

IUPAC Project Progress Report

Date: July 2007

Task Group Leader: H. Lawrence Clever

Project number: 2006-034-1-500

Project title: The solubility of oxygen and ozone in water, aqueous solutions and organic liquids (update of SDS vol 7, 1981).

Report:

1. Current status of project.
Of the approximately 200 papers that made up the original bibliography about 85 % are in hand and the others are on order. A number have been compiled and there are 350+ pages in final or near final form. Y. Yampolski and H. Miyamoto are helping with Russian and Japanese paper, respectively. Rubin Battino will help with the evaluations. To date no evaluations have been prepared.
2. Progress relative to 'milestones':
The project is several months behind schedule.
3. Difficulties encountered (or concerns):
We have found it very difficult to obtain Russian Deposited Documents VINITI and SPSTL.
4. Projected completion date (documents ready for external review):
5. Please list all of the intended outputs and the dissemination plan for this project (viz. articles, CD, conference presentations; etc.)
These may have expanded since project approval. The manuscript will be submitted to the Journal of Physical and Chemical Reference Data as a volume of the IUPAC-NIST Solubility Data Series.
6. If your project is within 6 months of completion, how do you plan to utilize any remaining budget for the project?
No budget, does not apply.
7. Work on this project may have identified new problems, issues, challenges, emerging topics, opportunities for related projects, etc. Please indicate these here so that the Division can follow up on them:
None at this time.