

# HSR–Stud Document Classes

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## 1 Purpose of these document classes

The following document classes were made by and for the HSR-Stud organization. These classes are intended to be used to create beautiful summaries and cheat sheets. Available classes are:

**`hsrzf`** For summaries (Zusammenfassung)

**`hsrbericht`** For reports (Bericht)

## 2 Class Options

**`sans`** Use Sans-Serif fonts (`cmbright` and `hfbright`).

**`slab`** Use Slab-Serif fonts (`bitter` and `eulervm`).

**`margin=<size>`** Sets up margins to reasonable size.

\* Any other given option is passed to the underlying class (article).

Size	H	V	Size	H	V
huge	45	40	small	20	20
large	35	35	tiny	10	20
big	30	30	minimal	5	20
normal	25	30			

Table 1: Sizes for the `margin` option. All sizes are in millimeters

### 3 Extra Metadata

Thanks to the `titling` package, normal metadata informations are available through the following commands: `\theauthor`, `\thedata`, `\thetitle`. Additionally, more metadata variables have been created for this class, to conserve informations related to the university course.

`\course` The degree programme of the discussed subject. Example: `Elektrotechnik`

`\module` Short name of the module according to the class schedule. Example: `ComEng1`

`\semester` Semester during which the summarized subject was taught. Example: `FS20`

`\institute` Internal institute in which the module was taught. This field is optional.

`\authoremail` Email of the author. This field is optional.

`\maintainer` Name of the person maintaining the work. This field is optional.

`\contributors` List of names of those who have contributed to the document. This field is optional.

Like `\date`, `\title`, etc. these fields have too an accessor macro `\the<metadata>`. For example: `\thecourse`, `\themodule`, and so on.

## 4 Zusammenfassung `hsrzf` class

This class is intended to be used to write short summaries.

### 4.1 Class options

`header` Use the HSR-Stud standard header. The option `noheader` disables the header.

## 5 Bericht `hsrbericht` class

This class tries to conform to the indications given by the communication department of the HSR. The specifications are found in the “Werkzeugkastens Technische Berichte”.

### 5.1 Metadata

In addition to the metadata described in the previous section. This class requires:

`\subtitle` Pretty self explanatory.

`\category` Category assigned to the project. This field is optional.

`\project` Name or reference to your project.

`\topic` You chosen topic in the category.

`\instructor` Name of the instructor / academic that is following or has assigned your work.

`\startdate` Date when you started the project.

`\finishdate` Date when you finished the project (can be set to `\today` to keep automatically updated).

`\address` Address or place where your work is produced. This field is optional.

`\matriculationnr` Your matriculation number.

`\logo` Code to insert your logo.

`\clientlogo` Code to insert the logo of the client / research department / ....

## 6 Minimal working examples

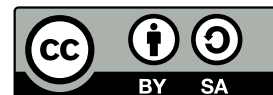
```

1 % \documentclass[margin=normal]{hsrzf}
2 %
3 % % Packages
4 % %% the HSRStud package
5 % \usepackage{hsrstud}
6 %
7 % % Metadata
8 % \course{Elektrotechnik}
9 % \module{ModAbk}
10 % \semester{Herbstsemester 2020}
11 %
12 % \authoremail{vname@hsr.ch}
13 % \author{\textsl{Vorname Name} -- \texttt{\theauthoremail}}
14 %
15 % \title{\texttt{\themodule} Zusammenfassung}
16 % \date{\thesemester}
17 %
18 % % document
19 % \begin{document}
20 % \maketitle
21 % \tableofcontents
22 % \section{Introduction}
23 % \[
24 % \quad i\hbar \partial_t \left| \psi(t) \right\rangle
25 % \quad = \hat{H} \left| \psi(t) \right\rangle
26 % \]
27 %
28 % \end{document}

```

## 7 License

This work is licensed under a [Creative Commons](https://creativecommons.org/licenses/by-sa/4.0/) “Attribution-ShareAlike 4.0 International” license.



Numbers written in *italic* refer to the page where the corresponding entry is described; numbers underlined refer to the code line of the definition; numbers in *roman* refer to the code lines where the entry is used.

