[illegible],

```
  result in(stateT& state,
    const externT* from, const externT* from_end, const externT*& from_next,
    internT*       to,   internT* to_limit,       internT*& to_next) const;
```

and in 22.2.1.5 and 22.2.1.5.2 [lib.locale.codecvt.virtuals], replace member do_convert with corresponding members do_in and do_out, the same way. do_out() is defined identically as the old do_convert(); do_in is defined identically with the exception of the substitution of "extern" for "from" and "intern" for "to" in the description; nonvirtual members in() and out() simply forward to do_in() and do_out(). In 22.2.1.6 [lib.locale.codecvt.byname], replace member do_convert() with do_in() and do_out().

In Clause 22, Table 2 (Locale Category Facets), remove the entry for

```
  codecvt<char,wchar_t,mbstate_t>
```

In 27.8.1.1 [lib.filebuf], in paragraph 4, replace the specification of how conversions are performed to say:

  Specifically, the facet to use is obtained ‘‘as if’’ by

```
    const codecvt<charT,char,typename traits::state_type>&
      a_codecvt =
      use_facet<codecvt<charT,char,typename traits::state_type> >(getloc());
```

  The formal name a_codecvt is used in descriptions of virtuals underflow and overflow.

In 27.8.1.4 [lib.filebuf.virtuals], in the description of member underflow, change the definitive code example as follows:

```
  char extern_buf[XSIZE];
  char* extern_end;
  internT intern_buf[ISIZE];
  internT* intern_end;

  codecvt_base::result r =
    a_codecvt.in(st,extern_buf, extern_buf+XSIZE, extern_end,
                    intern_buf, intern_buf+ISIZE, intern_end);
```

In the description of member overflow, change the definitive code example to use the call as follows:

```
  internT* int_end;
  char xbuf[XSIZE];
  char* xbuf_end;

  codecvt_base::result r =
    a_codecvt.out(st, pbase(), pptr(), int_end, xbuf, xbuf+XSIZE, xbuf_end);
```

In 22.2.1.5 [lib.locale.codecvt],
22.2.1.5.1 [lib.locale.codecvt.members],
22.2.1.5.2 [lib.locale.codecvt.virtuals], and also where appropriate in
22.2.1.6 [lib.locale.codecvt.byname],

add the following member functions to the locale codecvt<> and codecvt_byname<> facets.

Add the nonvirtual public member:

an