

DIAMOND CORE DRILL MANUFACTURERS ASSOCIATION
90 WEST STREET
NEW YORK 6

MINUTES: DIAMOND CORE DRILL MANUFACTURERS ASSOCIATION (ANNUAL MEETING) - THIRTY-FOURTH MEETING

PLACE OF MEETING: THE COMMODORE - NEW YORK

DATE AND TIME: WEDNESDAY, APRIL 5, 1950 - 10:05 A. M.

MEMBERS PRESENT:

Acker Drill Company, Inc.	Wm. L. Acker Jr.	Vice-Pres. & Treas.
Christensen Diamond Products Co.	E. M. Jenkins	Asst. Sales Mgr.
Chicago Pneumatic Tool Company	G. B. Doner	Mgr., Rock Drill Sales
" " " "	H. G. Fossum	Diamond Drill Engineer
" " " "	M. L. Tucker	D. D. Engrg. Dept.
" " " "	E. L. McLain	
Diamond Products, Inc.	W. C. Weslow	President
" " " "	W. J. Weslow	
Jones Core Drilling Company, Inc.	A. Raymond Jones	Owner
Joy Mfg. Co., Sullivan Div.	J. B. Martin	Mgr., Core Drill Div.
" " " "	Sam Leven	
" " " "	Robert Norrick	
E. J. Longyear Company	R. D. Longyear	President
" " " "	M. G. Hansen	Sales Manager
" " " "	A. F. Pickard	
Pennsylvania Drilling Company	F. C. Sturges	Vice-President
Anton Smit & Company, Inc.	L. J. A. Smit	Vice-Pres., Gen. Mgr.
" " " "	Henri Brevet	Vice-President
J. K. Smit & Sons, Inc.	H. J. Meinert	Vice-President
" " " "	P. Smit	Secy.-Treas.
Sprague & Henwood, Inc.	James A. Ross	President
" " " "	A. E. Ross	Asst. to Pres.
" " " "	Wm. J. Schank	Vice-Pres. & Treas.
Wheel Trueing Tool Co., Inc.	Patrick Adamson	

MEMBERS ABSENT:

Carboloy Company, Inc.
George E. Failing Supply Co.
Koebel Diamond Tool Company
R. S. McClintock Company
Mott Core Drilling Company

OTHERS PRESENT:

Canadian Diamond Drilling Assn. J. G. A. Stevenson Managing Director
C. C. Rohrbach, Secretary

PRESIDING OFFICER:

Wm. J. Schank, President

MINUTES

On motion duly made, seconded and unanimously carried, the minutes of the previous meeting, held on October 26, 1949, were approved as distributed.

EXECUTIVE COMMITTEE REPORT

Mr. Schank reported that at a meeting on the previous day, the Executive Committee had considered the following matters.

Treasurer's Report

Mr. Schank stated that the Executive Committee had received copies of two Treasurer's Reports, one covering the year 1949, and the other covering the first three months of 1950. He reported that the Secretary had been ordered to spread copies of these reports in these minutes, as a matter of record. Copies are attached hereto.

Auditor's Report

Mr. Schank reminded the members that on March 28, 1950, the Secretary had sent them copy of the income and expense statement, balance sheet and auditor's certificate, covering the financial accounts of the Association for the year 1949, as prepared by an outside independent firm of certified public accountants.

Budget for 1950

Mr. Schank submitted the recommendation of the Executive Committee, that a budget in the amount of \$3,150 be approved for the current year, to be collected as follows:

- 1 - One-third (1/3) to be assessed against the manufacturers of mechanically set bits on an equal share basis
- 2 - Two-thirds (2/3) to be assessed against the manufacturers of diamond core drilling equipment, on a pro-rate basis of average industry sales for the years 1948 and 1949.

With regard to this budget, Mr. A. E. Ross recommended that an additional \$1,000 be approved, to take care of the traveling expenses incurred by committee members, in attending meetings of their committees held between regularly scheduled meetings of the Association, such reimbursement to be limited to cost of first class railroad fare including lower berth pullman accommodations.

In this connection, the Secretary reported that in order to expedite the work of the various committees, it was felt that when required, such committees should meet twice between regularly scheduled Association meetings.

Mr. J. B. Martin emphasized that the object behind this recommendation was both to promote more frequent committee meetings, and to promote better attendance at committee meetings.

He said further that at a recent meeting of the Technical Committee on Drill Equipment, it had been suggested that these committee meetings be staggered around the country so as to place on a more equitable basis, the amount of traveling required of the various members.

As a means of holding this item of expense in line, Mr. Longyear suggested

that an endeavor be made to schedule meetings of the various committees in conjunction with meetings of other groups normally attended by the members, such as, for example, meetings of the American Institute of Mining and Metallurgical Engineers.

Mr. Jenkins pointed out that the Technical Committee on Drill Equipment has a good number of subjects on its agenda and he therefore suggested that its work be farmed out to various subcommittees. He pointed out that in this manner, the number of members required to attend meetings would be reduced, thereby reducing the cost to the Association of reimbursing committee members for traveling expenses.

In view of the discussion of this recommendation, the Secretary suggested that the motion be withdrawn, and that the discussion be continued following a motion to approve the recommendation of the Executive Committee regarding budget for the current year.

On motion duly made, seconded and unanimously carried, the budget recommendation of the Executive Committee was approved.

There was further discussion of the suggested additional appropriation of \$1,000 for defraying traveling expenses of committee members, and Mr. Jones made a motion that the Chairmen of the various committees be authorized to determine those committee and subcommittee members whose traveling expenses in attending meetings between regularly scheduled Association meetings should be reimbursed, and that the budget for the current year be increased \$1,000 to take care of these reimbursements.

On motion duly made, seconded and unanimously carried, this recommendation was approved.

Membership

Mr. Schank reminded the members that since the last meeting, application for membership from the following concern had been received and approved:

Core Laboratories, Inc.

He said that subsequent to this approval, it had been found that the activities of this concern did not qualify it for membership, in that it does not manufacture diamond drill equipment for sale in the open market. The Executive Committee had therefore rescinded its approval of this application.

Second Contest

Mr. Schank reminded the members that the current contest had closed on January 1, 1950, and he reported that a total of 4 papers had been received.

He stated further that these papers had been judged by Mr. Evan Just, Editor of Engineering and Mining Journal, and that his selection for the award had been as follows:

Mud Flow Through Oil Field Diamond Core Bits
by
Burton J. Westman, Mgr., Core Bit Div.
Koebel Diamond Tool Company

Mr. Schank reported that the Secretary would distribute mimeographed copies of this paper to all of the members.

Constitution and By-Laws

Mr. Schank referred to Article III of the Constitution and By-Laws, under which any firm or individual engaged in diamond drilling would be eligible for membership in the Association.

He pointed out that since deletion of this provision had been inadvertently overlooked in previous amendments, the Executive Committee had instructed the Secretary to prepare suitable amendment of this article and to submit it to the Association for vote by 30-day letter ballot.