4

<code>\newgeometry</code> . . .	291, 379	336, 394, 395, 405, 406	<code>\theaddress</code> . . . . .	151	
<code>\newlength</code> . . . .	244, 245	<code>\renewenvironment</code> . . .	365	<code>\theauthoremail</code> . . . .	101
<code>\noexpand</code> . . . .	83, 87,	<code>\RequirePackage</code> . . . .		<code>\thecategory</code> . . . . .	122
	91, 96, 100, 104,		20–22, 25, 173–	<code>\theclientlogo</code> . . . . .	164
	108, 116, 121, 125,		177, 181, 201–203,	<code>\thecontributors</code> . . . .	109
	129, 133, 137, 141,		219, 221, 237, 239, 377	<code>\thecourse</code> . . . . .	84
	145, 150, 154, 159, 163	<code>\results</code> . . . . .	370	<code>\thefinishdate</code> . . . . .	146
<b>P</b>		<b>S</b>		<code>\theinstitute</code> . . . . .	97
<code>\PackageError</code> 191, 209, 231		<code>\section</code> . . . . .	366	<code>\theinstructor</code> . . . . .	138
<code>\PackageWarningNoLine</code> .	61	<code>\selectfont</code> .	341, 343, 345	<code>\thelogo</code> . . . . .	160
<code>\pageref</code> 306, 320, 392, 403		<code>\semester</code> . . . . .	90, 91	<code>\themaintainer</code> . . . . .	105
<code>\pagestyle</code> . . . .	327, 409	<code>\setlength</code> . . . . .	248,	<code>\thematriculationnr</code> .	155
<code>\paragraph</code> . . . .	367–372		249, 252, 253, 256,	<code>\themodule</code> . .	88, 301, 315
<code>\PassOptionsToClass</code> . .	67		257, 260, 261, 264,	<code>\thepage</code> 306, 320, 392, 403	
<code>\PassOptionsToPackage</code>			265, 268, 269, 272,	<code>\theproject</code> . . . . .	126
	180,		273, 276, 277, 281, 282	<code>\thesemester</code> . . . . .	92
	200, 218, 220, 236, 238	<code>\SetupKeyvalOptions</code> . .	28	<code>\thestartdate</code> . . . . .	142
<code>\problem</code> . . . . .	367	<code>\startdate</code> . . . .	140, 141	<code>\thesubtitle</code> . . . . .	117
<code>\ProcessKeyvalOptions</code> .	76	<code>\subtitle</code> . . . . .	115, 116	<code>\thetopic</code> . . . . .	130
<code>\project</code> . . . . .	124, 125	<code>\suggestions</code> . . . . .	371	<code>\theversion</code> . . . . .	134
<code>\ProvidesClass</code> . . . .	6, 11			<code>\thispagestyle</code> . . . . .	338
		<b>T</b>		<code>\topic</code> . . . . .	128, 129
<b>R</b>		<code>\textbf</code> . . . .	341, 343,	<b>V</b>	
<code>\relax</code> . . . . .	60		345, 348, 352, 359, 360	<code>\version</code> . . . . .	132, 133
<code>\renewcommand</code> . . . . .		<code>\texttt</code> . . . . .		<code>\vspace</code> . . . . .	340,
	308, 309, 322, 323,		304, 305, 318, 319, 353		342, 344, 346, 350, 357

## 8 Implementation

```

1 %~A%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
2 %~A Class Headers
3
4 \hsrzf
5 \NeedsTeXFormat{LaTeX2e}
6 \ProvidesClass{hsrzf}[2020/04/05 v0.1 HSRStud Summary class]
7 \hsrzf
8
9 \hsrbericht
10 \NeedsTeXFormat{LaTeX2e}
11 \ProvidesClass{hsrbericht}[2020/05/05 v0.1 HSRStud Report class]
12 \hsrbericht
13
14 %~A%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
15 %~A Implementation
16 %
17 \hsrzf | hsrbericht
18
19 %% Coding Packages (Dependencies)
20 \RequirePackage{iftex}
21 \RequirePackage{kvoptions}
22 \RequirePackage{etoolbox}
23
24 %% Default font
25 \RequirePackage{lmodern}
26
27 %% Class options

