```
                    ┌─────────────────────────────┐
                    │    srsran::e2sm_report        │
                    │          _service            │
                    ├─────────────────────────────┤
                    ├─────────────────────────────┤
                    │ + ~e2sm_report_service()      │
                    │ + collect_measurements()      │
                    │ + is_ind_msg_ready()          │
                    │ + get_indication_message()    │
                    │ + get_indication_header()     │
                    └─────────────────────────────┘
                               △
                               │
                    ┌─────────────────────────────┐
                    │   srsran::e2sm_kpm_report     │
                    │       _service_base          │
                    ├─────────────────────────────┤
                    │ # logger                      │
                    │ # action_def_generic          │
                    │ # granul_period               │
                    │ # cell_global_id              │
                    │ # meas_provider               │
                    │ # ric_ind_header_generic      │
                    │ # ric_ind_message_generic     │
                    │ # ric_ind_header              │
                    │ # is_ind_msg_ready_           │
                    ├─────────────────────────────┤
                    │ + e2sm_kpm_report_service     │
                    │   _base()                     │
                    │ + e2sm_kpm_report_service     │
                    │   _base()                     │
                    │ + ~e2sm_kpm_report_service    │
                    │   _base()                     │
                    │ + collect_measurements()      │
                    │ + is_ind_msg_ready()          │
                    │ + get_indication_message()    │
                    │ + get_indication_header()     │
                    │ # initialize_ric_ind          │
                    │   _msg_format_1()             │
                    │ # clear_collect_measurements()│
                    └─────────────────────────────┘
```

srsran::e2sm_kpm_report _service_style1	srsran::e2sm_kpm_report _service_style2	srsran::e2sm_kpm_report _service_style3	srsran::e2sm_kpm_report _service_style4	srsran::e2sm_kpm_report _service_style5
+ e2sm_kpm_report_service _style1() + ~e2sm_kpm_report_service _style1() + collect_measurements()	+ e2sm_kpm_report_service _style2() + ~e2sm_kpm_report_service _style2() + collect_measurements()	+ e2sm_kpm_report_service _style3() + ~e2sm_kpm_report_service _style3() + collect_measurements()	+ e2sm_kpm_report_service _style4() + ~e2sm_kpm_report_service _style4() + collect_measurements()	+ e2sm_kpm_report_service _style5() + ~e2sm_kpm_report_service _style5() + collect_measurements() + get_indication_message()