

# The `sblreport` Class

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## Abstract

The `sblreport` class provides a LaTeX class producing theses conforming to the style required by the Society of Biblical Literature. It depends on `sblfonts` for Greek and Hebrew font and language support and `biblatex-sbl` for referencing.

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# 1 Introduction

The `sblreport` class creates a thesis matching the style specified in the *Student Supplement for The SBL Handbook of Style, Second Edition*. See <https://www.sbl-site.org/wp-content/uploads/2025/04/SBLHSupp2015-02.pdf>.

The class works with both `pdflatex` and the Unicode engines, but in order to make use of the SBL fonts you need to install them and use a Unicode engine (`lualatex` is recommended, especially for Hebrew).

This class is not intended to be a general flexible starting point for the requirements of all theological colleges and seminaries. In such cases you are better off beginning with the `report` class and loading `biblatex-sbl` and (possibly) `sblfonts` directly. You could use the code in this class as a guide.

## 1.1 Usage

Load the class using `\documentclass{sblreport}`. See `sbltex-thesis.pdf` in the documentation directory for an extended usage example.

The following standard commands and environments have been customised for this class:

- `\author`, `\title`, `\maketitle`
- `\tableofcontents`, `\listoffigure`, `\listoftables`
- `\section`, `\subsection`, `\subsubsection`, `\paragraph`, `\subparagraph`
- `\appendix`
- `\footnote`
- `\caption`
- `\printbibliography`, `\printbiblist{abbreviations}`
- `abstract`, `quotation`, `quote`

American, Greek and Hebrew are set up using `sblfonts` (and `babel`). A different main language can be chosen by passing the `babel` language name to the class.

## 1.2 Acknowledgements

The `sblreport` class depends on a number of other packages:

- `sblfonts` (with `fontspec`, `fontenc` and `babel`), `biblatex-sbl` (with `biblatex`)
- `csquotes`, `geometry`, `setspace`, `ragged2e`, `fancyhdr`, `caption`
- When `\DocumentMetadata` is not in use: `footmisc`, `titlesec`, `titletoc`

## 1.3 Bug Reports and Feature Requests

Bug reports and feature requests can be made at the `sbltex` GitHub repository. See <https://github.com/dcpurton/sbltex>.

**Note:** This class is only partially compatible with the L<sup>A</sup>T<sub>E</sub>X tagging project at this stage. As the tagging project stabilises and dependent packages are updated, compatibility will improve.

## 2 Package Commands

---

`\degree` `\degree {<Degree name>}`

Set the name of the degree the thesis is for. This is included on the title page.

---

`\institution` `\institution {<Institution name>}`

Set the name of the institution the thesis will be submitted at. This is included on the title page.

## 3 Package Environments

---

`acknowledgements` `\begin {<acknowledgements>}`  
`\end {<acknowledgements>}`

Add an Acknowledgements page to the thesis. The name of the section can be changed by redefining `\acknowledgementsname`.

---

`approvalpage` `\begin {<approvalpage>}`  
`\end {<approvalpage>}`

Add an approval page to the thesis. This page is empty by default.

---

`copyrightpage` `\begin {<copyrightpage>}`  
`\end {<copyrightpage>}`

Add a copyright page to the thesis. This page is empty by default.

---

`dedication` `\begin {<dedication>}`  
`\end {<dedication>}`

Add a dedication to the thesis. This page is empty by default.

---

`epigraph` `\begin {<epigraph>}`  
`\end {<epigraph>}`

Add an epigraph to the thesis. This page is empty by default.

---

`preface` `\begin {<preface>}`  
`\end {<preface>}`

Add an Preface to the thesis. The name of the section can be changed by redefining `\prefacename`.

## 4 Package Options

Items passed to the options below are *appended* to the default options rather than replacing them.

Any unrecognised options passed to the `sbreport` class are passed through to the report class.

---

**biblatex** biblatex = {*<arguments>*}      Default: {style=sbl, language=auto, autolang=hyphen}

---

These options are passed to the biblatex package.

