

# BELLHOP Coverage Reports

Code coverage analysis for BELLHOP Fortran acoustic simulator

Source File	Lines Coverage	Branches Coverage	Calls Coverage	Report
ReflectMod.f90	0.0%	0.0%	0.0%	<a href="#">View Report</a>
AttenMod.f90	20.4%	25.0%	0.0%	<a href="#">View Report</a>
bdryMod.f90	50.3%	56.5%	100.0%	<a href="#">View Report</a>
FatalError.f90	100.0%	0.0%	100.0%	<a href="#">View Report</a>
RWSHDFile.f90	27.9%	50.0%	100.0%	<a href="#">View Report</a>
bellhopMod.f90	0.0%	0.0%	0.0%	<a href="#">View Report</a>
splinec.f90	61.2%	52.2%	0.0%	<a href="#">View Report</a>
ReadEnvironmentBell.f90	51.3%	45.9%	99.6%	<a href="#">View Report</a>
RefCoef.f90	8.2%	50.0%	0.0%	<a href="#">View Report</a>
beampattern.f90	35.7%	53.8%	0.0%	<a href="#">View Report</a>
WriteRay.f90	39.4%	58.7%	100.0%	<a href="#">View Report</a>

PolyMod.f90	0.0%	0.0%	0.0%	<a href="#">View Report</a>
monotonicMod.f90	100.0%	56.8%	0.0%	<a href="#">View Report</a>
SortMod.f90	23.5%	59.4%	0.0%	<a href="#">View Report</a>
Cone.f90	0.0%	0.0%	0.0%	<a href="#">View Report</a>
ArrMod.f90	27.1%	52.0%	100.0%	<a href="#">View Report</a>
sspMod.f90	32.3%	53.8%	100.0%	<a href="#">View Report</a>
cross_products.f90	0.0%	0.0%	0.0%	<a href="#">View Report</a>
subtabulate.f90	100.0%	58.3%	0.0%	<a href="#">View Report</a>
pchipMod.f90	0.0%	0.0%	0.0%	<a href="#">View Report</a>
SourceReceiverPositions.f90	56.6%	53.2%	100.0%	<a href="#">View Report</a>
angleMod.f90	35.6%	51.2%	100.0%	<a href="#">View Report</a>
bellhop.f90	65.8%	55.2%	100.0%	<a href="#">View Report</a>
Step.f90	98.7%	83.8%	100.0%	<a href="#">View Report</a>
influence.f90	21.6%	60.1%	100.0%	<a href="#">View Report</a>
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### Coverage Thresholds:

- **Green** - 80% or higher coverage
- **Orange** - 50-79% coverage
- **Red** - Below 50% coverage

Reports generated using GCOV code coverage analysis of BELLHOP Fortran source code.