**XPS LIABILITY (excluding price and share)**

XPS Liability = Practice Value * Coverage Level

**AMOUNT OF INSURANCE (Actual Liability)**

Amount of Insurance (Actual Liability) = XPS (Liability) * Price Percent * Share

**BASIC COVERAGE PRORATION FACTOR (NEW POLICY ONLY)**

Proration Factor = Month in which 30th day after signature date falls

**PEAK ENDORSEMENT (Not Terminating in Sept) PRORATION FACTOR**

Proration Factor = Commencement Month Factor - Factor for Month following Termination Month

**PEAK ENDORSEMENT (Terminating in Sept) PRORATION FACTOR**

Proration Factor = Commencement Month Factor

**TOTAL PREMIUM**

\[
\text{Total Premium} = \text{Amount of Insurance} \times \text{Base Rate} \times \text{Map Factor} \times \text{Option Factor} \times \text{Proration Factor}
\]

(Fields 32, 33, 38, Note 7)

**PRODUCER PREMIUM**

\[
\text{Subsidy} = \text{Total Premium} \times \text{Subsidy Factor}
\]

(Fields 33, 32, Note 8)

\[
\text{Producer Premium} = \text{Total Premium} - \text{Subsidy}
\]

(Fields 38, 32, 33, Note 7)
**INVENTORY VALUE**

Value = Number of Clams * Survival Factor * Price for each Age  
(Field 21)      (Field 50)          (Field 48)     (ADM Ref Max Price)

**AMOUNT OF INSURANCE**

Amount of Insurance = Value * Coverage Level * Price ElectionFactor  * Insured Share  
(Field 26)    (Field 21)    (Field 31)    (Field 24)    (Field 25)

**LIABILITY**

Liability = Amount of Insurance  
(Field 26)

**TOTAL PREMIUM**

Total Premium = Amount of Insurance * Base Premium Rate * Option Factor (Basic Unit Discount Factor)  
(Field 32)    (Field 26)    (Field 30)  
(Note 7)

**PRODUCER PREMIUM**

Subsidy = Total Premium * Subsidy Factor  
(Field 33)    (Field 32)    (Note 8)  
(Note 7)    (Note 7)

Producer Premium = Total Premium - Subsidy  
(Field 38)    (Field 32)    (Field 33)  
(Note 7)    (Note 7)    (Note 7)