---

**sblfonts** sblfonts = {*<arguments>*}

---

Options to pass to the sblfonts package. The defaults depend on whether the engine in use is 8bit or Unicode:

**8bit defaults:** {mainfont=tempora, grfont=Alegreya-LF, hefont=frank}

**Unicode defaults:**

```
{
  mainfont=TeXGyreTermesX,
  mainfontoptions={Extension=.otf, UprightFont=*-Regular,
    ItalicFont=*-Italic, BoldFont=*-Bold,
    BoldItalicFont=*-BoldItalic},
  sblfonts=true
}
```

Note that you will need to download and install the SBL fonts yourself from <https://www.sbl-site.org/resources/fonts/>.

## 5 Implementation

```
1 <*class>
2 <@@=sblreport>
3 \NeedsTeXFormat{LaTeX2e}
4 \ProvidesExplClass{sblreport}{2026/02/04}{1.0}
5   {Society of Biblical Literature Report Class (DCP)}
6 \clist_new:N \l__sblreport_options_to_report_class_clist
7 \keys_define:nn { sblreport }
8   {
9     , biblatex .clist_set:N = \l__sblreport_options_to_biblatex_clist
10    , sblfonts .clist_set:N = \l__sblreport_options_to_sblfonts_clist
11    , unknown .code:n = {
12                          \clist_put_right:No
13                          \l__sblreport_options_to_report_class_clist
14                          { \CurrentOption }
15                        }
16  }
17 \ProcessKeyOptions
```

Set default options.

```
18 \clist_put_left:Nn \l__sblreport_options_to_report_class_clist
19   {
20     , 12pt
21     , titlepage
22   }
23 \clist_put_left:Nn \l__sblreport_options_to_biblatex_clist
24   {
```

```

25     , style      = sbl
26     , language = auto
27     , autolang = hyphen
28   }

29 \sys_if_engine_opentype:TF
30 {
31   \clist_put_left:Nn \l__sblreport_options_to_sblfonts_clist
32   {
33     , mainfont      = TeXGyreTermesX
34     , mainfontoptions = {
35       , Extension      = .otf
36       , UprightFont    = *-Regular
37       , ItalicFont     = *-Italic
38       , BoldFont       = *-Bold
39       , BoldItalicFont = *-BoldItalic
40     }
41     , sblfonts      = true
42   }
43 }
44 {
45   \clist_put_left:Nn \l__sblreport_options_to_sblfonts_clist
46   {
47     , mainfont = tempora
48     , grfont   = Alegreya-LF
49     , hefont   = frank
50   }
51 }

```

Load report class.

```

52 \exp_args:No \PassOptionsToClass
53 { \l__sblreport_options_to_report_class_clist }
54 { report }
55 \LoadClass { report }

```

Font and language set up.

```

56 \exp_args:No \PassOptionsToPackage
57 { \l__sblreport_options_to_sblfonts_clist }
58 { sblfonts }
59 \RequirePackage { sblfonts }

```

biblatex set up.

```

60 \exp_args:No \PassOptionsToPackage
61 { \l__sblreport_options_to_biblatex_clist }
62 { biblatex }
63 \RequirePackage { biblatex }
64 \RequirePackage { csquotes }

```

## 5.1 Margins

```

65 \RequirePackage [ margin = 1in, headheight = 14.5pt ] { geometry }

```

## 5.2 Text layout

```

66 \RequirePackage { setspace }
67 \RequirePackage { ragged2e }

```

```

68 \doublespacing
69 \frenchspacing
70 \dim_set:Nn \RaggedRightParindent { 0.5in }
71 \dim_set:Nn \RaggedLeftParindent { 0.5in }
72 \dim_set:Nn \JustifyingParindent { 0.5in }
73 \RaggedRight
74 \sloppy
75 \raggedbottom
76 \sys_if_engine_luatex:F
77 {
78   \AddBabelHook [ hebrew ] { sblreport } { afterextras }
79   {
80     \raggedleft
81     \parindent 0.5in
82   }
83   \AddBabelHook { sblreport } { afterextras } { \RaggedRight }
84 }

