APPENDIX C6: Length-based YPR

```
##    Length Based Yield Per Recruit Model
##    Version 1.2
##    Date & Time of Run: 22 Apr 2005   16:57
##    Input File Name: c:\nit\tile\sarc41\ypr\tlenypr-log2.dat

 Model Title: tilefish

 Fishing Mortality Upper Bound             =     2.0000
 Fishing Mortality Calculation Increment   =     0.0001
 Fishing Mortality Printing Increment      =       0.01

 Natural Mortality                         =     0.1000

 Starting Length                           =     1.0000
 Ending Age of Projection (Years)          =    35.0000
 Age Step Increment                        =     0.1000

 Length Units                              = Centimeters
 Weight Units                              = Kilograms

 Von Bertalanffy Growth Equation Parameters
 L-Infinity                                =    97.6000
 K                                         =     0.1620

 Length-Weight Equation Parameters
 Ln(A)                                     =   -12.3114
 B                                         =     3.2835

 Fishery Mortality Selectivity
 Single Logistic Equation Parameters
 Alpha                                     =   -18.9569
 Beta                                      =     0.4693
 L-50 (Calculated)                         =    40.3896

 Matural Mortality Selectivity
 Natural Mortality is Constant with Value  =     0.1000

 Maturity Ogive Equation Parameters
 Alpha                                     =   -11.6211
 Beta                                      =     0.2374
 L-50 (Calculated)                         =    48.9618


 Reference Point        F           YPR          SSBR         TSBR
 F Zero             0.00000     0.00000     51.53361     53.26153
 F-01               0.08470     1.78983     20.34513     21.96114
 F-Max              0.13870     1.90241     12.95707     14.51105
 F at   40 %MSP     0.08320     1.78180     20.62892     22.24674
```