	1.000	0

### Article 15, paragraph 3:

Advancement of Retirement pension (incl. 70% Survivor's pension) at Retirement age 67

New Retirement age	Retirement pension from 67 years	Retirement pension from new Retirement age
66	1.000	954
65	1.000	912
64	1.000	872
63	1.000	835
62	1.000	800
61	1.000	768
60	1.000	737
59	1.000	708
58	1.000	681
57	1.000	655
56	1.000	631
55	1.000	608

Advancement of Retirement pension Normal retirement age 67 years\*

New Retirement age	Retirement pension from 67 years	Retirement pension from new Retirement age
66	1.000	945
65	1.000	896
64	1.000	849
63	1.000	807
62	1.000	767
61	1.000	731
60	1.000	697
59	1.000	666
58	1.000	636
57	1.000	609
56	1.000	584
55	1.000	560

\* with no Survivor's pension insured

Deferral of Retirement pension (incl. 70% Survivor's pension) at Retirement age 67

New Retirement age	Retirement pension	New Retirement pension from Retirement age
68	1.000	1.048
69	1.000	1.102
70	1.000	1.160

Deferral of Retirement pension Normal retirement age 67 years\*

New Retirement age	Retirement pension	New Retirement pension from Retirement age
68	1.000	1.059
69	1.000	1.125
70	1.000	1.200

\* with no Survivor's pension insured

### Article 15, paragraph 5:

Exchange Survivor's pension to Retirement pension on termination of employment

Age at termination of employment	Survivor's pension before exchange	Retirement pension after exchange
18	1.000	238
19	1.000	240
20	1.000	242
21	1.000	244
22	1.000	246
23	1.000	248
24	1.000	251
25	1.000	253
26	1.000	255
27	1.000	257
28	1.000	259
29	1.000	261
30	1.000	264
31	1.000	266
32	1.000	268
33	1.000	270
34	1.000	272
35	1.000	275
36	1.000	277
37	1.000	279
38	1.000	281
39	1.000	283
40	1.000	285
41	1.000	287
42	1.000	290
43	1.000	292
44	1.000	294
45	1.000	296
46	1.000	298
47	1.000	300
48	1.000	301
49	1.000	303
50	1.000	305
51	1.000	306
52	1.000	308
53	1.000	309
54	1.000	310
55	1.000	311
56	1.000	311
57	1.000	312
58	1.000	312
59	1.000	311
60	1.000	311
61	1.000	309
62	1.000	308
63	1.000	306
64	1.000	304
65	1.000	301
66	1.000	298
67	1.000	294

**Article 16, paragraph 9:**

Surrender of Retirement pension

Age	Retirement pension	Surrender amount Retirement pension at Retirement age of 67
18	1.000	7.079
19	1.000	7.233
20	1.000	7.390
21	1.000	7.549
22	1.000	7.712
23	1.000	7.878
24	1.000	8.046
25	1.000	8.218
26	1.000	8.392
27	1.000	8.570
28	1.000	8.750
29	1.000	8.933
30	1.000	9.120
31	1.000	9.309
32	1.000	9.500
33	1.000	9.695
34	1.000	9.892
35	1.000	10.092
36	1.000	10.295
37	1.000	10.500
38	1.000	10.707
39	1.000	10.916
40	1.000	11.127
41	1.000	11.340
42	1.000	11.555
43	1.000	11.770
44	1.000	11.987
45	1.000	12.204
46	1.000	12.422
47	1.000	12.639
48	1.000	12.857
49	1.000	13.077
50	1.000	13.299
51	1.000	13.523
52	1.000	13.750
53	1.000	13.980
54	1.000	14.214
55	1.000	14.452
56	1.000	14.696
57	1.000	14.944
58	1.000	15.200
59	1.000	15.461
60	1.000	15.728
61	1.000	16.002
62	1.000	16.281
63	1.000	16.566
64	1.000	16.857
65	1.000	17.152
66	1.000	17.452
67	1.000	17.755

Surrender of Survivor's pension insured on the policy

Age	Survivor's pensioen	Surrender amount
18	100	168
19	100	174
20	100	179
21	100	184
22	100	190
23	100	196
24	100	201
25	100	208
26	100	214
27	100	220
28	100	227
29	100	233
30	100	240
31	100	247
32	100	255
33	100	262
34	100	269
35	100	277
36	100	285
37	100	293
38	100	301
39	100	309
40	100	318
41	100	326
42	100	335
43	100	343
44	100	352
45	100	361
46	100	370
47	100	379
48	100	388
49	100	397
50	100	405
51	100	414
52	100	423
53	100	432
54	100	441
55	100	449
56	100	458
57	100	466
58	100	474
59	100	481
60	100	489
61	100	495
62	100	502
63	100	508
64	100	513
65	100	517
66	100	521
67	100	523

