

## Frame File PostScript Code for 1-Minus-Relation (1MR) to *setrgbcolor*

```
01 %!PS-Adobe-3.0 EPSF-3.0, 1MR for change to setrgbcolor
02 /FFM_setrgbcolor {setrgbcolor} bind def
03 /1MR-0000 {%BEG procedure 1MR-0000
04 %1MR-Transform of setgray and setcmykcolor to FFM_setrgbcolor
05
06 /setgray {%BEG procedure setgray to setrgbcolor
07         dup dup FFM_setrgbcolor
08         } def %END procedure setgray to setrgbcolor
09
10 /setcmykcolor {%BEG procedure setcmykcolor to setrgbcolor
11 /FFM_k exch def /FFM_y exch def /FFM_m exch def /FFM_c exch def
12 FFM_k 0 eq {1 FFM_c sub 1 FFM_m sub 1 FFM_y sub FFM_setrgbcolor}
13         {1 FFM_k sub dup dup FFM_setrgbcolor} ifelse
14         } def %END procedure setcmykcolor to setrgbcolor
15
16 } def %END procedure 1MR-0000
17 %%Trailer %END 1-Minus-Relation (1MR) to setrgbcolor
```

### Remarks:

line 02: necessary for the revised definition of *rgb setrgbcolor*.

*The FF\_PS file shall include line 02 before the use of 1MR-0000.*

line 06 to 08: change of *w setgray* to *rgb setrgbcolor*.

line 10 to 14: change of *cmyk setcmykcolor* to *rgb setrgbcolor*.

The PostScript code for both the changes of 1MR and gamma is in:

AEA20-7N and AEA20-8N.