```
Family: gaussian
Link function: identity

Formula:
log10(TotAbundance + min_val) ~ te(SST, DOY2, k = 4, bs = c("cr",
    "cc")) + log10(Chl) + log10(Bathy) + Harm(HarmHour, k = 1) +
    s(Longhurst, bs = "re") + s(DeployID, bs = "re")

Parametric coefficients:
                         Estimate Std. Error t value Pr(>|t|)
(Intercept)             -0.572521   0.038836 -14.742  < 2e-16 ***
log10(Chl)               0.116744   0.033474   3.488 0.000494 ***
log10(Bathy)             0.000925   0.013955   0.066 0.947155
Harm(HarmHour, k = 1)c1  0.062164   0.008513   7.302 3.52e-13 ***
Harm(HarmHour, k = 1)s1 -0.011179   0.008452  -1.323 0.186062
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Approximate significance of smooth terms:
                edf Ref.df      F p-value
te(SST,DOY2)  9.744  10.29 15.145 < 2e-16 ***
s(Longhurst)  3.556   7.00 13.190 4.1e-08 ***
s(DeployID)  376.682 670.00  1.514 < 2e-16 ***
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

R-sq.(adj) =    0.3   Deviance explained = 37.3%
GCV = 0.14317  Scale est. = 0.12815   n = 3765
```