

INDEPENDENT PEER REVIEW SYSTEM FOR STOCK ASSESSMENTS

LACK OF CONFLICT OF INTEREST STATEMENT

Background and Purpose

This program, administered by Natural Resources Consultants, Inc. ("NRC Corp."), is for the external peer review of stock assessments and related management advice for selected stocks for which the National Marine Fisheries Service (NMFS) has responsibility. Generally, review activities will take one of two forms: (a) review of an existing stock assessment product, and (b) review through active participation in a stock assessment working group or a review committee such as those NMFS has in place. It is of utmost concern that the specific input provided by the reviewers be unbiased. This means that the selected individuals will provide their expert advice free from the influence of Government managers, the fishing industry, or any other interest group. For this reason, anyone who has

- (a) received in the past (1-2) years substantial funds from industry or environmental groups with vested interests in resources for which NMFS has stewardship responsibilities,
- (b) received in the recent past substantial funds from NMFS via a sole-source contract,
- (c) participated in a previous peer-review concerning the particular stock assessment under review, or
- (d) a history of an advocacy role for a specific viewpoint,

shall not be eligible to be reviewer with this program.

All reviews shall remain confidential to the extent permitted by law.

Assurance of Lack of Conflict

I, Robert J Trumble do not possess any said attributes that would be considered a source of conflict of interest associated with my work as a reviewer in this program. When assigned a specific review task under this program, I will notify NRC Corp. if there are any other reasons why I should be unable to provide an unbiased review.

Signed Robert J Trumble Date 10/29/01



NATURAL RESOURCES CONSULTANTS, INC.

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MEMORANDUM

TO: Dr. Robert Trumble
FROM: Lee Alverson
SUBJECT: LCS *DLA*
DATE: October 29, 2001

In addition to the new conflict of interest statement sent to you October 26, 2001, by Natural Resources Consultants that NOAA requested you review and sign, we have also been asked by NOAA to confirm whether any reviewer participated in the Center of Independent Experts first Atlantic Large Coastal Shark Assessments Review (CIE).

I have _____, have not participated in previous CIE reviews.

Signed by: *Robert Trumble*

Date: *10/30/01*

If you are unable to sign that you have not participated, please provide an explanation of your participation.

It is important that we receive your conflict of interest form, CV and this form, as soon as possible.

Robert J. Trumble

Education: B.S. 1965 Biological Oceanography, University of Washington
M.S. 1973 Fisheries, University of Washington
(Committee Chair, A. C. DeLacy)
Ph.D. 1979 Fisheries, University of Washington
(Committee Chair, O. A. Mathisen)

Experience:

- 2000- Senior Research Associate, MRAG America, Tampa, FL. Performs project planning, assembles research teams, and conducts research.
- 2000- 2001 Principle, Trumble Research and Consulting, St. Petersburg FL. Provides expertise and advice in fishery management and science to academic, agency, recreational and commercial fishing, and private clients.
- 1986- 2000. Senior Biologist, International Pacific Halibut Commission, Seattle WA. Directed, supervised, and evaluated the Biological Research and Fisheries Management Program. Developed long-range research objectives; developed budget and resource requirements; and ensured adherence to scientific standards in the conduct of research. Served as an expert representative working in consultation with international, national, and other officials. Generated proposals for external funding of research programs. Directed most interactions with other fisheries management agencies, including U.S. Management Councils and state and federal agencies. Coordinated and directed staff participation in the development of inter-agency management plans. Participated in or advised interagency working groups. Assisted in developing and evaluating Commission programs and objectives and in developing Commission policies regarding research and management of the halibut resource.
- 1985- 1986. Resource Planning, Washington Department of Fisheries, Olympia, WA. Managed Puget Sound watershed planning for salmon resource and fishery management needs; represented the agency for developing proposals for joint salmon management plans for Puget Sound subregions with other state and tribal agencies.
- 1975- 1985. Division Chief, Washington Department of Fisheries, Seattle WA. Planned, directed, and synthesized statewide management and research for herring and other baitfish species; developed environmental protection criteria and reviewed proposals for development in sensitive areas; acted as expert witness and spokesman in my area of responsibility.
- 1971- 1979. Graduate Student, College of Fisheries, University of Washington, Seattle WA.
- 1966- 1971. Oceanographer, U.S. Naval Oceanographic Office, Washington, D.C. Planned high seas military-oriented research; acted as senior oceanographer for at-sea research; prepared technical reports and data transmittals to contractors.

Professional Affiliations:

The Society for Sigma Xi

American Fisheries Society

Appointments:

Scientific and Statistical Committee, Pacific Fishery Management Council, 1976- 1986

Groundfish Management Team, North Pacific Fishery Management Council, 1986- 1995

University of Washington, School of Fisheries, Affiliate Faculty, 1994- 2000

Washington Sea Grant Program Steering Committee, 1995- 2000

Publications:

- 1973 R. J. Trumble. Distribution, relative abundance, and general biology of selected underutilized fisheries resources of the eastern North Pacific. M.S. Thesis, University of Washington.
- 1977 R. E. Thorne, O. A. Mathisen, R. J. Trumble, and M. Blackburn. Distribution and abundance of pelagic fish off Spanish Sahara during CUEA expedition JOINT I. *Deep Sea Res.* 24(1): 75- 82.
- 1977 O. A. Mathisen, R. E. Thorne, R. J. Trumble, and M. Blackburn. Food consumption of pelagic fish in an upwelling area. *in* (R. Boje and M. Tomczak, eds.) *Upwelling Ecosystems*. Springer-Verlag, New York, pp.111- 123.
- 1979 R. J. Trumble. The role of pelagic nekton in trophic dynamics of the northwest African coastal upwelling system. Ph.D. Dissertation, University of Washington. 139 pp.
- 1980 R. J. Trumble. Herring management activities in Washington state. *in* (B. R. Melteff and V. G. Wespestad, eds.) *Proceedings of the Alaska Herring Symposium*. Alaska Sea Grant Rept. 80- 4:91- 113.
- 1981 R. J. Trumble, O. A. Mathisen, and D. W. Stuart. Seasonal food production and consumption by nekton in the northwest African upwelling system. *in* (F. A. Richards, ed.) *Coastal Upwelling*. Coastal and Estuarine Sciences 1: 458- 463.
- 1982 R. J. Trumble, R. E. Thorne, and N. A. Lemberg. The Strait of Georgia herring fishery: a case history of timely management by means of hydroacoustic surveys. *NMFS Fish. Bull.* 80(2): 381- 388.
- 1983 R. E. Thorne, R. J. Trumble, N. A. Lemberg, and D. Blankenbeckler. Hydroacoustic assessment and management of herring fisheries in Washington and southeast Alaska. *in* (O. Nakken and S. C. Venema, eds.) *Symposium on fisheries acoustics*. FAO Fish. Rept. 300: 217- 222.

Publications (Cont.)

- 1985 R. J. Trumble and R. D. Humphreys. Management of Pacific herring (*Clupea harengus pallasii*) in the eastern Pacific Ocean. *Can. J. Fish. Aquat. Sci.* 42 (Suppl. 1): 230-244.
- 1990 R. J. Trumble, I. R. McGregor, G. St-Pierre, D. A. McCaughran, and S. H. Hoag. Sixty years of tagging Pacific halibut: a case study. *Amer. Fish. Soc. Sympos.* 7: 831-840.
- 1991 R. J. Trumble, G. St-Pierre, and I. R. McGregor. Evaluation of Pacific halibut management for Regulatory Area 2A.1. Review of the Pacific halibut fishery in Area 2A. *Internat. Pac. Halibut Comm. Sci. Rept. No. 74*. pp.5-38.
- 1992 R. J. Trumble. Looking beyond time-area management of bycatch - an example from Pacific halibut. *in* (R. W. Schoning, R. W. Jacobson, D. L. Alverson, T. H. Cendle, and J. Auyang, eds.) *Proceedings of the National Industry Bycatch Workshop*. Natural Resources Consultants, Seattle, WA. pp. 142-158.
- 1993 R. J. Trumble, J. D. Neilson, W. R. Bowering, and D. A. McCaughran. Atlantic halibut (*Hippoglossus hippoglossus*) and Pacific halibut (*H. stenolepis*) and their North American fisheries. *Can. Bull. Fish. Aquat. Sci.* 227: 84 pp.
- 1993 Adlerstein, S. A. and R. J. Trumble. Management implications of changes in bycatch rates of Pacific halibut and crab species caused by diel behavior of groundfish in the Bering Sea. *ICES mar. Sci. Symp.*, 196: 211-215.
- 1994 Sullivan, P. J., R. J. Trumble, and S. A. Adlerstein. Pacific halibut bycatch in the groundfish fisheries: Effects on and management implications for the halibut fishery. *Internat. Pac. Halibut Comm. Sci. Rept. No. 78*.
- 1995 Trumble, R. J., G. H. Williams, and S. E. Hughes. Methods to improve survival of Pacific halibut bycatch discarded from a factory trawler. *in* *Proceedings of the International Symposium on North Pacific Flatfish*. Alaska Sea Grant Program Report No. 95-04, University of Fairbanks Alaska. pp. 591-610.
- 1996 Trumble, R. J. Management of Alaskan longline fisheries to reduce halibut bycatch mortality. *in* *Solving Bycatch: Considerations for Today and Tomorrow*. Alaska Sea Grant Program Report No. 96-03, University of Alaska Fairbanks. pp. 183-192.
- 1997 Kaimmer, S. and R. Trumble. Survival of Pacific halibut released from longlines. *in* *Fisheries Bycatch: Consequences and Management*. *Proceedings of the Symposium on the Consequences and Management of Fisheries Bycatch*. Alaska Sea Grant Program Report No. 97-02, University of Fairbanks Alaska. pp. 101-105.
- 1998 Trumble, R. J. Northeast Pacific flatfish management. *J. Sea Res.* 39: 167-181.
- 1998 Adlerstein, S. A. and R. J. Trumble. Pacific halibut bycatch in Pacific cod fisheries in the Bering Sea: An analysis to evaluate eræ-time management. *J. Sea Res.* 39: 153-166.

Publications (Cont.)

- 1998 Kaimmer, S. M. and R. J. Trumble. Injury, condition, and mortality of Pacific halibut bycatch following careful release by Pacific cod and sablefish longline fisheries. *Fish. Res.* 38:131-144.
- 1999 Clark, W. G., S. R. Hare, A. M. Parma, P. J. Sullivan, and R. J. Trumble. Decadal changes in growth and recruitment of Pacific halibut (*Hippoglossus stenolepis*). *Can. J. Fish Aquat. Sci.* 56:242-252.
- 2000 Trumble, R. J., S. M. Kaimmer, and G. H. Williams. Estimation of discard mortality rates for Pacific halibut in groundfish longline fisheries. *N. Am. J. Fish. Manage.* 20:931-939.
- 2001 Trumble, R. J., S. M. Kaimmer, and G. H. Williams. Review of the methods used to estimate, reduce, and manage bycatch mortality of Pacific halibut in the commercial longline groundfish fisheries of the Northeast Pacific. *in*. (A. Studholme, ed.) National Symposium on Catch and Release in Marine Recreational Fisheries. American Fisheries Society Symposium. *in press*.