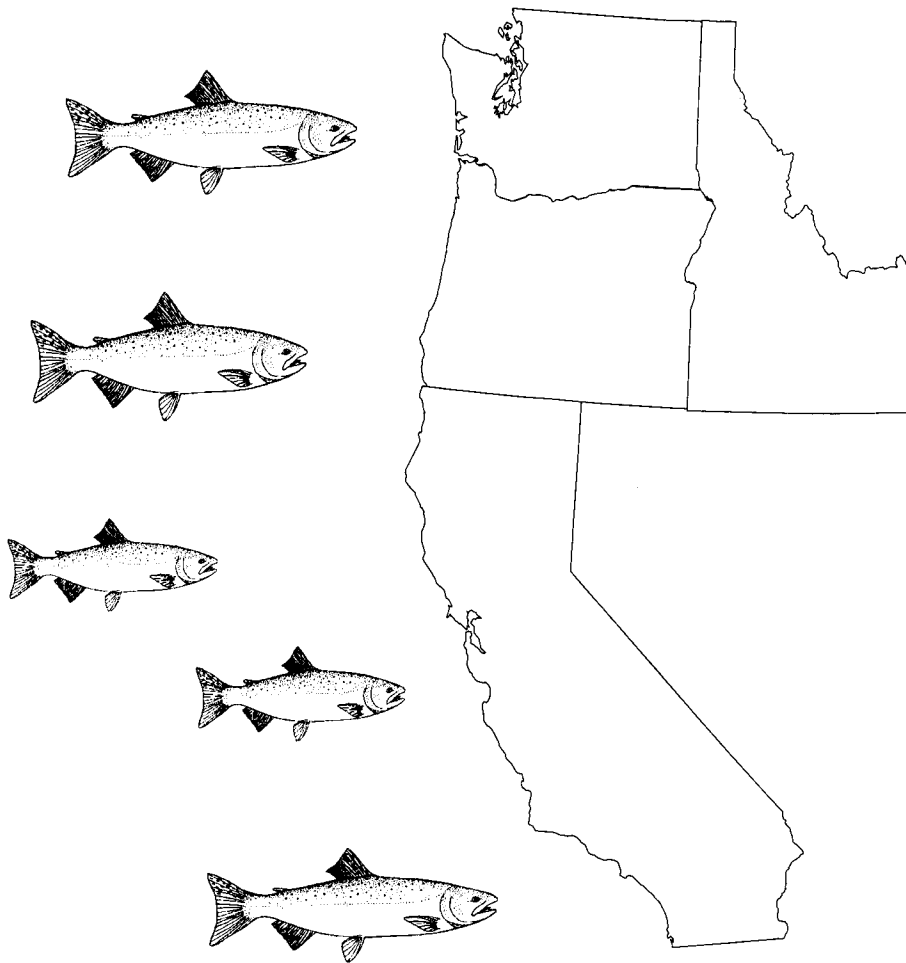


# **PRESEASON REPORT I**

## **STOCK ABUNDANCE ANALYSIS FOR 2003**

### **OCEAN SALMON FISHERIES**



**PREPARED BY THE  
SALMON TECHNICAL TEAM**

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**FEBRUARY 2003**

# ACKNOWLEDGMENTS

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# LIST OF ACRONYMS AND ABBREVIATIONS

|         |   |
|---------|---|
| CDFG    | California Department of Fish and Game  |
| Council | Pacific Fishery Management Council  |
| CRTAC   | Columbia River Technical Advisory Committee   |
| CVI     | Central Valley index  |
| CWT     | coded-wire tag  |
| DA2     | December age-two (coho ocean recruits)  |
| ESA     | Endangered Species Act  |
| FMP     | fishery management plan   |
| FRAM    | Fishery Regulation Assessment Model   |
| GSI     | genetic stock identification  |
| HRM     | Harvest Rate Model  |
| KMZ     | Klamath management zone (ocean zone between Humbug Mountain and Horse Mountain where management emphasis is on Klamath River fall chinook)                              |
| KOHM    | Klamath Ocean Harvest Model   |
| KRTAT   | Klamath River Technical Advisory Team   |
| LRB     | lower Columbia River brights (bright fall chinook of upriver origin spawning naturally in the mainstem Columbia downstream from Bonneville Dam)                         |
| LRH     | lower Columbia River hatchery (tule fall chinook returning to hatcheries below Bonneville Dam)  |
| LRW     | lower Columbia River wild (native bright fall chinook spawning naturally in tributaries below Bonneville Dam)   |
| MCB     | mid-Columbia River brights (bright hatchery fall chinook released in the mid-Columbia River)  |
| MOC     | mid-Oregon Coast  |
| MSY     | maximum sustainable yield   |
| NA      | not available   |
| NMFS    | National Marine Fisheries Service   |
| NOC     | North Oregon Coast  |
| OCN     | Oregon coastal natural (coho)   |
| OCNL    | Oregon coastal natural (coho) lake component  |
| OCNR    | Oregon coastal natural (coho) river component   |
| ODFW    | Oregon Department of Fish and Wildlife  |
| OPI     | Oregon production index (coho salmon stock index south of Leadbetter Point)   |
| OPIH    | Oregon production index area hatchery (adult coho)  |
| OPITT   | Oregon Production Index Technical Team  |
| PRIH    | Oregon coastal private hatchery (adult coho)  |
| PSC     | Pacific Salmon Commission   |
| SAB     | Select Area brights (hatchery fall chinook originally from Rogue River stock that is currently propagated in lower Columbia River hatcheries for release in Youngs Bay) |
| SCH     | Spring Creek Hatchery (tule fall chinook returning to Spring Creek Hatchery)  |
| SRS     | Stratified random sampling  |
| SSC     | Scientific and Statistical Committee  |
| STEP    | Salmon Trout Enhancement Program (Oregon)   |
| STT     | Salmon Technical Team   |
| TAC     | total allowable catch   |
| URB     | upper river brights (naturally spawning bright fall chinook returning to areas upstream from McNary Dam and the Deschutes River, Oregon)                                |
| USFWS   | U.S. Fish and Wildlife Service  |
| VSI     | visual stock identification   |
| WCVI    | West Coast Vancouver Island   |
| WDFW    | Washington Department of Fish and Wildlife  |