```

```

28 \SetupKeyvalOptions{
29   family=hsr,
30   prefix=hsr@
31 }
32
33 %% Use header and footer
34 \DeclareBoolOption[false]{header}
35 \DeclareComplementaryOption{noheader}{header}
36
37 %% Use a sans-serif slab-serif or concrete font
38 \DeclareBoolOption[false]{sans}
39 \DeclareBoolOption[false]{slab}
40 \DeclareBoolOption[false]{concrete}
41
42 %% Configures the geometry package
43 %%
44 %% Possible values:
45 %% - huge      (45mm, 40mm)
46 %% - large     (35mm, 35mm)
47 %% - big       (30mm, 30mm)
48 %% - normal    (25mm, 30mm)
49 %% - small     (20mm, 20mm)
50 %% - tiny      (10mm, 20mm)
51 %% - minimal   ( 5mm, 20mm)
52 \DeclareStringOption{margin}[huge]
53
54 %% Configures the polyglossia package
55 % \DeclareStringOption[]{\lang}[german]
56
57
58 %% Pass other options to the class
59 \DeclareDefaultOption{%
60   \ifx\CurrentOptionValue\relax
61     \PackageWarningNoLine{\@currname}{%
62       Unknown option ``\CurrentOption''\MessageBreak
63       is passed to class ``article''%
64     }%
65     % Pass the option to package color.
66     % Again it is better to expand \CurrentOption.
67     \expandafter\PassOptionsToClass
68     \expandafter{\CurrentOption}{article}
69   \else
70     % Package color does not take options with values.
71     % We provide the standard LaTeX error.
72     \@unknownoptionerror
73   \fi
74 }
75
76 \ProcessKeyvalOptions{hsr}
77
78
79 %% Create new metadata fields
80
81 %% Required fields
82 \newcommand\course[1]{\gdef\hsr@course{#1}}
83 \newcommand\hsr@course{\ClassError{hsrzf}{no \noexpand\course given}{}}
84 \newcommand\thecourse{\hsr@course}
85

```

```

86 \newcommand\module[1]{\gdef\hsr@module{#1}}
87 \newcommand\hsr@module{\ClassError{hsrzf}{no \noexpand\module given}{}}
88 \newcommand\themodule{\hsr@module}
89
90 \newcommand\semester[1]{\gdef\hsr@semester{#1}}
91 \newcommand\hsr@semester{\ClassError{hsrzf}{no \noexpand\semester given}{}}
92 \newcommand\thesemester{\hsr@semester}
93
94 %% Optional fields
95 \newcommand\institute[1]{\gdef\hsr@institute{#1}}
96 \newcommand\hsr@institute{\ClassWarning{hsrzf}{no \noexpand\institute given}{}}
97 \newcommand\theinstitute{\hsr@institute}
98
99 \newcommand\authoremail[1]{\gdef\hsr@authoremail{#1}}
100 \newcommand\hsr@authoremail{\ClassWarning{hsrzf}{no \noexpand\authoremail given}{}}
101 \newcommand\theauthoremail{\hsr@authoremail}
102
103 \newcommand\maintainer[1]{\gdef\hsr@maintainer{#1}}
104 \newcommand\hsr@maintainer{\ClassWarning{hsrzf}{no \noexpand\maintainer given}{}}
105 \newcommand\themaintainer{\hsr@maintainer}
106
107 \newcommand\contributors[1]{\gdef\hsr@contributors{#1}}
108 \newcommand\hsr@contributors{\ClassWarning{hsrzf}{no \noexpand\contributors given}{}}
109 \newcommand\thecontributors{\hsr@contributors}
110 </hsrzf | hsrbericht>
111 (*hsrbericht)
112 %% The report class has some extra metadata
113
114 %% Extra title informations
115 \newcommand\subtitle[1]{\gdef\hsr@subtitle{#1}}
116 \newcommand\hsr@subtitle{\ClassError{hsrbericht}{no \noexpand\subtitle given}{}}
117 \newcommand\thesubtitle{\hsr@subtitle}
118
119 %% Project informations
120 \newcommand\category[1]{\gdef\hsr@category{#1}}
121 \newcommand\hsr@category{\ClassWarning{hsrbericht}{no \noexpand\category given}{}}
122 \newcommand\thecategory{\hsr@category}
123
124 \newcommand\project[1]{\gdef\hsr@project{#1}}
125 \newcommand\hsr@project{\ClassError{hsrbericht}{no \noexpand\project given}{}}
126 \newcommand\theproject{\hsr@project}
127
128 \newcommand\topic[1]{\gdef\hsr@topic{#1}}
129 \newcommand\hsr@topic{\ClassError{hsrbericht}{no \noexpand\topic given}{}}
130 \newcommand\thetopic{\hsr@topic}
131
132 \newcommand\version[1]{\gdef\hsr@version{#1}}
133 \newcommand\hsr@version{\ClassError{hsrbericht}{no \noexpand\version given}{}}
134 \newcommand\theversion{\hsr@version}
135
136 \newcommand\instructor[1]{\gdef\hsr@instructor{#1}}
137 \newcommand\hsr@instructor{\ClassError{hsrbericht}{no \noexpand\instructor given}{}}
138 \newcommand\theinstructor{\hsr@instructor}
139
140 \newcommand\startdate[1]{\gdef\hsr@startdate{#1}}
141 \newcommand\hsr@startdate{\ClassError{hsrbericht}{no \noexpand\startdate given}{}}
142 \newcommand\thestartdate{\hsr@startdate}
143