```

### 5.3 Headers and footers

```

85 \RequirePackage { fancyhdr }
86 \pagestyle { fancy }
87 \fancyhf { }
88 \fancyhead [ R ] { \thepage }
89 \cs_set_nopar:Npn \headrulewidth { Opt }
90 \cs_set_nopar:Npn \sectionmark #1
91 {
92   \markboth
93   { \int_compare:nNt
94     { \c@secnumdepth } > { \c_zero_int }
95     { \thesection \skip_horizontal:n { 1em } }
96     #1
97   }
98   { }
99 }

```

### 5.4 Footnotes

Different handling is required for footnotes when tagging code is loaded.

```

100 \IfDocumentMetadataTF
101 {
102   \hook_gput_code:nnn { fntext / para } { sblreport }
103   { \RaggedRight }
104   \socket_new_plug:nnn { fntext / mark } { sblreport }
105   {
106     \skip_horizontal:N \footnotemargin
107     \@thefnmark . \enspace
108   }
109   \socket_assign_plug:nn { fntext / mark } { sblreport }
110   \socket_assign_plug:nn
111   { build / column / outputbox }
112   { floats-space-footnotes }
113 }
114 {
115   \RequirePackage [ bottom, ragged ] { footmisc }

```

```

116 \cs_set:Npn \@makefnmark #1
117 {
118   \dim_set_eq:NN \parindent \footnotemargin
119   \@thefnmark . \enspace
120   \footnotelayout #1
121 }
122 }

123 \dim_set:Nn \footnotemargin { 0.5in }
124 \cs_set:Npn \footnoterule
125 {
126   \kern -3pt
127   \hrule width 2in
128   \kern 2.6pt
129   \vskip -8pt
130 }
131 \dim_set:Nn \footnotesep { 20pt }

```

## 5.5 Captions

```

132 \RequirePackage [ skip = 12pt ] { caption }
133 \cs_set:Npn \thefigure
134 {
135   \arabic { figure }
136 }
137 \cs_set:Npn \thetable
138 {
139   \arabic { table }
140 }
141 \counterwithout { figure } { chapter }
142 \counterwithout { table } { chapter }

```

## 5.6 Block quotes

```

143 \IfDocumentMetadataTF
144 {
145   \hook_gput_code:nnn { begindocument / before } { sblreport }
146   {
147     \RenewDocumentEnvironment { quotation } { !O { } }
148     {
149       \UseInstance { blockenv } { quotation }
150       {
151         , begin-extra-vspace = 0pt
152         , begin-vspace = 0pt
153         , left-margin = 0.5in
154         , right-margin = 0pt
155         , para-indent = 0.5in
156         , para-vspace = 0pt
157         , final-code = \singlespacing
158                       \vspace* { -5pt }
159                       \ignorespaces
160         , #1
161       }
162     }
163     { \endblockenv }

```

```

164 \RenewDocumentEnvironment { quote } { !0 { } }
165 {
166     \UseInstance { blockenv } { quote }
167     {
168         , begin-extra-vspace = 0pt
169         , begin-vspace = 0pt
170         , left-margin = 0.5in
171         , right-margin = 0pt
172         , para-indent = 0pt
173         , para-vspace = 7pt
174         , final-code = \singlespacing
175                     \vspace* { -5pt }
176                     \ignorespaces
177         , #1
178     }
179 }
180 { \endblockenv }
181 }
182 }
183 {
184 \renewenvironment { quotation }
185 {
186     \list { }
187     {
188         \dim_set:Nn \leftmargin { 0.5in }
189         \dim_zero:N \rightmargin
190         \dim_zero:N \topsep
191         \dim_zero:N \partopsep
192         \dim_zero:N \itemsep
193         \dim_zero:N \parsep
194         \dim_set:Nn \itemindent { 0.5in }
195         \dim_set:Nn \listparindent { 0.5in }
196     }
197     \item \relax
198     \singlespacing
199     \vspace* { -5pt }
200 }
201 {
202     \endlist
203 }
204 \renewenvironment { quote }
205 {
206     \list { }
207     {
208         \dim_set:Nn \leftmargin { 0.5in }
209         \dim_zero:N \rightmargin
210         \dim_zero:N \topsep
211         \dim_zero:N \partopsep
212         \dim_zero:N \itemsep
213         \dim_set:Nn \parsep { 7pt }
214         \dim_zero:N \itemindent
215         \dim_zero:N \listparindent
216     }
217     \item \relax

