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Tracking the states W UUV
                                                                                                          > 2MV. ch
1. Data Syrc.
                                                                                                          → GPS...
 2. Bios introligarion.
 3. esks model
                                                                 3= h (x).
 ESKF model
  X+ = | P+ | V+ | R+ | bar | bar | bar | g+ |
                                                                    preview = 80
   Pe = Ve
Ve = Re ( α - bee - 4.) + 3

\hat{R}_{t} = R_{t} \left( \omega - b_{0t} - n_{0} \right)^{A}

\hat{b}_{0t} = n_{0}

    \vec{b}_{ac} = \eta_{ba}
    5 = 0
                              subscript of the time state
   P_{t} = P + \delta P
Vt = V + \delta V
R_{t} = R \delta R
by_{t} = b_{0} + \delta b_{q}
bm = b_{0} + \delta b_{q}
f = g + \delta c_{p}
metained
                                Pr=V2

⇒P+8P= V+8V-

∴ 8P=8V - Φ
                                 bot = 10 4
                                 = 16.56 - 7 . TO
                                 bar = Mba
                                > px si = 76-0
                             Ji = 0
 \begin{cases} \dot{R_{t}} = R_{t} \left( \widetilde{\omega} - b_{0} - \eta_{0} \right)^{A} - B \\ \dot{R}_{t} = \dot{R} \cdot Erp(\delta R) \end{cases}
  from (1)

Rit = Ri E-p(60) + R Exp(60)
        = A(W-bge) Emp(60)
             R Exp (60) 80
  Samo & 6
 Re ( = bg - ng) = R Exp (80) ( = bg - ng)
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· cerrie
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EKF Soubility prod

E[NoWe] = CR

E[NoWe] = CR

Xhor = f(Xn) + We

Xhor = h(Xn) + We

Xhor = Fhor = Fhor = Fhor

From = Fhor = Fhor

When = Fhor = Fhor

When = F
```