Bulletins Issued Since Last Meeting

As a matter of convenient reference, Mr. Schank reported, the Secretary had been instructed to list in these minutes, the bulletins issued since the last meeting. These are as follows:

Foreign Relations:

ECA Advance Authorizations; Export Counseling for Small Businessmen	10/28/49
ECA Advance Authorizations	11/ 4/49
Advertising Supplement to Marshall Plan Letter	11/ 9/49
ECA Directory of Names and Products of American Small Business Firms	11/ 9/49
ECA Regulation 1 - Amendment, Procedures for Furnishing Assistance to Participating Countries	11/14/49
ECA Advance Authorizations	11/14/49
ECA Advance Authorizations	11/25/49
Registration Period Extended for ECA Exporters' Directory	12/ 1/49
ECA Advance Authorizations; American Investments in Marshall Plan Countries	12/ 2/49
ECA Advance Authorizations	12/12/49
ECA Advance Authorizations; Small Business Circular #7	12/21/49
ECA Advance Authorizations	1/ 6/50
ECA Regulation 1, Order 5 - Extension of Final Date for Submission of Documentation of Delivery of Ocean Transportation Services	1/ 6/50
ECA Advance Authorizations	1/18/50
ECA Advance Authorizations	2/ 2/50
ECA Regulation 4, Amendment - Guaranties Under ECA of 1948, As Amended; Information Required in Applications for Industrial Projects; Fees	1/24/50
ECA Advance Authorizations	2/ 9/50
ECA Directory of Importers of ECA Financed Commodities	2/17/50
ECA Advance Authorizations	2/17/50
ECA Advance Authorizations; ECA Basic Handbook	3/ 3/50
ECA Advance Authorizations; Korean Program	3/17/50
ECA Advance Authorizations	3/24/50
ECA Estimate of Swedish Imports from the U. S.	3/30/50
ECA Korean Program	3/30/50
ECA Estimate of Norwegian Imports from the U. S.	3/30/50

Export Control:

Current Export Bulletin 552 - Changes in Processing Codes	11/14/49
Current Export Bulletin 553 - Technical Data, Establishment of Security Provisions; Revision of General License Designation	11/17/49
Current Export Bulletin 554 - Units of Quantity	
Current Export Bulletin 556 - Appeals Other Than Appeals from Suspension Orders and Denials of Licensing Privileges	12/ 8/49
Current Export Bulletin 558 - Duplicate License Procedure	12/21/49

Export Control:

Current Export Bulletin 559 - Combining of General License GLV & Validated License Shipments; Technical Data; General License GTD	1/ 5/50
Current Export Bulletin 560 - Revision of BLT Procedure & Discontinuance of MCL Procedure	1/18/50
Current Export Bulletin 562 - Special Notice; Amendments of Export Licenses	1/18/50
Current Export Bulletin 563 - Special Notice for Project License Applications and Project Licensees	1/30/50
Current Export Bulletin 563 - Submission of Shipper's Export Declaration in Quadruplicate & Additional Information Required in Certain Cases	1/27/50
Current Export Bulletin 567 - Revisions in Positive List	3/17/50
Current Export Bulletin 567 - Extension of Country Group R & Related Changes	3/16/50
Current Export Bulletin 568 - Country Group O	3/24/50
Employee Relations - Fair Labor Standards Act:	
H. R. 5856	10/31/49
Part 521 - Employment of Apprentices, Request for Special Certificate	12/21/49
Part 516 - Records to be Kept by Employers, Posting of Notices	12/21/49
Employment of Handicapped Persons	12/21/49
Part 541 - Defining & Delimiting the Terms "Any Employee Employed in a Bona Fide Executive, Administrative, Professional or Local Retailing Capacity, or in the Capacity of Outside Salesman"	12/27/49
Employment of Apprentices	1/ 6/50
Part 541 - "Executive, Administrative, Professional, Local Retailing, Outside Salesman", Explanatory Bulletin	1/16/50
Part 520 - Student Learners	1/24/50
Part 524 - Employment of Handicapped Persons	1/24/50
Employment of Apprentices, Training of Veterans	2/ 2/50
Labor Relations Institute Report on Wage-Hour Law & White Collar Regulations	2/ 7/50
Interpretative Bulletin 778 - Overtime Compensation	3/ 6/50
Employee Relations - General:	
Labor Relations Institute - How to Audit Your Labor Relations	11/17/49
Stocks, Bonds, Wall Street -- and You	12/27/49
Issue 66 - Chamber of Commerce Labor Relations Letter	1/23/50
Taxes:	
Social Security Taxes	11/23/49
T. D. 5760 - Use of Federal Reserve Banks & Authorized Commercial Banks in Connection with Payment of Taxes; T. D. 5759 - Tax-Return Periods Commencing After December 31, 1949, Prescribing a Combined Return for Reporting Taxes	11/28/49
Federal Taxes	1/23/50
Economy and Taxes	3/ 9/50
Miscellaneous:	
What Little Business Thinks of Big Business	11/23/49
Index of Military Purchasing Revised	1/ 5/50
Government Bid Information	3/21/50
Federal Trade Commission Act, Amendment - H. R. 2023	3/21/50

Business Conditions Survey

Mr. Schank reported that after considerable discussion, the Secretary had been instructed to revise the suggested business conditions questionnaire form to meet the particular conditions of the diamond core drilling industry, and to distribute forms covering the first quarter of this year as soon as possible.

Procedure on Association Files & Records

Mr. Schank reminded the members that some time ago, the Association had adopted Part I of a procedure for handling association files and records, and he pointed out that this Part covered primarily mimeographed material, financial records and statistical files.

He said that in order to complete this procedure, the Executive Committee had considered and approved the following recommendations, to be designated as Part II, covering the correspondence and allied files of the Association:

- 1 - That all correspondence, as far as feasible, be filed by subject,
- 2 - That all material coming within the scope of Part II of the procedure, be destroyed after seven (7) years, with the following exceptions:
 - a. Statistics or other historical data
 - b. Engineering correspondence and material
 - c. Standardization correspondence and material
- 3 - That material classifiable under "2-a" above, including the following, be held indefinitely:
 - a. Reports to the association by outside agencies covering projects sponsored and paid for by the association, or by its members or groups of members; such as, market or other surveys, engineering and technical research.
 - b. Statistical reports and summaries collected and compiled by the association for its members or groups of members, other than monthly statistics which is covered in Part I of this procedure.
 - c. Statistical data secured by the association from outside sources for the use of its members or groups of members; such as, data from the Department of Commerce, etc.
- 4 - That material classifiable under "2-b" above include:
 - a. Correspondence on technical or engineering subjects resulting either from cooperation with outside groups; such as, the American Standards Association; or from activities of committees appointed by the association to study specific problems; or from technical inquiries addressed to the association by non-members or members; none of which has resulted in the adoption by the association of recommended standards. This material shall be reviewed every three (3) years and discarded, if there is no probable future interest.
- 5 - That material classifiable under "2-c" above include:
 - a. Correspondence resulting from the development and adoption of recommended standards by the association. As soon as a definite recommended standard is finally approved and mimeographed, all correspondence leading to its development is to be discarded.
- 6 - That none of the policies set up in Part II shall affect any of the policies set up in Part I of this procedure.

- 7 - That the policies set up in Part II of this procedure shall become effective as of January 1, 1950.

Next Meeting

Mr. Schank submitted the recommendation of the Executive Committee that the next meeting be held at The Drake in Chicago, on Monday and Tuesday, September 11-12, 1950.

On motion duly made, seconded and unanimously carried, this recommendation was approved.

Later in the meeting, the Secretary suggested that the Executive Committee give consideration to holding future meetings of the Association at resorts so as to offer the members an opportunity to play golf and to participate in some purely social activities.

On motion duly made, seconded and unanimously carried, the report of the Executive Committee was approved.

TECHNICAL COMMITTEE ON DRILL EQUIPMENT

Mr. Schank called upon Mr. J. B. Martin, Chairman of the above Committee, for a report.

Mr. Martin stated that since the last meeting of the Association, his Committee had met twice.