```



```

218         \singlespacing
219         \vspace* { -5pt }
220     }
221     {
222         \endlist
223     }
224 }

```

## 5.7 Title page

```

225 \tl_new:N \g__sblreport_degree_tl
226 \tl_new:N \g__sblreport_institution_tl

227 \cs_new_protected:Npn \degree #1
228 {
229     \tl_gset:Nn \g__sblreport_degree_tl { #1 }
230 }

231 \cs_new_protected:Npn \institution #1
232 {
233     \tl_gset:Nn \g__sblreport_institution_tl { #1 }
234 }

235 \author { [Your ~ Name] }
236 \title { Title ~ of ~ Paper }
237 \tl_gset:Nn \g__sblreport_degree_tl { [Degree ~ Name] }
238 \tl_gset:Nn \g__sblreport_institution_tl { [Name ~ of ~ Institution] }

239 \cs_set_protected:Npn \maketitle
240 {
241     \newgeometry { top=2in, bottom=2in }
242     \pagenumbering { roman }
243     \thispagestyle { empty }
244     \group_begin:
245         \singlespacing
246         \centering
247         \MakeUppercase { \g__sblreport_institution_tl } \para_end:
248         \vfill
249         \doublespacing
250         \MakeUppercase { \@title } \para_end:
251         \vfill
252         \singlespacing
253         \MakeUppercase { Submitted ~ to ~ the ~ Faculty } \para_end:
254         \MakeUppercase { in ~ Partial ~ Fulfilment ~ of ~ the } \para_end:
255         \MakeUppercase { Requirements ~ for ~ the ~ Degree } \para_end:
256         \MakeUppercase { \g__sblreport_degree_tl } \para_end:
257         \vfill
258         \MakeUppercase { By } \para_end:
259         \MakeUppercase { \@author } \para_end:
260         \MakeUppercase { \@date } \para_end:
261     \group_end:
262     \restoregeometry
263 }

```

## 5.8 Front matter environments

```

264 \RenewDocumentEnvironment { abstract } { }
265 {

```

```

266     \chapter* { \abstractname }
267     \addcontentsline { toc } { chapter } { \abstractname }
268 }
269 { }

270 \cs_set_nopar:Npn \acknowledgementsname { Acknowledgements }
271 \NewDocumentEnvironment { acknowledgements } { }
272 {
273     \chapter* { \acknowledgementsname }
274     \addcontentsline { toc } { chapter } { \acknowledgementsname }
275 }
276 { }

277 \cs_set_nopar:Npn \prefacename { Preface }
278 \NewDocumentEnvironment { preface } { }
279 {
280     \chapter* { \prefacename }
281     \addcontentsline { toc } { chapter } { \prefacename }
282 }
283 { }

284 \NewDocumentEnvironment { copyrightpage } { }
285 {
286     \clearpage
287     \thispagestyle { empty }
288 }
289 { }

290 \NewDocumentEnvironment { approvalpage } { }
291 {
292     \clearpage
293     \thispagestyle { empty }
294 }
295 { }

296 \NewDocumentEnvironment { dedication } { }
297 {
298     \clearpage
299     \thispagestyle { empty }
300 }
301 { }

302 \NewDocumentEnvironment { epigraph } { }
303 {
304     \clearpage
305     \thispagestyle { empty }
306 }
307 { }