```

```

144 \newcommand\finishdate[1]{\gdef\hsr@finishdate{#1}}
145 \newcommand\hsr@finishdate{\ClassError{hsrbericht}{no \noexpand\finishdate given}{}}
146 \newcommand\thefinishdate{\hsr@finishdate}
147
148 %% Author informations
149 \newcommand\address[1]{\gdef\hsr@address{#1}}
150 \newcommand\hsr@address{\ClassWarning{hsrbericht}{no \noexpand\address given}{}}
151 \newcommand\theaddress{\hsr@address}
152
153 \newcommand\matriculationnr[1]{\gdef\hsr@matriculationnr{#1}}
154 \newcommand\hsr@matriculationnr{\ClassError{hsrbericht}{no \noexpand\matriculationnr given}{}}
155 \newcommand\thematriculationnr{\hsr@matriculationnr}
156
157 %% Logos informations
158 \newcommand\logo[1]{\gdef\hsr@logo{#1}}
159 \newcommand\hsr@logo{\ClassWarning{hsrbericht}{no \noexpand\logo given}{}}
160 \newcommand\thelogo{\hsr@logo}
161
162 \newcommand\clientlogo[1]{\gdef\hsr@clientlogo{#1}}
163 \newcommand\hsr@clientlogo{\ClassWarning{hsrbericht}{no \noexpand\clientlogo given}{}}
164 \newcommand\theclientlogo{\hsr@clientlogo}
165 \hsrbericht
166 \hsrzf | hsrbericht
167
168 %^^A%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
169 %^^A Setup base class
170 \LoadClass[a4paper]{article}
171
172 %% Style deps
173 \RequirePackage{geometry}
174 \RequirePackage{fancyhdr}
175 \RequirePackage{titling}
176 \RequirePackage{totpages}
177 \RequirePackage{array}
178
179 %% Insert metadata in the pdf
180 \PassOptionsToPackage{plainpages=false, pdfpagelabels, pdfusetitle}{hyperref}
181 \RequirePackage{hyperref}
182
183 %^^A%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
184 %^^A Setup Style
185 %
186
187
188 %% Configure Sans-Serif font
189 \ifhsr@sans
190   \ifhsr@slab
191     \PackageError{hsrzf}{%
192       sans ans slab options cannot be used at the same time
193     }
194   \fi
195   \ifhsr@concrete{hsrzf}{%
196     sans and concrete options cannot be used at the same time
197   }
198   \fi
199
200 \PassOptionsToPackage{T1}{fontenc}
201 \RequirePackage{fontenc}