Drill Rod Dimensions

Mr. Martin reminded the members that at previous meetings, the Association had approved the following recommendations covering the drill rod standards:

- 1 - Dimensions covering E and A drill rods
- 2 - Nomenclature designation of EXU, AXU, BXU and NXU
- 3 - January 1, 1951 as the effective date for making the new drill rods available to the trade

After further consideration, Mr. Martin reported, his Committee desired to recommend that the above actions be rescinded and that the following be approved:

- 1 - That all sizes of drill rods be made with Stub Acme or modified Stub Acme Threads
- 2 - That these new drill rods be known as EU, AU, BU and NU rods
- 3 - That the effective date for making the new drill rods available to the trade be postponed to April 1, 1951
- 4 - That the dimensions of D, M₁ and K₁ be as follows:

	D	M ₁	K ₁
EU	1-3/8"	1-5/8"	.941/.943
AU	1-3/4	1-15/16	1.253/1.255
BU	2-3/16	2-3/16	1.597/1.599
NU	2-3/4	2-5/8	2.066/2.068

Mr. Martin pointed out that the representative from the Canadian Diamond Drilling Association had agreed to attempt to have the Canadian manufacturers

accept the above recommended nomenclature covering the new drill rods.

He said further that the acceptance of the Acme Thread and of the dimensions for D, M₁ and K₁ would enable manufacturers to place orders for tubing.

Core Lifter Specifications

With regard to core lifters, Mr. Martin reported that this would require additional study, but said that certain dimensions for the X series had been agreed upon and that each committee member would submit a tabulation of suggested dimensions aimed to establish standardization of this equipment.

DCDMA X Series Standards

With regard to the Standards pamphlet, Mr. Martin reported that Pennsylvania Drilling Company had prepared a tabulation, designed Plate No. D-4, on which they had listed all of those items from CS17-47 which were previously standardized by the Bureau of Standards, and which it is proposed to transfer to the DCDMA Standards pamphlet.

He submitted the recommendation of his Committee that the dimensions listed on this plate be adopted as DCDMA standards, and said that revised copy of this tabulation would be furnished to the Association for distribution to all of the members.

There was some discussion of this report, and Mr. Jones moved that the recommendations of the Committee be accepted.

This motion was duly seconded and unanimously carried.

TECHNICAL COMMITTEE ON MECHANICALLY SET BITS

The President called upon Mr. W. C. Weslow, Chairman of the above Committee, for a report.

Reaming Shell and Bit Ring Gauges

Mr. Weslow reported that the Committee had reached agreement on the sizes covering the X series core bits and reaming shells, and he asked for a motion that the Committee be instructed to prepare a drawing listing these sizes for distribution to all of the members for acceptance or rejection.

On motion duly made, seconded and unanimously carried, the Committee was instructed to prepare the recommended drawing and to submit copies to the Secretary for distribution to all of the members.

STANDARDS INDEX COMMITTEE

Mr. Schank called upon Mr. A. E. Ross for a report of his Committee.

Mr. Ross reported that his Committee planned to revise the Standards Index distributed to the members on June 10, 1949, to include the material which had been accepted at this meeting.

STANDARDS PAMPHLET COMMITTEE

The President called upon Mr. W. C. Weslow, Chairman of the Standards Pamphlet Committee, for a report.

Mr. Weslow reported that the preparation of the copy for the Standards pamphlet had been delayed because of the necessity of selecting those items from CS17-47 to be included in this publication.

He said that sufficient progress had now been made to enable the Committee to set up this pamphlet and to submit it to the Secretary for distribution to all of the members.

Mr. Weslow pointed out that the Committee planned to indicate those parts that have been standardized and those that have not been standardized and it was suggested that this could be shown by the use of asterisks.

On motion duly made, seconded and unanimously carried, the Committee was instructed to distinguish between those parts that have been standardized and those that have not, and the form of such designation was left to the discretion of the Committee.

DIAMOND DRILLING IN OIL FIELD COMMITTEE

Mr. Schank called upon Mr. Patrick Adamson, Chairman of the above Committee, for a report.

Mr. Adamson stated that there was nothing much to report at this time, except that there is another move on among the various manufacturers who plan to meet to discuss again whether or not any parts can be made interchangeable. He said the Committee would watch and report developments to the Association from time to time.

STANDARD NOMENCLATURE COMMITTEE

The President called upon Mr. J. B. Martin, Chairman of the above Committee, for a report.

Mr. Martin reminded the members that on November 9, 1949, the Secretary had sent them recommended standard nomenclature for the diamond core drill industry.

He stated that the comments received from a majority of the members indicated disagreement on the following items:

1 - Subs.

Mr. Martin reported that Acker Drill Company had suggested the designation "reducers" in place of "subs.". There was some discussion, and Acker Drill Company agreed to accept the designation "subs.".

2 - Double Tube Core Barrels

Mr. Martin reported that Koebel Diamond Tool Company had suggested that this item be designated as "double tube core barrels, rigid" and "double tube core barrels, swivel". There was some discussion of this, and it was agreed to make the changes suggested by Koebel Diamond Tool Company.

3 - Reamer Shell

Mr. Martin reported that the following companies recommended the designation "reaming shell", instead of "reamer shell":

Chicago Pneumatic Tool Co.
Diamond Products, Inc.
E. J. Longyear Company
J. K. Smit & Sons, Inc.
Wheel Trueing Tool Co., Inc.

After consideration, on motion duly made, seconded and unanimously carried, it was decided to designate this as "reaming shell".

Mr. Martin pointed out further that the designation of the new drill rods would have to be changed to EU, AU, BU and NU, in accordance with the action taken earlier in this meeting.

On January 5, 1950, Mr. Martin reminded the members, the Secretary had also sent them a supplemental bulletin containing the following two items of standard nomenclature:

Impregnated bits
Surface set bits

He reported that these items had been approved by a majority of the members.

On motion duly made, seconded and unanimously carried, the report of the Standard Nomenclature Committee was approved.

PUBLICITY COMMITTEE REPORT

The President called upon Mr. Patrick Adamson, Chairman of the above Committee, for a report.

Second Contest

Mr. Adamson pointed out that the current contest, in which 4 papers had been entered, represented one of the projects in the program of gaining publicity for the association.

He pointed out further that the subject of the winning essay was "Mud Flow Through Oil Field Diamond Core Bits", and said that the original objective of the contest program had been to secure essays from those engaged in diamond drilling of more direct interest to the users of diamond drilling equipment.

Mr. Adamson stated that the Committee had encountered considerable difficulty in its efforts to have the winning paper in the first contest accepted for publication by a trade journal, because the engineering and mining journals are not particularly interested in the subject covered, and because the oil field trade journals already have an abundance of material on the subject. Mr. Adamson anticipated that the winning paper in the current contest would receive the same reception. This inability to secure publication, Mr. Adamson emphasized, defeats one of the primary objectives of the contest program.

His Committee was therefore of the opinion that the contests should be continued, but that for the guidance of the contestants and the effectuation of the objectives of the program, the subjects eligible for an award should be clearly specified in the contest rules.

There was some discussion of this program, and Mr. Sturges suggested that in place of the regular contests which set a time limit for the receipt of papers, the Association set up a fund of \$200, out of which \$100 each would be awarded for the first two papers presented to the Association and accepted for publication by an interested trade journal.

Mr. Martin moved that the suggestion made by Mr. Sturges be approved, with the proviso that the total number of awards in any one year be limited to two.

This motion was duly seconded and unanimously carried.

With regard to the general program of publicity, Mr. Adamson reported that the Committee did not feel any further releases should be distributed until the Standards pamphlet was actually in print.