```

## 5.9 Section titles

For documents using `\DocumentMetadata` use standard kernel commands to redefine section headings, otherwise use the `titlesec` package.

```

308 \IfDocumentMetadataTF
309 {
310     \cs_set:Npn \section
311     {

```

```

312     \hook_gput_code:nnn { para / end } { sblreport }
313     { \dim_zero:N \hangindent }
314     \@startsection { section } { 1 } { Opt } { -37pt } { 1sp }
315     { \singlespacing \normalfont \normalsize \bfseries \centering }
316   }
317   \cs_set:Npn \subsection
318   {
319     \hook_gput_code:nnn { para / end } { sblreport }
320     { \dim_zero:N \hangindent }
321     \@startsection { subsection } { 2 } { Opt } { -37pt } { 1sp }
322     { \singlespacing \normalfont \normalsize \centering }
323   }
324   \cs_set:Npn \subsubsection
325   {
326     \@startsection { subsubsection } { 3 } { Opt } { -37pt } { 1sp }
327     { \singlespacing \normalfont \normalsize \bfseries \itshape }
328   }
329   \cs_set:Npn \paragraph
330   {
331     \@startsection { paragraph } { 4 } { Opt } { -37pt } { 1sp }
332     { \singlespacing \normalfont \normalsize }
333   }
334   \cs_set:Npn \subparagraph
335   {
336     \@startsection { subparagraph } { 5 } { Opt } { -37pt } { -1em }
337     { \singlespacing \normalfont \normalsize \bfseries }
338   }
339 }
340 {
341   \RequirePackage { titlesec }
342   \titlespacing* { \chapter } { Opt } { 37pt } { 24pt }
343   \titlespacing* { \section } { Opt } { 37pt } { 0pt }
344   \titlespacing* { \subsection } { Opt } { 37pt } { 0pt }
345   \titlespacing* { \subsubsection } { Opt } { 37pt } { 0pt }
346   \titlespacing* { \paragraph } { Opt } { 37pt } { 0pt }
347   \titlespacing* { \subparagraph } { Opt } { 37pt } { 0pt }
348   \titleformat
349   { \chapter }
350   [ display ]
351   { \normalfont \normalsize \singlespacing \filcenter }
352   {
353     \__sblreport_if_page_numbering:nT { roman }
354     { \pagenumbering { arabic } }
355     \MakeUppercase \chaptername \space \thechapter
356   }
357   { 12pt }
358   { \MakeUppercase }
359   \titleformat
360   { \section }
361   [ block ]
362   { \normalfont \normalsize \singlespacing \bfseries \filcenter }
363   { \thesection }
364   { 0.5em }

```

```

365     { }
366   \titleformat
367     { \subsection }
368     [ block ]
369     { \normalfont \normalsize \singleline \filcenter }
370     { \thesubsection }
371     { 0.5em }
372     { }
373   \titleformat
374     { \subsubsection }
375     [ block ]
376     { \normalfont \normalsize \singleline \bfseries \itshape \filright }
377     { \thesubsubsection }
378     { 0.5em }
379     { }
380   \titleformat
381     { \paragraph }
382     [ block ]
383     { \normalfont \normalsize \singleline \filright }
384     { \theparagraph }
385     { 0.5em }
386     { }
387   \titleformat
388     { \subparagraph }
389     [ runin ]
390     { \normalfont \normalsize \bfseries }
391     { \thesubparagraph }
392     { 1em }
393     { }
394 }

```

## 5.10 Table of contents and list of figures/tables

```

395 \int_set:Nn \c@tocdepth { 2 }
396 \hook_gput_code:nnn { cmd / @starttoc / before } { sblreport }
397 {
398   \hook_gput_next_code:nn { cmd / @input / before }
399   { \singleline }
400 }
401 \cs_set:Npn \tableofcontents
402 {
403   \chapter* { \contentsname }
404   \mkboth
405     { \contentsname }
406     { \contentsname }
407   \@starttoc { toc }
408 }
409 \cs_set:Npn \listoffigures
410 {
411   \chapter* { \listfigurename }
412   \addcontentsline { toc } { chapter } { \listfigurename }
413   \mkboth
414     { \listfigurename }