#### Article 17, paragraph 4:

Surrender of Survivor's pension in payment

Age	Survivor's pension in payment	Surrender amount
18	100	4.141
19	100	4.117
20	100	4.091
21	100	4.065
22	100	4.039
23	100	4.011
24	100	3.983
25	100	3.954
26	100	3.924
27	100	3.893
28	100	3.861
29	100	3.829
30	100	3.796
31	100	3.761
32	100	3.726
33	100	3.690
34	100	3.653
35	100	3.615
36	100	3.576
37	100	3.536
38	100	3.496
39	100	3.454
40	100	3.411
41	100	3.367
42	100	3.322
43	100	3.276
44	100	3.229
45	100	3.182
46	100	3.133
47	100	3.083
48	100	3.032
49	100	2.981
50	100	2.928
51	100	2.874
52	100	2.820
53	100	2.765
54	100	2.708
55	100	2.651
56	100	2.592
57	100	2.533
58	100	2.473
59	100	2.412
60	100	2.349
61	100	2.287
62	100	2.223
63	100	2.159
64	100	2.094
65	100	2.028
66	100	1.961
67	100	1.894



Surrender Orphan's pension

Age	Orphan's pension	Surrender amount
0	100	1.870
1	100	1.796
2	100	1.721
3	100	1.644
4	100	1.565
5	100	1.485
6	100	1.404
7	100	1.321
8	100	1.236
9	100	1.150
10	100	1.062
11	100	972
12	100	880
13	100	787
14	100	692
15	100	596
16	100	498
17	100	400
18	100	300
19	100	200
20	100	100
21	100	0

**Article 18, paragraph 4:**

Surrender Special Survivor's pension

<b>Age</b>	<b>Special Survivor's pension</b>	<b>Surrender amount</b>
18	100	168
19	100	174
20	100	179
21	100	184
22	100	190
23	100	196
24	100	201
25	100	208
26	100	214
27	100	220
28	100	227
29	100	233
30	100	240
31	100	247
32	100	255
33	100	262
34	100	269
35	100	277
36	100	285
37	100	293
38	100	301
39	100	309
40	100	318
41	100	326
42	100	335
43	100	343
44	100	352
45	100	361
46	100	370
47	100	379
48	100	388
49	100	397
50	100	405
51	100	414
52	100	423
53	100	432
54	100	441
55	100	449
56	100	458
57	100	466
58	100	474
59	100	481
60	100	489
61	100	495
62	100	502
63	100	508
64	100	513
65	100	517
66	100	521
67	100	523

**Article 29, paragraph 2:**

Purchasing from Pension capital (incl. 70% insured Survivor's pension)

Retirement age	Capital	Immediately effective life-long benefit
60	10.000	317
61	10.000	324
62	10.000	333
63	10.000	342
64	10.000	351
65	10.000	361
66	10.000	372
67	10.000	384

Purchasing from Pension capital after death

Age	Capital	Immediately effective life-long benefit
25	10.000	208
26	10.000	209
27	10.000	211
28	10.000	213
29	10.000	215
30	10.000	217
31	10.000	219
32	10.000	221
33	10.000	223
34	10.000	225
35	10.000	227
36	10.000	230
37	10.000	232
38	10.000	235
39	10.000	238
40	10.000	241
41	10.000	244
42	10.000	247
43	10.000	251
44	10.000	255
45	10.000	258
46	10.000	262
47	10.000	267
48	10.000	271
49	10.000	276
50	10.000	281
51	10.000	286
52	10.000	292
53	10.000	297
54	10.000	304
55	10.000	310
56	10.000	317
57	10.000	325
58	10.000	333
59	10.000	341
60	10.000	350
61	10.000	360
62	10.000	370
63	10.000	381
64	10.000	393
65	10.000	406
66	10.000	419
67	10.000	434

Purchasing from Pension capital on dismissal

<b>Age</b>	<b>Capital</b>	<b>Retirement pension from 67 years including 70% Survivor's pension</b>
25	10.000	851
26	10.000	832
27	10.000	814
28	10.000	796
29	10.000	779
30	10.000	762
31	10.000	745
32	10.000	729
33	10.000	714
34	10.000	699
35	10.000	684
36	10.000	670
37	10.000	656
38	10.000	642
39	10.000	629
40	10.000	616
41	10.000	604
42	10.000	592
43	10.000	581
44	10.000	569
45	10.000	559
46	10.000	548
47	10.000	538
48	10.000	528
49	10.000	519
50	10.000	510
51	10.000	501
52	10.000	492
53	10.000	484
54	10.000	476
55	10.000	468
56	10.000	460
57	10.000	452
58	10.000	444
59	10.000	437
60	10.000	430
61	10.000	423
62	10.000	416
63	10.000	409
64	10.000	402
65	10.000	396
66	10.000	390
67	10.000	384