In this connection, he reminded the members that on November 9, 1949, they had been canvassed with regard to their willingness to send to the Secretary, complete list of those engaged in diamond drilling. He pointed out that these lists would be collected by key number and kept strictly confidential in the office of the Secretary, and that they would be coordinated by the Secretary for the purpose of preparing a master list which could be used for the distribution of the Standards pamphlet and other publicity releases.

He reported that two of the members had indicated they would not be willing to submit such a listing, 4 of the members had not been heard from, and 11 of the members had indicated their willingness to supply the data requested. Mr. Adamson said further that this response would provide sufficient information to prepare the proposed listing.

Mr. Adamson reported that the distribution of printed copies of the Standards pamphlet would be the first assignment of the Publicity Committee, and that this would then be followed up by the distribution of supplementary releases.

NOMINATING COMMITTEE REPORT

Mr. Schank called upon Mr. J. B. Martin, Chairman of the Nominating Committee, for a report.

Mr. Martin submitted the following recommendations of his Committee:

PRESIDENT	F. C. Sturges
VICE-PRESIDENT	Patrick Adamson
SECRETARY-TREASURER	C. C. Rohrbach
EXECUTIVE COMMITTEE:	
1 year terms	R. D. Longyear J. B. Martin
2 year terms	G. B. Doner Patrick Adamson
3 year terms	Frank L. Christensen Wm. J. Schank

The President asked for additional nominations from the floor. There being none, on motion duly made and seconded, the nominations were declared closed, and the Secretary was instructed to cast one ballot unanimously electing the foregoing to their respective offices.

The Secretary reported that this had been done, and the above were duly declared elected.

AX CORE BARREL

Mr. Longyear suggested that hereafter, the Standards list core hole size to

the nearest sixteenth of an inch.

There was some discussion of this, and Mr. Weslow, Chairman of the Standards pamphlet, reported that this would be so listed in the printed Standards.

Mr. Longyear made a motion that in the Standards pamphlet, or wherever this is listed as nominal dimensions, the core and hole size be listed to the nearest sixteenth of an inch of the nominal set dimension, with the word "approximate" or some other such variation, added to it.

This motion was duly seconded and unanimously carried.

STANDARD RIGID DOUBLE TUBE CORE BARREL IN THE X SERIES

Mr. Jenkins suggested that the Association consider the possibility of developing a standard rigid double tube core barrel in the X series. He said that in his opinion, this would not obsolete any of the existing core barrels, but would provide a barrel which could be sold to the trade as a standard DCDMA barrel and thus, in time, the Association could succeed in getting all of the consumers to use the same rigid barrel.

Mr. Martin pointed out that this is already coming before the Technical Committee in its attempt to standardize the lower end of the barrel.

Mr. Jenkins stated further that this would avoid the necessity of trying to rationalize the conflicting dimensions of all of the manufacturers, and that the development of a new design would provide a barrel that could fit all types. He therefore made a motion that this subject be referred to the Technical Committee on Drill Equipment for study and recommendation.

This motion was duly seconded and unanimously carried.

MISCELLANEOUS

Mr. Wm. J. Schank, retiring President, introduced the new President, Mr. F. C. Sturges.

On motion duly made, seconded and unanimously carried, a vote of appreciation was offered to Mr. Schank for his services on behalf of the Association during his term of office. This vote of appreciation was also extended to the members of the various committees.

Mr. Sturges announced that a meeting of the new Executive Committee would be held directly following lunch.

Mr. Longyear suggested that the Executive Committee give consideration to the possibility of having a technical paper presented at future meetings of the Association.

Mr. Stevenson, who was representing the Canadian Diamond Drilling Association, expressed his appreciation for the opportunity of being present and for the courtesies that had been extended to him.

He reported that the Canadian Diamond Drilling Association had scheduled its annual meeting in North Bay for June 3, 1950, and he extended to all of the members a cordial invitation to attend.

There being no further business to come before the meeting, it adjourned.

DIAMOND CORE DRILL MANUFACTURERS' ASSOCIATION
TREASURER'S REPORT
JANUARY 1, 1950 - MARCH 31, 1950

ITEM 1 - LIQUID ASSETS - January 1, 1950:			
Checking Account - Corn Exchange Bank Trust Co.	\$ 1,973.35		
U. S. A. Savings Bonds - Series "F"	<u>2,220.00</u>		
TOTAL LIQUID ASSETS - January 1, 1950			\$ 4,193.35
ITEM 2 - INCOME - January 1 - March 31, 1950:			
Assessments - past year	-		
- current year	<u>1,425.00</u>		
TOTAL INCOME - January 1 - March 31, 1950			<u>1,425.00</u>
TOTAL LIQUID ASSETS AND INCOME - Jan. 1 - Mar. 31, 1950			<u>\$ 5,618.35</u>
ITEM 3 - EXPENDITURES - January 1 - March 31, 1950:			
A - General Expenses:			
Secretary's salary	<u>249.67</u>	\$	249.67
B - Operating Expenses (Secretary's Office):			
Office personnel	96.94		
Occupancy (rent, light and cleaning)	35.59		
Office equipment maintenance	1.65		
Mimeographing	76.33		
Printing	12.57		
Publications (outside purchases)	10.72		
Stationery	-		
Postage	30.89		
Telephone	4.09		
Telegraph	1.89		
Insurance	-		
Federal Social Security taxes	6.09		
State Unemployment Insurance taxes	8.05		
State Disability Insurance taxes	-		
Miscellaneous office supplies	.71		
Miscellaneous office expenses	.38		
Dues	16.74		
Audit	-		
			<u>302.64</u>
C - Travel - Meeting Expenses:			
Past year	-		
Current year	<u>.02</u>		.02
D - Reimbursable Wash Transactions:			
Wage & Hour Law and White Collar Regulations	<u>2.90</u>		2.90
TOTAL EXPENDITURES - Jan. 1 - Mar. 31, 1950		\$	<u>555.23</u>
ITEM 4 - LIQUID ASSETS - March 31, 1950:			
Checking Account - Corn Exchange Bank Trust Co.	2,843.12		
U. S. A. Savings Bonds - Series "F"	<u>2,220.00</u>		
TOTAL LIQUID ASSETS - March 31, 1950			<u>5,063.12</u>
TOTAL EXPENDITURES AND TOTAL LIQUID ASSETS - March 31, 1950			<u>\$ 5,618.35</u>

TREASURER'S REPORT
DIAMOND CORE DRILL MANUFACTURERS ASSOCIATION
JANUARY 1, 1949 - DECEMBER 31, 1949

ITEM 1 - LIQUID ASSETS - JANUARY 1, 1949

Checking account - Corn Exchange Bank Trust Co.	\$ 3,465.63	
TOTAL LIQUID ASSETS - JANUARY 1, 1949		\$ 3,465.63

ITEM 2 - INCOME - JANUARY 1 - DECEMBER 31, 1949:

Assessments - past year	-	
- current year	3,000.00	
Miscellaneous:		
Core Drill Contractors Association - contribution	166.83	
Jones Core Drilling Co. - contribution	50.00	
Reimbursable Wash Transactions (see below):		
Sales of Ozalids	269.28	
"How to Audit Your Labor Relations"	<u>1.90</u>	
TOTAL INCOME - JANUARY 1 - DECEMBER 31, 1949		<u>3,488.01</u>
TOTAL LIQUID ASSETS AND INCOME - DECEMBER 31, 1949		<u>\$ 6,953.64</u>

ITEM 3 - EXPENDITURES - JANUARY 1 - DECEMBER 31, 1949:

A - General Expenses:		
Secretary's salary	<u>833.67</u>	833.67
B - Operating Expenses: (Secretary's office):		
Office personnel	262.82	
Occupancy (rent, light, cleaning)	159.26	
Office equipment expenses	11.33	
Mimeographing	41.57	
Printing	39.53	
Outside publications and subscriptions	17.02	
Stationery	68.59	
Postage	140.77	
Telephone	16.20	
Telegraph	22.37	
Insurance	1.46	
Federal Social Security taxes	11.35	
N. Y. State Unemployment Insurance taxes	11.43	
Miscellaneous office supplies	9.36	
Miscellaneous office expenses	3.42	
Dues - outside memberships	20.85	
Audit	<u>20.00</u>	857.33
C - Travel and Meeting Expenses:		
Past year	-	
Current year	<u>659.01</u>	659.01
D - Non-Budgetary Expenses:		
Printing contest rules	27.00	
Contest prize	100.00	
Publicity on Standards	5.88	
Purchase contest paper	<u>25.00</u>	157.88
E - Reimbursable Wash Transactions (as above)		
Purchase of Ozalids	250.50	
"How To Audit Your Labor Relations"	<u>1.90</u>	252.40
TOTAL EXPENDITURES - JANUARY 1 - DECEMBER 31, 1949		<u>\$ 2,760.29</u>

TREASURER'S REPORT
DIAMOND CORE DRILL MANUFACTURERS ASSOCIATION
JANUARY 1, 1949 - DECEMBER 31, 1949

ITEM 3 - EXPENDITURES: BROUGHT FORWARD \$ 2,760.29

ITEM 4 - LIQUID ASSETS - DECEMBER 31, 1949:

Checking account - Corn Exchange Bank Trust Co.	\$ 1,973.35
U. S. Savings Bonds - Series "F"	<u>2,220.00</u>

TOTAL LIQUID ASSETS - DECEMBER 31, 1949 4,193.35

TOTAL EXPENDITURES AND TOTAL LIQUID ASSETS-DECEMBER 31, 1949 \$ 6,953.64

DIAMOND CORE DRILL MANUFACTURERS ASSOCIATION
90 WEST STREET
NEW YORK 6

MINUTES: DIAMOND CORE DRILL MANUFACTURERS ASSOCIATION - 35TH MEETING

PLACE OF MEETING: THE DRAKE - CHICAGO

DATE AND TIME: TUESDAY, SEPTEMBER 12, 1950 - 10:15 A. M.

MEMBERS PRESENT:

Christensen Diamond Products Co.	E. M. Jenkins	Asst. Sales Mgr.
" " " "	W. A. Kempe	Chief Engineer
Chicago Pneumatic Tool Company	Henry G. Fossum	Rock Drill Div.
Diamond Products, Inc.	W. C. Weslow	President
" " " "	W. J. Weslow	
George E. Failing Supply Co.	Munsey Waters	Engrg. Dept.
Jones Core Drilling Company	A. Raymond Jones	Owner
Joy Mfg. Co., Sullivan Div.	J. B. Martin	Mgr., Core Drill Div.
" " " "	Robert Norrick	Engrg. Dept.
E. J. Longyear Company	R. D. Longyear	President
" " " "	G. C. Winther	Chief Engineer
Pennsylvania Drilling Company	F. C. Sturges	Vice-President
J. K. Smit & Sons, Inc.	H. J. Meinert	Vice-President
" " " " " "	K. S. MacPherson	
Sprague & Henwood, Inc.	A. E. Ross	Asst. to Pres.
" " " "	H. J. Longmore	Secretary
Wheel Trueing Tool Co., Inc.	Patrick Adamson	

MEMBERS ABSENT:

Acker Drill Company, Inc.
Koebel Diamond Tool Company
R. S. McClintock Company
Mott Core Drilling Company
Anton Smit & Co., Inc.

OTHERS PRESENT:

C. C. Rohrbach, Secretary

PRESIDING OFFICER:

F. C. Sturges, President

MINUTES

On motion duly made, seconded and unanimously carried, the minutes of the previous meeting, held on April 5, 1950, were approved as distributed.

EXECUTIVE COMMITTEE REPORT

Mr. Sturges called upon Mr. Patrick Adamson, Chairman of the Executive Committee, for a report.

Treasurer's Report

Mr. Adamson stated that the Executive Committee had accepted the report of the Treasurer, as submitted, and had instructed the Secretary to spread copies in these minutes, as a matter of record. Copy is attached hereto.

In this connection, Mr. Adamson reported that there had been some discussion of the special appropriation approved at the annual meeting to defray the traveling expenses incurred by members of the various committees in attending special in-between Association meetings.

He reminded the members that one of the principal reasons for the establishment of this appropriation had been to encourage the attendance at such special meetings, but said experience indicated this had not resulted.

He said further that of the \$1,000.00 appropriated for this purpose, \$734.49 had already been expended, and he pointed out that based on this rate of use, the cost of paying these traveling expenses would probably far exceed expectations.

Under the circumstances, Mr. Adamson stated, the Executive Committee did not feel that the resulting increase in dues was justified, and it had therefore decided to discontinue this appropriation and had instructed the Secretary to discontinue reimbursing committee members for expenses incurred in attending special in-between Association meetings.

Mr. Weslow stated that in his opinion, the members were in a position to absorb these expenses, but he suggested that such special meetings be held in more central locations, in an endeavor to control the cost of attending.

Mr. Norrick reported that the Technical Committee on Drill Equipment, of which he is Chairman, has been holding its meetings, in rotation, at the plants of the various members, thus giving each member in turn the benefit of not having to travel. He said further that this plan had the advantage of making available to the Committee for its discussions, data, drawings, etc., which were often too cumbersome to carry.

After some additional discussion, on motion duly made, seconded and unanimously carried, the above action was approved.

Membership

Mr. Adamson reported that because of its curtailed activities in the diamond core drill manufacturing industry, the following had resigned its membership in the Association:

Carboloy Company
Detroit 32, Michigan

Mr. Adamson also reported that the following had requested an opportunity to present comments on the standards being developed by this Association and had evidenced interest in membership:

Mineral Drillers, Ltd.
Victoria, Australia

He reported that as President, Mr. Sturges had replied to this request, informing them of the present status of the standardization program, inviting them to submit their comments on standardization of drilling equipment, and

advising that our Constitution and By-Laws do not provide for foreign members. He said further that this concern would be included in the list of those to whom notices regarding the availability of the Association Standards will be sent.

Constitution and By-Laws

Mr. Adamson reminded the members that on May 18, 1950, the Secretary had sent them copies of the Constitution and By-Laws, containing the revision of Article III on membership.

Deep Drilling Standards

Mr. Adamson reported that the following concern had suggested that the Association develop standards for drilling below 3000', pointing out that they have experienced considerable difficulty in depths exceeding 3000' from surface, essentially in vertical holes, and that they attributed part of these difficulties to the design and operation of the present deep hole drilling equipment:

The Cleveland-Cliffs Iron Co.

More specifically, Mr. Adamson stated, this concern suggested that the 2-3/4 x 3-7/8" size be retained in the deep hole standards, and that there be three standard sizes smaller than this size taking the place of the four standard sizes now employed.

Mr. Adamson reported that as President, Mr. Sturges had notified the above concern of the present standardization program, and had asked them to contribute such additional experience as they might have.

After considerable discussion, Mr. Adamson stated, the Executive Committee decided to take no action on this problem since the Technical Committee on Drill Equipment is not now in a position to give it any study.

Publicity

Mr. Adamson reminded the members that on April 19, 1950, the Secretary had sent them copy of the winning paper in the second contest, as follows:

Mud Flow Through Oil Field Diamond Core Bits by Burton J. Westman

In this connection, Mr. Adamson reported that subsequent to its selection for the award, it had come to his attention that the above paper had been previously submitted to the Journal of Petroleum Technology and that it had been published by this trade paper in its December 1949 and July 1950 issues.