```

```

415     { \listfigurename }
416     \@starttoc { lof }
417 }

418 \cs_set:Npn \listoftables
419 {
420     \chapter* { \listtablename }
421     \addcontentsline { toc } { chapter } { \listtablename }
422     \mkboth
423     { \listfigurename }
424     { \listfigurename }
425     \@starttoc { lot }
426 }

```

For documents using `\DocumentMetadata` use standard kernel commands to redefine table of contents lines, otherwise use the `titletoc` package.

```

427 \IfDocumentMetadataTF
428 {
429     \text_declare_expand_equivalent:Nn \numberline
430     {
431         \exp_not:n { \numberline }
432     }
433     \hook_gput_code:nnn { cmd / @dottedtocline / before }
434     { sblreport }
435     {
436         \addvspace { \baselineskip }
437     }
438     \hook_gput_code_with_args:nnn { contentsline / text / after }
439     { sblreport }
440     {
441         \int_compare:nNtT {#1} > { -1 }
442         {
443             \cs_set_nopar:Npn \leaders ##1 ##2 { }
444             \hook_gput_next_code:nn { cmd / SuspendTagging / after }
445             {
446                 \cs_set_nopar:Npn \leaders ##1 ##2 { }
447             }
448         }
449     }
450     \cs_set_nopar:cpn { contentsline@text@0@format }
451     { \MakeUppercase }
452     \cs_set_nopar:Npn \numberline #1
453     {
454         \hook_use:nnw { contentsline / number / before } { 1 } {#1}
455         #1 \enspace
456         \hook_use:nnw { contentsline / number / after } { 1 } {#1}
457     }
458     \cs_set_nopar:Npn \l@chapter
459     {
460         \@dottedtocline { 0 } { 0em } { 0em }
461     }
462     \cs_set_nopar:Npn \l@section
463     {
464         \@dottedtocline { 1 } { 1em } { 0em }

```

```

465     }
466     \cs_set_nopar:Npn \l@subsection
467     {
468         \@dottedtocline { 2 } { 2em } { 0em }
469     }
470     \cs_set_nopar:Npn \l@subsubsection
471     {
472         \@dottedtocline { 3 } { 3em } { 0em }
473     }
474     \cs_set_nopar:Npn \l@paragraph
475     {
476         \@dottedtocline { 4 } { 4em } { 0em }
477     }
478     \cs_set_nopar:Npn \l@subparagraph
479     {
480         \@dottedtocline { 5 } { 5em } { 0em }
481     }

```

Redefine \@chapter and \@schapter to format chapter headings.

```

482     \cs_set_nopar:Npn \@chapter [#1]#2
483     {
484         \__sblreport_if_page_numbering:nT { roman }
485         { \pagenumbering { arabic } }
486         \mode_leave_vertical:
487         \par
488         \addvspace { 37pt }
489         \int_compare:nNnTF { \c@secnumdepth } > { -1 }
490         {
491             \refstepcounter { chapter }
492             \addcontentsline { toc } { chapter }
493             { \chaptername \space \thechapter : \enspace #1 }
494         }
495         {
496             \addcontentsline { toc } { chapter } {#1}
497         }
498         \group_begin:
499         \dim_zero:N \parindent
500         \centering
501         \interlinepenalty 10000
502         \normalfont
503         \int_compare:nNnT { \c@secnumdepth } > { -1 }
504         {
505             \MakeUppercase { \chaptername } \nobreakspace \thechapter
506             \par
507             \nobreak
508         }
509         \singlespacing
510         \MakeUppercase {#2}
511         \markboth { } { }
512         \par
513         \group_end:
514         \nobreak
515         \skip_vertical:N \baselineskip
516         \@afterheading

