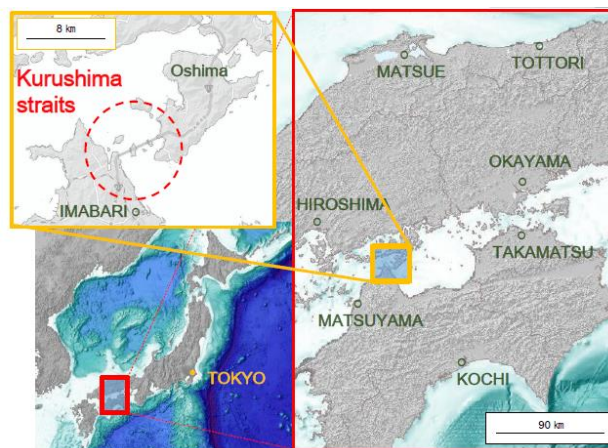


S-111 test data from Japan

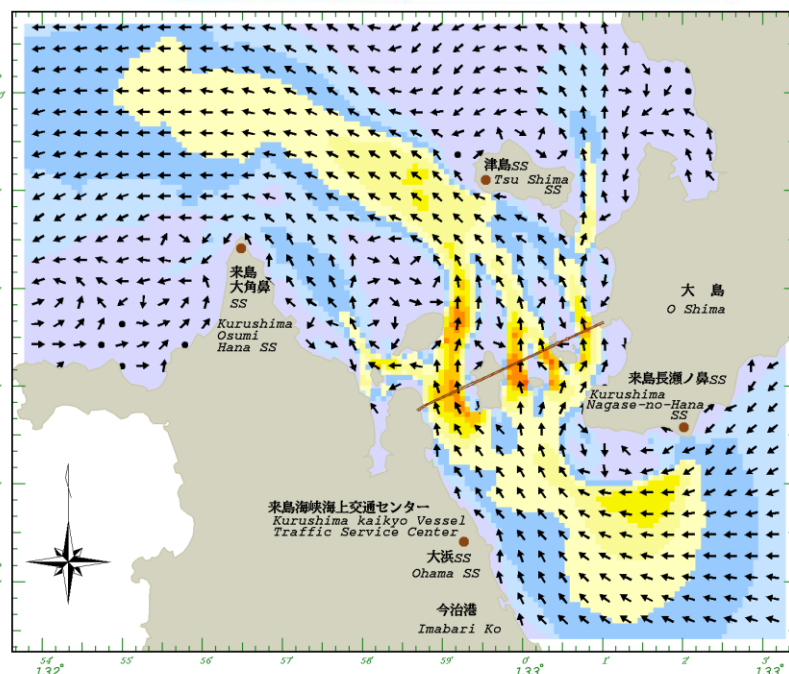
Hydrographic and Oceanographic Department
Japan Coast Guard





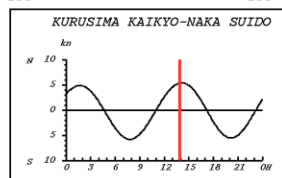
**Dangerous point
for maritime traffic**

458 ships pass Kurushima straits a day



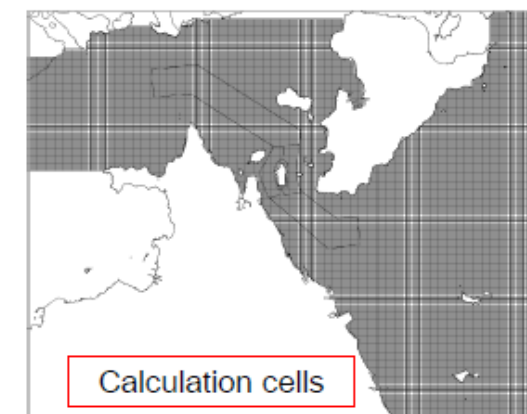
Kurushima Kaikyo
03-APR-2019 13:50 JST (UTC+9)

0 1 2 3 4 5 6 7 8 9 10 11 over [kn]
[Color scale bar]



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【model】 Delft3D
【mesh size】 100m
【vertical layer】 single
【boundary condition】 estimated tide level
【calculation period】 one year
【Time step】 0.2min



| | Sample A | Sample B | Sample C | Sample D |
|---------------|--------------------------------|--------------------------------|--|---|
| Filename | JP_Kurushima_type2_c mpd.h5 | JP_Kurushima_type3_c mpd.h5 | JP_Kurushima_xyt_cm pd.h5 | JP_Kurushima_Channe l_CF.h5 |
| File size | 1,013 KB | 986 KB | 999 KB | 706 KB |
| Time | Separated group | Separated group | Time dimension | Time dimension |
| Dataset | Compound dataset (2): XY | Compound dataset (1) | Compound dataset (3): XYT | Simple dataset (3): XYT |
| Land value | -1 | None | -1 | -1 |
| CF attributes | None | None | None | Yes (long_name, _FillValue, etc...) |
| Coverage | Grid coverage | Point coverage | Grid coverage | Grid coverage |
| Reference | S-111 PS Edition 1.0.0 | S-111 PS Edition 1.0.0 | S-111 PS Edition 1.0.0 except for T-dimension | https://support.hdfgroup.org/HDF5/faq/cfattributes.html |