He reminded the members that under the contest rules, winning essays become the unrestricted property of the Diamond Core Drill Manufacturers Association, and said that Mr. Westman should not, therefore, have accepted the \$100.00 prize award.

Under the circumstances, Mr. Adamson stated, he had requested Mr. Westman to return the amount involved, and had received his assurances that he would do so just as soon as he was able to raise the necessary funds.

With further reference to the second contest, Mr. Adamson stated, he was pleased to report that the following two papers had been accepted for publication by the media listed:

- | | |
|--|---|
| 1 - Quarrying with Diamond Drills
by Patrick Adamson | Published by Pit and Quarry |
| 2 - Exploratory Drilling of the Colorado Plateau Uranium Deposits
by Alan G. Conner | Published by Engineering and Mining Journal |

Mr. Adamson pointed out that the above articles will carry a notation indicating that they are contributions by the Diamond Core Drill Manufacturers Association.

On May 26, 1950, Mr. Adamson reminded the members, the Secretary had sent them copies of the printed rules covering the third contest, and he pointed out that these rules had been revised, principally, as follows:

- 1 - The contest has been placed on a continuing basis and will renew itself unless specifically terminated by the Association, on June 1st of each year.
- 2 - Two \$100.00 cash prizes will be awarded in each annual period.
- 3 - The only requirement for an award is that the article submitted be accepted for actual publication by one out of three selected trade papers.

Mr. Adamson stated he was reluctant to report that as yet, not a single paper had been submitted and he urged the members to give this project their active support.

With regard to the issuance by the Association of independent standards, Mr. Adamson reminded the members that they had sent to the Secretary, for the purpose of preparing a composite list of interested concerns to whom notices should be mailed, their lists of diamond drill purchasers. He said that in correlating these lists, the Secretary had found a great number of apparent discrepancies and he therefore suggested that the members recheck the lists as submitted, and send him such corrections as might be required.

The correlation of these lists had also indicated that in many instances, the names of four or five individuals had been supplied for a particular concern. The Secretary had pointed out, Mr. Adamson stated, that in maintaining such lists for other Associations of which he is Secretary, experience indicated that because of frequent personnel changes, it is inadvisable to address notices to particular individuals. He therefore suggested that for reasons both of accuracy and economy, the names of individuals be deleted from the composite listing.

Mr. Adamson reported that the Executive Committee had approved this suggestion, and had instructed the Secretary to address all publicity notices to the attention of the diamond drilling department.

Industry Mobilization Committee

Mr. Adamson reported that due to the present national defense emergency, the Executive Committee had appointed the following an Industry Mobilization Committee, to consult and guide the Secretary, when necessary, on matters of

priorities, allocations, and other Government controls;

J. B. Martin, Chairman
James A. Ross
F. C. Sturges

Nominating Committee

Mr. Adamson reminded the members that elections for officers and members of the Executive Committee would be held at the next meeting, and he reported that the Executive Committee had therefore appointed the following Nominating Committee:

R. D. Longyear, Chairman
J. B. Martin
W. C. Weslow

Mr. Adamson reported that the above Committee would submit nominations for President, Vice-President, and for two members of the Executive Committee to serve for 3 years to replace Messrs. R. D. Longyear and J. B. Martin, whose terms of office expire in 1951.

U Series Rods and Couplings

Mr. Adamson reminded the members that at the previous meeting, the effective date for making the new drill rods available to the trade had been postponed from January 1, 1951 to April 1, 1951.

Since that time, Mr. Adamson stated, the Technical Committee on Drill Equipment had again considered these and had decided that the rods should first be tried for an experimental period before their final adoption as Standard by the Association.

Due to unavoidable delay in obtaining necessary tubing and in running field tests, the above Committee decided to recommend that the Association rescind its previous action and that the effective date for making the new drill rods available to the trade be indefinitely postponed.

Mr. Martin pointed out that the members are free to manufacture and sell these new rods as X series rods, but that they cannot be offered as Standards of the Association until the Association sets an effective date for their adoption.

He pointed out further that his Company ordered the required tubing more than six months ago and that this has not yet been received.

After considerable discussion, on motion duly made, seconded and unanimously carried, the recommendation of the Technical Committee on Drill Equipment was approved.

Standardization of ID of Casing Reaming Shell

Mr. Adamson reported that the Executive Committee had referred to the Technical Committee on Drill Equipment for recommendation, the standardization of the ID of the casing reaming shell.

Nomenclature

Mr. Adamson stated that the Executive Committee had discussed the present

status of the development of standard nomenclature, and had been reminded that on April 19, 1950, the Secretary had distributed Engineering Bulletin No. 3-49 containing the nomenclature approved as by the Association at its meeting on April 5, 1950. He said further that the special Committee appointed to develop this nomenclature had been discharged.

Under the circumstances, Mr. Adamson reported, the Executive Committee had decided that the development of additional standard nomenclature would be assigned to the Standards Index Committee.

Standardization of Internal Discharge Bit for Large Series Core Barrels

Mr. Adamson reported that the Executive Committee had referred to the Technical Committee on Drill Equipment for recommendation, the possibility of standardizing the internal discharge bit for the large series core barrels.

Bulletins Issued Since Last Meeting

As a matter of convenient reference, Mr. Adamson reported, the Secretary had been instructed to list in these minutes, the bulletins issued since the last meeting. These are as follows:

Foreign Relations:

ECA Advance Procurement Authorizations	4/ 6/50
ECA Advance Procurement Authorizations	4/18/50
ECA Advance Procurement Authorizations; Commodity Determinations	5/ 1/50
ECA Advance Procurement Authorizations	5/10/50
ECA Advance Procurement Authorizations; Italian Government List of Import License Requests for Purchases under ECA	5/19/50
ECA Advance Procurement Authorizations	5/26/50
ECA Advance Procurement Authorizations	6/ 9/50
ECA Small Business Circular 124	6/14/50
ECA Advance Procurement Authorizations; Doing Business With Austria and With Germany	6/21/50
ECA Advance Procurement Authorizations	6/30/50
Directory of Portuguese Importers; Netherlands Importers; Six Steps in Successful Exporting under ECA	7/12/50
ECA Advance Procurement Authorizations	7/12/50
ECA Office of Small Business Directories; 15th List of New Italian Import License Preliminary Approvals; ECA Advance Procurements	7/27/50
ECA Advance Procurement Authorizations; 16th List of New Italian Import License Preliminary Approvals; Directory of Austrian Importers of ECA-Financed Commodities	8/18/50
ECA Advance Procurement Authorizations	9/ 1/50

Export Control:

Current Export Bulletin 570 - Dollar Limit Project Licenses	4/20/50
Current Export Bulletin 571 - Recexportation from Country of Destination; Amendment of Destination Control Regulations	5/ 1/50
Current Export Bulletin 572 - Revision in the Positive List	5/10/50
Current Export Bulletin 574 - Shipments to Taiwan (Formosa)	6/14/50
Current Export Bulletin 575 - Special Notice	6/26/50
Current Export Bulletin 576 - Special Notice	7/ 6/50
Current Export Bulletin 579 - Order Revoking Validated Licenses to Manchuria and China	8/17/50
Current Export Bulletin 582 - Establishment of Subgroup A Within Country Group R; Validity Period of Individual Export Licenses	8/23/50