```



```

202 \RequirePackage{cmbright}
203 \RequirePackage{sfmath}
204 \fi
205
206 %% Configure Slab-Serif font
207 \ifhsr@slab
208   \ifhsr@sans
209     \PackageError{hsrzf}{%
210       slab and sans options cannot be used at the same time
211     }
212   \fi
213   \ifhsr@concrete{hsrzf}{%
214     slab and concrete options cannot be used at the same time
215   }
216 \fi
217
218 \PassOptionsToPackage{T1}{fontenc}
219 \RequirePackage{fontenc}
220 \PassOptionsToPackage{rm,light}{roboto}
221 \RequirePackage{roboto}
222 \fi
223
224 %% Configure (secret) concrete font
225 \ifhsr@concrete
226   \ifhsr@sans{hsrzf}{%
227     concrete and sans options cannot be used at the same time
228   }
229 \fi
230 \ifhsr@slab
231   \PackageError{hsrzf}{%
232     concrete and slab options cannot be used at the same time
233   }
234 \fi
235
236 \PassOptionsToPackage{boldsans,amssymb}{concmath}
237 \RequirePackage{concmath}
238 \PassOptionsToPackage{T1}{fontenc}
239 \RequirePackage{fontenc}
240 \fi
241
242 %% configure geometry
243 %% defaults to big
244 \newlength{\hsr@hmarginwidth}
245 \newlength{\hsr@vmarginheight}
246
247 \ifx\hsr@margin\@empty
248   \setlength\hsr@hmarginwidth{30mm}
249   \setlength\hsr@vmarginheight{30mm}
250 \else
251   \expandafter\ifstrequal\expandafter{\hsr@margin}{huge}{
252     \setlength\hsr@hmarginwidth{45mm}
253     \setlength\hsr@vmarginheight{40mm}}{
254   %%
255   \expandafter\ifstrequal\expandafter{\hsr@margin}{large}{
256     \setlength\hsr@hmarginwidth{35mm}
257     \setlength\hsr@vmarginheight{35mm}}{
258   %%
259   \expandafter\ifstrequal\expandafter{\hsr@margin}{big}{

```

```

260 \setlength\hsr@hmarginwidth{30mm}
261 \setlength\hsr@vmarginheight{30mm}}{-}
262 %%
263 \expandafter\ifstrequal\expandafter{\hsr@margin}{normal}{
264 \setlength\hsr@hmarginwidth{25mm}
265 \setlength\hsr@vmarginheight{30mm}}{-}
266 %%
267 \expandafter\ifstrequal\expandafter{\hsr@margin}{small}{
268 \setlength\hsr@hmarginwidth{20mm}
269 \setlength\hsr@vmarginheight{20mm}}{-}
270 %%
271 \expandafter\ifstrequal\expandafter{\hsr@margin}{tiny}{
272 \setlength\hsr@hmarginwidth{10mm}
273 \setlength\hsr@vmarginheight{20mm}}{-}
274 %%
275 \expandafter\ifstrequal\expandafter{\hsr@margin}{minimal}{
276 \setlength\hsr@hmarginwidth{ 5mm}
277 \setlength\hsr@vmarginheight{20mm}}{-}
278 %%
279 % TODO: fix this
280 % \ClassError{hsrzf}{Invalid margin size}
281 % \setlength\hsr@hmarginwidth{30mm}
282 % \setlength\hsr@vmarginheight{30mm}
283 \fi
284
285 </hsrzf | hsrbericht>
286
287 %^^A%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
288 %^^A HSR ZF specific
289 (*hsrzf)
290 %% TODO: change vmarginheight if header is on
291 \newgeometry{
292 hmargin=\hsr@hmarginwidth,
293 vmargin=\hsr@vmarginheight,
294 marginparsep=0pt,
295 marginpar=0pt,
296 }
297
298 \fancypagestyle{hsrzf}{%
299 \fancyhf{} % clear
300 \fancyhead[L]{\leftmark}
301 \fancyhead[C]{\themodule}
302 \fancyhead[R]{\@date}
303
304 \fancyfoot[L]{\href{https://github.com/HSR-Stud/}{\texttt{HSR-Stud}}}
305 \fancyfoot[C]{\texttt{CC BY-NC-SA}}
306 \fancyfoot[R]{\thepage ~/ \pageref{TotPages}}
307
308 \renewcommand{\headrulewidth}{.5pt}
309 \renewcommand{\footrulewidth}{.5pt}
310 }
311
312 \fancypagestyle{hsrzf-norulers}{%
313 \fancyhf{} % clear
314 \fancyhead[L]{\leftmark}
315 \fancyhead[C]{\themodule}
316 \fancyhead[R]{\@date}
317

