

CHAPTER 5

Introducing awpse.com

Background

Several years ago, the Summary Paper of a meeting on the *Interplay between Mathematics and Robotic*, sponsored by the National Science Foundation, set forth the following paragraph: "In the future, robotic technology will serve as an interface between the emerging distribution, computing and information networks (i.e., the World Wide Web) and the physical world, particularly households and business environments."

A Website www.awpse.com or (AWPSE for short) has been developed to be, in effect, a robot that serves to create, manage, distribute and maintain a broad range of administrative documents and/or mathematical models, all of which are called *Work-Products*. As a robot, AWPSE provides many services featuring the very latest in (a) information technology, (b) computer programming and (b) mathematical modeling.

Understanding AWPSE

Through this Website many interested entities (TPAs, brokers, risk managers, consultants, accountants, attorneys, plan sponsors, HMOs, insurers, software vendors, actuaries and, intermediaries) may readily access a wide range of either (a) actuarial or (b) administrative work-products. These early work-products are employee benefit-related; it is expected that later work-products will cover a wider range of topics.

Each work-product has these features: (a) it is prepared by a Web-embedded computer and is provided directly to the user-practitioner (with AWPSE assuming full responsibility for the preparation of any work-product that is executed by the actuary), (b) as respects data input, the User may be involved (i) totally, (ii) partially or (iii) not at all, as it wishes; and (c) AWPSE has no involvement with the consulting, delivery, etc., associated therewith.

The reader is invited to visit AWPSE and explore the Home Page and its numerous links. The view of the robot in action, so to speak, is available by using the courtesy user name and password (sampleuser/sampleuser).

Work-Products

Actuarial Work-Products

| <u>Work-Product Name and Purpose</u> | <u>Website Reference</u> |
|--|--------------------------|
| Claim Reserves | |
| Traditional | A1 |
| Workers' Compensation | A2 |
| Long Term Disability | A3 |
| Monte Carlo Simulations | |
| Claim Fluctuations and Economic Value of Stop-Loss | B1 |
| Economic Value of Plan Benefits and Managed Care Arrangement | B2 |
| Government Entity Certifications | |
| Florida: FS Section 112.08 | C1 |
| Iowa: IAC Section 509A | C2 |
| Ohio: ORC Section 9.833 | C3 |
| Medicare Part D | |
| Subsidy/Feasibility Analysis | D1 |
| Creditable Coverage Certification | D2 |
| Annual Actuarial Report | |
| Includes Recommended Funding Factors and Certified COBRA Rates | |
| Traditional Plan | E1 |
| Health Reimbursement Account Plan | E2 |
| Consumer-Driven Health Care | |
| HRA Model | F1 |
| HSA Model | F2 |
| Federal Income Tax Issues | |
| Discrimination | G1 |
| Self-Employed | G2 |
| Accounting-Related | |
| AICPA FASB 112 | H1 |
| <u>Alternatives</u> to Retiree Life Reserves | |

AICPA FASB 106
AICPA GASB 43-45

H2a
H2b

**Administrative Work-Products
For Selected Employee Benefits**

| | |
|-------------------------------------|-----|
| Death and AD&D | 13b |
| Long Term Disability | 13c |
| Short Term Disability | 13d |
| Dental and/or Vision and/or Hearing | 13e |
| Long Term Care | 13f |
| Critical Illness | 13g |
| Medicare Supplement | 13h |
| Health Reimbursement Accounts | 13i |
| COBRA Administration | 13j |
| Flexible Spending Accounts | 13k |
| Workers' Compensation | 13l |
| Legal Benefits | 13m |

Risk-Related Work-Products

| | |
|-----------------------------------|--------|
| Plan Benefit Design Analysis | J1a |
| Plan Administration Analysis | J1b |
| Grading of Funding/COBRA Factors | |
| By Age | J1c(A) |
| By Gender | J1c(B) |
| By Geographical Area | J1c(C) |
| Self-Funding Appropriateness Test | J1d |
| Individual Health Risk Appraisal | J1e |

Work-Products Responding to Special Needs

Topic of the Specific Issues

| | |
|---|----------|
| Claims Processing | K |
| Administration | K |
| Litigation-Related (Actual/Potential | K |
| Document Maintenance | K |

User Guide to www.awpse.com

The User is encouraged to visit the Home Page and access the available information. Upon entering, such User logs in with the provided Username/Password.

Upon entry the User may elect either the (a) actuarial or (b) administrative work product menu and then select the work-product menu and then select the work-product.

Having selected a work-product from the menu, the user should do these two tasks:

A. Addressees

1. Enter the data for up to three addressees being sure that (a) Addressee No. 1 is for the actuary's engager and (b) Addressee No. 2 is for the Eligible User. The third is the Addressee-at-Large and is optional.
2. The finished work-product is sent by the *Robot* to the e-mail address of the E-Code (even if the addressee and addressee's email address are not related).

B. Plans

1. Enter the requested plan data. Be sure and put the Engager in Address No. 1; the Eligible User (the E-Code) in Address No. 2; and the at-large entity in Address No. 3 (if any) in Address No. 3.
2. The remainder of the Plan data is of a relatively permanent nature. The three-digit plan number is of the User's choice.

Upon completion, proceed to the Valuation Section.

Appendix C of this Text provides guidance to the User in the manner of handling submitted data and documentation. Appendix C will hopefully answer most, if not all, of the User's questions.