```

```

517     }
518     \cs_set_nopar:Npn \@schapter #1
519     {
520         \mode_leave_vertical:
521         \par
522         \addvspace { 37pt }
523         \group_begin:
524             \dim_zero:N \parindent
525             \centering
526             \interlinepenalty 10000
527             \normalfont
528             \singlespacing
529             \MakeUppercase {#1}
530         \par
531         \group_end:
532         \nobreak
533         \skip_vertical:N \baselineskip
534         \@afterheading
535     }
536 }
537 {
538     \RequirePackage { titletoc }

```

`\_sblreport_hyperlink:nn`  $\{\langle link \rangle\} \{\langle text \rangle\}$

A convenience version of `\hyperlink` that just uses  $\langle text \rangle$  if `hyperref` isn't loaded.

```

539     \cs_new_protected:Nn \_sblreport_hyperlink:nn
540     {
541         \cs_if_exist_use:NTF \hyperlink
542             { { #1 } { #2 } }
543             { #2 }
544     }

```

(End of definition for `\_sblreport_hyperlink:nn`.)

```

545     \titlecontents { figure }
546     [ 2em ]
547     { \hspace* { 2em } \filright }
548     {
549         \_sblreport_hyperlink:nn
550         { \Hy@tocdestname }
551         { \makebox [ 2em ] [ l ] { \thecontentslabel . \enspace } }
552     }
553     { }
554     { \hspace { 0.5em } \titlerule* [ 0.5pc ] { . } \contentspage }
555     \titlecontents { table }
556     [ 2em ]
557     { \hspace* { 2em } \filright }
558     {
559         \_sblreport_hyperlink:nn
560         { \Hy@tocdestname }
561         { \makebox [ 2em ] [ l ] { \thecontentslabel . \enspace } }
562     }
563     { }
564     { \hspace { 0.5em } \titlerule* [ 0.5pc ] { . } \contentspage }

```

```

565 \titlecontents { chapter }
566 [ Opt ]
567 { \singlespacing \filright }
568 {
569   \_sblreport_hyperlink:nn
570   { \Hy@tocdestname }
571   {
572     \MakeUppercase { \chaptername } \space
573     \thecontentslabel : \enspace
574   }
575   \MakeUppercase
576 }
577 { \MakeUppercase }
578 { \hspace { 0.5em } \titlerule* [ 0.5pc ] { . } \contentspage }
579 \titlecontents { section }
580 [ 1em ]
581 { \singlespacing \filright }
582 { }
583 { }
584 { \hfill \contentspage }
585 \titlecontents { subsection }
586 [ 2em ]
587 { \singlespacing \filright }
588 { }
589 { }
590 { \hfill \contentspage }
591 \titlecontents { subsubsection }
592 [ 3em ]
593 { \singlespacing \filright }
594 { }
595 { }
596 { \hfill \contentspage }
597 \titlecontents { paragraph }
598 [ 4em ]
599 { \singlespacing \filright }
600 { }
601 { }
602 { \hfill \contentspage }
603 \titlecontents { subparagraph }
604 [ 5em ]
605 { \singlespacing \filright }
606 { }
607 { }
608 { \hfill \contentspage }
609 }

```

## 5.11 Appendices

Set up appendix headings and table of contents.

```

610 \cs_set_eq:NN \sblreport@hyperlink \_sblreport_hyperlink:nn
611 \newcounter { sblreport@appendix@count }

612 \cs_new_protected:Nn \_sblreport_set_up_appendices:
613 {