```

```

318 \fancyfoot[L]{\href{https://github.com/HSR-Stud/}{\texttt{HSR-Stud}}}
319 \fancyfoot[C]{\texttt{CC BY-NC-SA}}
320 \fancyfoot[R]{\thepage ~/ \pageref{TotPages}}
321
322 \renewcommand{\headrulewidth}{0pt}
323 \renewcommand{\footrulewidth}{0pt}
324 }
325
326 \ifhsr@header
327 \pagestyle{hsrzf}
328 \fi
329 \end{hsrzf}
330
331 %^^A%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
332 %^^A HSR Bericht specific
333 (*hsrbericht)
334
335 %% Redefine title and abstract
336 \renewcommand\maketitle{%
337 \begin{titlepage}
338 \thispagestyle{hsrbericht}
339 \begin{center}
340 \vspace*{6cm}
341 \textbf{\fontsize{48}{60}\selectfont \@title}
342 \vspace{1.5cm} \\\
343 \textbf{\fontsize{24}{48}\selectfont \hsr@subtitle}
344 \vspace{1cm} \\\
345 \textbf{\fontsize{22}{48}\selectfont \hsr@category}
346 \vspace{0.5cm} \\\
347 \begin{tabular}{rl}
348 \textbf{Version:} & \hsr@version \\\
349 \end{tabular}
350 \vspace{4cm} \\\
351 \begin{tabular}{rl p{1.5cm} rl}
352 \textbf{Autor:} & \textbf{\hsr@author} & \hsr@Dozent: & \hsr@instructor \\\
353 E-Mail: & \hsr@authoremail & \hsr@Themengebiet: & \hsr@topic \\\
354 Matrikelnummer: & \hsr@matriculationnr & \hsr@Studiengang: & \hsr@course \\\
355 Adresse: & \hsr@address & & \\\
356 \end{tabular}{}
357 \vspace{2cm} \\\
358 \begin{tabular}{rl}
359 \textbf{Erstellt am:} & \hsr@startdate \\\
360 \textbf{Letzte Änderung am:} & \hsr@finishdate \\\
361 \end{tabular}
362 \end{center}
363 \end{titlepage}}
364
365 \renewenvironment{abstract}{%
366 \section*{Abstract}%
367 \newcommand\problem{\paragraph{Problem}}
368 \newcommand\goal{\paragraph{Ziel}}
369 \newcommand\method{\paragraph{Method / Vorgehen}}
370 \newcommand\results{\paragraph{Wesentliche Ergebnisse}}
371 \newcommand\suggestions{\paragraph{Empfehlungen}}
372 \newcommand\keywords{\paragraph{Schlüsselwörter}}
373 }{}
374
375 %% TODO: twoside / book support

```

```

376 %% Debug:
377 %% \RequirePackage{showframe}
378
379 \newgeometry{
380     hmargin=\hsr@hmarginwidth,
381     vmargin=\hsr@vmarginheight,
382     marginparsep=0pt,
383     marginpar=0pt,
384 }
385
386 %% Configure headers
387 \fancypagestyle{hsrbericht}{%
388     \fancyhf{} % clear
389     \fancyhead[C]{\@title}
390     \fancyhead[R]{\hsr@clientlogo}
391     \fancyhead[L]{\hsr@logo}
392     \fancyfoot[R]{\thepage / \pageref{TotPages} }
393     \fancyfoot[L]{Dockument: \jobname \\ Druck: \finishdate}
394     \renewcommand{\headrulewidth}{.5pt}
395     \renewcommand{\footrulewidth}{.5pt}
396 }
397
398 \fancypagestyle{plain}{%
399     \fancyhf{} % clear
400     \fancyhead[C]{\@title}
401     \fancyhead[R]{\hsr@clientlogo}
402     \fancyhead[L]{\hsr@logo}
403     \fancyfoot[R]{\thepage / \pageref{TotPages} }
404     \fancyfoot[L]{Dockument: \jobname \\ Druck: \finishdate}
405     \renewcommand{\headrulewidth}{.5pt}
406     \renewcommand{\footrulewidth}{.5pt}
407 }
408
409 \pagestyle{hsrbericht}
410
411 </hsrbericht>

```