Government Emergency Controls:	
Military Renegotiation Regulations, Amendment 7, Part 428 - Statutes, Orders and Directives	4/18/50
Military Renegotiation Regulations, Part 423 - Determination of Renegotiable Business & Costs; General Classes or Types of Exempted Contracts and Subcontracts	5/ 3/50
Military Renegotiation Regulations, Part 423 - Determination of Renegotiable Business & Costs; General Classes or Types of Exempted Contracts and Subcontracts	8/17/50
The Defense Production Act of 1950	7/21/50
The Defense Production Act of 1950	9/ 6/50
DPA - Executive Order Requiring Preservation of Price & Cost Data	9/11/50
Defense Blueprint - Munitions Board Issues New Guide for Industry	4/21/50
Selective Service Act of 1948 - Sec. 18 - Utilization of Industry Provisions Extended	7/19/50
Government Emergency Controls	7/24/50
National Defense Manpower Requirements; Deferment Policies for Reservists, List of Critical Occupations; List of Essential Activities; Procedure for Handling Deferments; NSRB List of Suggestions for Industry on Manpower	8/17/50
Employee Relations - FLSA:	
Executive, Administrative & Professional Employee Regulations	4/10/50
Notice of Proposed Rule Making, Part 516 - Records to be Kept by Employers	4/20/50
Part 516 - Records to be Kept by Employers	5/25/50
Interpretative Bulletin, General Coverage of the Wage and Hour Provisions of the FLSA, As Amended	5/31/50
Part 789 - General Statement on Wage-Hour Compliance Certificates With Particular Reference to "Hot Goods"	8/17/50
Employee Relations - NLRB:	
Ruling on Merit Rating	4/21/50
Interpretation of "Cooling-Off" Rule	4/18/50
Rules on Union Rights at Grievance Adjustments	5/ 3/50
Equal Speaking Time for Union not Required; Policies Covering Collection of Back Wages	6/21/50
Employee Relations - General:	
Pension Plans and the Bureau of Internal Revenue Regulations	5/10/50
State Power to Limit Picketing	5/22/50
Minimum Wage Determinations under Walsh-Healey Public Contracts Act	6/30/50
Unqualified Solicitations	8/17/50
Miscellaneous:	
Congressional Reorganization Plan 12 - NLRB	4/14/50
H. R. 8005 - Public Contracts	5/25/50
S. 1008 - Delivered Pricing Bill	6/ 9/50
Social Security	8/29/50

Next Meeting

Mr. Adamson submitted the recommendation of the Executive Committee, that the next meeting be held following March 15, 1951.

The Secretary suggested that this be held at The Homestead, Hot Springs, Virginia, on Monday and Tuesday, April 2-3, 1951.

On motion duly made, seconded and unanimously carried, this recommendation was approved.

This concluded the report of the Executive Committee.

TECHNICAL COMMITTEE ON DRILL EQUIPMENT REPORT

Mr. Sturges called upon Mr. Robert Norrick, Chairman of the above Committee, for a report.

Mr. Norrick reported that his Committee had held three meetings since the last meeting of the Association.

U Series Rods and Couplings

Mr. Norrick reminded the members that the Executive Committee had already reported the recommendations of his Committee on the subject of U series rods and couplings.

He pointed out that his Committee had completed its work on these and that unless the field tests require it, there will be no changes in its recommendations.

X Series Core Lifters and Reaming Shells

Mr. Norrick reminded the members that his Committee was working on the standardization of the X series core lifter and bit end of the reaming shell for both the single and double tube core barrels.

He stated that this work had been limited to the bottom end of the reaming shell since a standardization of the entire shell would require standardization of the entire core barrel.

Mr. Norrick reported that work on this subject had been completed at the Committee meeting yesterday, and that the necessary drawings would be forwarded to the Secretary for approval by the members by mail vote.

In this connection, Mr. Norrick submitted the recommendation of his Committee that the Technical Committee on Mechanically Set Bits reconsider the reset ID of the core bit and he pointed out that the allowance for wear over the nominal set diameter is too much.

Mr. Weslow, Chairman of the Technical Committee on Mechanically Set Bits, asked how this was to be overcome on impregnated bits.

Mr. Longyear asked if there was any reason why a special impregnated bit core lifter could not be developed.

There was some discussion of this recommendation, and it was the consensus of opinion that the users could not be relied upon to use the right lifter at the right time.

Mr. Ross suggested that the manufacturers and users of impregnated bits study this problem to ascertain how much actual wear is encountered and he suggested that this might result in finding that there is actually no problem.

Mr. Sturges pointed out that drillers generally have two or three lifters and that in some cases they use a worn lifter. He therefore did not think there would be too much difficulty from that angle. He said that in his opinion, the question now was whether we should ignore the reset gages and consider only standardization of the lifter.

Mr. Norrick stated that in his opinion this could not be done and that standardization of the reset bit must first be considered. He therefore recommended that the Executive Committee refer this back to the Technical Committee on Mechanically Set Bits for further study and he pointed out that until his Committee secured the recommended dimension, it could not proceed with standardization of the lifter.

Mr. Adamson suggested that a study be made of the actual wear on impregnated bits in the field.

Mr. Martin pointed out the impossibility of getting drillers to keep accurate information of this type and said the collection of such field data would require the presence of a time study man on each job.

Mr. Norrick submitted the recommendation of his Committee that the ID reset plug gage be .863, 1.205, 1.674, 2.174, and that the minimum be .840, 1.180, 1.650, and 2.150.

After some additional discussion, Mr. Weslow stated that his Committee would accept the recommendations of the Technical Committee on Drill Equipment.

Mr. Norrick stated his Committee would therefore prepare the necessary drawings and send them to the Technical Committee for Mechanically Set Bits so that this Committee could prepare its recommendations without delay.

Redesign of Bit End of M Series Core Barrel

Mr. Norrick reported that after discussion of the problems involved in redesigning the bit end of the M series double tube core barrels to make the bit interchangeable with the M series single tube core barrels, his Committee recommended that this study be dropped.

On motion duly made, seconded and unanimously carried, this recommendation was approved.

Standardization of Internal Discharge Bit for Large Series Core Barrels

Mr. Norrick submitted the recommendation of his Committee that the above be standardized as a conventional bit also and not just a bottom discharge bit, and that this be known as either an "internal discharge bit" or a "conventional bit".

On motion duly made, seconded and unanimously carried, this recommendation was approved and it was decided that this bit would be known as an "internal discharge bit". The Committee was instructed to proceed accordingly.

Standardization of ID of Casing Reaming Shell

Mr. Norrick submitted the recommendation of his Committee that the standardization of the ID of the casing reaming shell be the same as the ID of the casing coupling, and that the reaming shell be the same as the casing coupling in overall length except that instead of box threads, there will be pin threads on both ends.

Mr. Martin suggested that the matter of having either box or pin threads must be optional.

On motion duly made, seconded and unanimously carried, this recommendation was approved, and the Committee was instructed to proceed accordingly.

This concluded the report of the Technical Committee on Drill Equipment.

TECHNICAL COMMITTEE ON MECHANICALLY SET BITS REPORT

The President called upon Mr. W. C. Weslow, Chairman of the above Committee, for a report.

Round Hole Screen Plates

Mr. Weslow reported that at its previous meeting, the Executive Committee had referred to his Committee, a suggestion from the Canadian Diamond Drilling Association that consideration be given to the possibility of cooperating in the development of standard round hole screen plates to assist both consumers and retailers in obtaining diamonds of the exact size required.

He reported that there had been considerable correspondence on this subject, and his Committee was of the opinion that the round and square hole screens now available on the market will adequately take care of all conditions.

Mr. Weslow therefore submitted the recommendation of his Committee that no action be taken on this suggestion.

On motion duly made, seconded and unanimously carried, this recommendation was approved.