```



```

614 \cs_set_nopar:Npn \chaptername { \appendixname }
615 \addtocontents { toc } { \def \protect \chaptername { \appendixname } }
616 \int_compare:nNnT { \c@sblreport@appendix@count } = { \c_one_int }
617 {
618   \int_zero:N \c@sblreport@appendix@count
619 }
620 \IfDocumentMetadataTF
621 {
622   \cs_set_nopar:Npn \@chapter [##1]##2
623   {
624     \addvspace { 37pt }
625     \stepcounter { sblreport@appendix@count }
626     \int_compare:nNnTF { \c@secnumdepth } > { -1 }
627     {
628       \refstepcounter { chapter }
629       \protected@write \@auxout
630       { }
631       {
632         \string \setcounter
633         { sblreport@appendix@count } { \the \c@chapter }
634       }
635       \addcontentsline { toc } { chapter }
636       {
637         \chaptername
638         \ifnum \c@sblreport@appendix@count > 1
639           \space \thechapter
640         \fi
641         : \enspace ##1
642       }
643     }
644     {
645       \addcontentsline { toc } { chapter } {##1}
646     }
647     \group_begin:
648     \dim_zero:N \parindent
649     \centering
650     \interlinepenalty 10000
651     \normalfont
652     \int_compare:nNnT { \c@secnumdepth } > { -1 }
653     {
654       \MakeUppercase { \chaptername }
655       \int_compare:nNnT
656       { \c@sblreport@appendix@count } > { \c_one_int }
657       {
658         \nobreakspace \thechapter
659       }
660       \par
661       \nobreak
662     }
663     \singlespacing
664     \MakeUppercase {##2}
665     \markboth { } { }
666     \par
667     \group_end:

```

```

668         \nobreak
669         \skip_vertical:N \baselineskip
670         \@afterheading
671     }
672 }
673 {
674     \titleformat
675     { \chapter }
676     [ display ]
677     {
678         \stepcounter { sblreport@appendix@count }
679         \protected@write \@auxout
680         { }
681         {
682             \protect \setcounter
683             { sblreport@appendix@count } { \the \c@chapter }
684         }
685         \singlespacing \normalfont \normalsize \filcenter
686     }
687     {
688         \MakeUppercase { \chaptername }
689         \ifnum \c@sblreport@appendix@count > 1
690             \strut \space \thechapter
691         \fi
692     }
693     { 12pt }
694     { \MakeUppercase }
695     \titlecontents { chapter }
696     [ Opt ]
697     { \singlespacing \filright }
698     {
699         \sblreport@hyperlink
700         { \Hy@tocdestname }
701         {
702             \MakeUppercase { \chaptername }
703             \ifnum \c@sblreport@appendix@count > 1
704                 \strut \space \thecontentslabel
705             \fi
706             : \enspace
707         }
708         \MakeUppercase
709     }
710     { \MakeUppercase }
711     { \hspace { 0.5em } \titlerule* [ 0.5pc ] { . } \contentspage }
712 }
713 }
714 \hook_gput_code:nnn
715 { cmd / appendix / after }
716 { sblreport }
717 { \_sblreport_set_up_appendices: }

```

## 5.12 Bibliography and list of abbreviations

```

718 \DefineBibliographyStrings { english }
719 {
720   shorthands = { List~of~Abbreviations }
721 }
722 \cs_set_nopar:Npn \bibsetup { \singlespacing }
723 \dim_set:Nn \bibhang { 0.5in }
724 \dim_set:Nn \bibitemsep { 12pt }
725 \dim_set:Nn \biblabelsep { 0.5in }

```

### 5.13 Helper functions

`\_sblreport_if_page_numbering:nT`  $\{\langle numbering\ style\rangle\}$   $\{\langle code\ if\ true\rangle\}$

Test if the current page numbering style matches a particular style. (e.g., arabic or roman).

```

726 \prg_new_conditional:Npnn \_sblreport_if_page_numbering:n #1 { T }
727 {
728   \cs_set_nopar:Nn \_sblreport_thepage_test:
729     { \csname @ #1 \endcsname \c@page }
730   \if_meaning:w \thepage \_sblreport_thepage_test:
731     \prg_return_true:
732   \else:
733     \prg_return_false:
734   \fi:
735 }

```

(End of definition for `\_sblreport_if_page_numbering:nT`.)

```

736 \endinput
737 \</class>

```