The Quality Systems Group

Group Chairman: Prof. Gerhard Strasser
Session Chairman: Mr. Willem van Berlekom

1. DISCUSSIONS

1.1 Discussion to the 24th ITTC Quality Systems Group by Neil Bose, Memorial University of Newfoundland, Canada

The Specialist Committee on Powering Performance Prediction asked the Quality System Group how the database prepared on model data and corresponding ship trials could be made available on a continuing basis to the ITTC community. I am pleased to note that the Quality Systems Group recommends that this database should be made available through a soft copy method, such as through access from the permanent ITTC web site. I propose that the new Quality Systems Group works with the new Specialist Committee on Powering Performance Prediction to ensure that this occurs and perhaps that the database is extended to include a wider number of ship types.

I note that the Quality Systems Group rejected the proposal for a procedure that enabled access by ITTC Members to a spreadsheet including a direct method of calculation of Grigson's friction line. This procedure was put together, not to recommend Grigson's line in place of the ITTC 1957 line, but because the direct method of calculation of these friction coefficients is non-trivial and not well explained by Grigson in his papers. Various Committee Reports presented to several ITTC Conferences have described the promise of Grigson's line and this procedure provides background and access to a full calculation method.

2. GROUP REPLIES

2.1 Reply of the 24th ITTC Quality Systems Group to Neil Bose

The Quality Systems Group has discussed with the Advisory Council how to proceed with respect to making databases available. We prefer to have it on the net, but in what form will have to be discussed. We want to assure that the data do not get lost.

The Quality Systems Group did not reject the proposal of the spreadsheet for calculation of Grigson's friction line. It was the Working Group of the Advisory Council, which, however, was chaired by Prof. Strasser. The reason for not accepting this suggestion was, first: that ITTC, at the moment, does not recommend this friction line, second: this was not a task for the Specialist Committee on Powering Performance Prediction.

It is not a procedure, but if accepted by the ITTC community, could be included as a work instruction in the Quality Systems Manual.