This concluded the report of the Technical Committee on Mechanically Set Bits.

STANDARDS INDEX COMMITTEE REPORT

The President called upon Mr. A. E. Ross, Chairman of the above Committee, for a report.

Mr. Ross reminded the members that on July 18, 1950, the Secretary had sent them copies of the First Revisions of the DCD Standards Index.

In this connection, Mr. Ross stated, the Committee had found it necessary to set up a standard title box for use on standards drawing, and a standard method of designating such drawings by number reference.

He said that he had therefore circulated among several of the members, the attached proposed procedure for numbering standards drawings, etc.

Mr. Ross submitted the recommendations of his Committee that the attached procedure be approved.

On motion duly made, seconded and unanimously carried, this recommendation was approved.

Mr. Ross also submitted the recommendation of his Committee that the single tube core barrel standard nomenclature for the tube section be designated simply "barrel".

On motion duly made, seconded and unanimously carried, this recommendation was approved.

In addition, Mr. Ross submitted the recommendation of his Committee that the name "internal discharge bit" be applied to the bit now used with the three large core barrel sizes.

After considerable discussion, on motion duly made, seconded and unanimously carried, this recommendation was approved.

This concluded the report of the Standards Index Committee.

STANDARDS PAMPHLET COMMITTEE

The President called upon Mr. W. C. Weslow, Chairman of the above Committee, for a report.

Mr. Weslow reported that the preparation of the copy for the Standards pamphlet was in its final stages and that the only work remaining to be done was the preparation of the various drawings. He said the Committee estimated the copy would be ready for submission to the Secretary within 60 days.

This concluded the report of the Standards Pamphlet Committee.

DIAMOND COMMITTEE REPORT

In the absence of Mr. Frank E. Koebel, Chairman of the Diamond Committee, Mr. Meinert said Mr. Koebel would be going to Europe in the very near future, and would therefore report the results of this visit at the next meeting.

There was some discussion of diamond supplies, and one of the members asked what would be done with the Government stockpile in the event a diamond shortage develops.

Mr. Martin reported that at a meeting in Washington back in March or April, it had been very definitely emphasized that the diamond stockpile is for national safety purposes, and will be used by the Government when and if required.

Mr. Ross reported that the Government Munitions Board had definitely stated the diamond stockpile will not be used in the present emergency, but only in the event of a complete war economy.

This concluded the report of the Diamond Committee.

DIAMOND DRILLING IN THE OIL FIELD COMMITTEE REPORT

Mr. Sturges called upon Mr. Patrick Adamson, Chairman of the above Committee, for a report.

Mr. Adamson stated there was nothing further to report at this time.

PUBLICITY COMMITTEE REPORT

The President asked Mr. Adamson if he had anything further to add to the report on publicity.

In this connection, Mr. Longyear referred to an article on the use of air instead of water in diamond drilling, which had been written by Mr. James A. Ross, and he asked if this could be used by the Association for publicity purposes.

Mr. A. E. Ross agreed to polish this up and submit it to the Secretary for use by the Association.

CANADIAN DIAMOND DRILLING ASSOCIATION ANNUAL MEETING

Mr. Sturges reported that Mr. A. E. Ross had attended a meeting of the Canadian Diamond Drilling Association on June 2-3, 1950, as the official representative of this Association, and he therefore called upon Mr. Ross for a report.

Mr. Ross stated that he had forwarded an official report of this meeting to the President and he offered to supply copies of this report to any interested member.

Mr. Ross then read portions of this report, and particularly emphasized the following:

"At the Technical meeting, various new drawings were discussed, including the 1-1/4 XRT, 1-1/2 E, 1-7/8 A, 2-5/16 B, 2-5/16 N drill rod bits and reaming shells. These are for blast hole drilling in which no core barrel is required. The BX and NX casing shoe bit drawings were also approved. This provides for a set casing shoe with no core lifter required. EXT and AXT clinometer and correction curves were also approved. There seems to be a considerable interest in angle readings. The BX and NX casing reaming shell drawings were amended to increase the ID enough to permit core barrels to enter. Apparently there had been a small error on this previously.

"A large portion of the meeting was devoted to my presentation of the U series drill rods. I believe full cooperation will be received from the Canadian organization and they will try the EU drill rod. In fact, I believe one organization will try the EU drill rod with alloyed tubing, another parallel wall tubing, and a third might even try the AU drill rod.

"Annual meeting, June 3, 1950. ***** (f) Under new business, the recommendations of the Technical Committee were considered and adopted. This included the drill rod bit and the reaming shell drawings, the BX and NX casing shoe bit drawings, the correction curves for EXT and AXT clinometer readings, and the drawings recommending the BX and NX casing reaming shells.

"(g) I was then given sufficient time to present the drill rod design. As stated in the Technical Committee report, the Association also approved and adopted a resolution to try the EU drill rods as recommended by me. They will notify us of the results of their tests and I promised them we would do the same with them."

Mr. Ross pointed out that as indicated above, the Canadian Association had voted favorably on the general recommendations of this Association with regard to the U series drill rods, and had indicated that favorable consideration will be given to the acceptance of the "U" designation, if their tests prove satisfactory. However, he pointed out that final determination will be deferred pending completion of such tests.

There was some discussion of this designation, and Mr. Ross inquired whether this Association would authorize him to go along with the Canadian Association, in the event they are unwilling to accept the "U" designation.

On motion duly made, seconded and unanimously carried, Mr. Ross was authorized to agree to some other designation for these drill rods, in the event the Canadian Association is unwilling to accept the "U" designation.

MISCELLANEOUS

Mr. Sturges reported that since Mr. James A. Ross was in the hospital, having undergone an operation, Mr. W. C. Weslow had sent flowers and good wishes in the name of the Association.

On motion duly made, seconded and unanimously carried, this action was approved and the Secretary was instructed to reimburse Mr. Weslow for this expenditure.

The Secretary reported that one of his other Associations had recently received a letter from the President's Water Resources Policy Commission with regard to a study of the needs of industry for water in connection with its essential processes, and asking for assistance in the formulation of final policy recommendations.

He therefore inquired as to the amount of water needed by the diamond core drilling industry.

It was pointed out that this industry does not waste any water as the water used is recirculated back to its original source.

Mr. Longyear referred to his discussion at a previous meeting with regard to the development by his Company of a new core lifter case, and said that a Patent had been issued, No. 2522399.

In this connection, Mr. Longyear read the License Agreement prepared by his attorney and which grants to any member of this Association a free license under said Patent to make, sell and use core barrels in which the invention covered is employed, so long as the licensee remains a member of the Diamond Core Drill Manufacturers Association.

On motion duly made, seconded and unanimously carried, a vote of appreciation was tendered to the E. J. Longyear Company for their cooperation in this matter.

Mr. Winther suggested that consideration be given to the possibility of standardizing drill collars.

On motion duly made, seconded and unanimously carried, this was referred to the Technical Committee on Drill Equipment for recommendation.

There being no further business to come before the meeting, it adjourned.

C. C. ROHRBACH SECRETARY

PROCEDURE FOR DESIGNATING STANDARDS INDEX NUMBERS

APPROVED SEPTEMBER 12, 1950

Three series of numbers are used in the Index of approved Diamond Core Drill Manufacturers' Association Standards:

- (A) Item number appearing in left hand column of each sheet.
- (B) Tabulated sheet numbers appearing in column so named.
- (C) Drawing numbers appearing in column so named.

Procedure used by the Association Secretary in assigning each number listed above is as follows:

(A) Item Number:

- (1) Upon Association approval of a tabulated sheet or drawing, the next higher unused number is assigned to that item.

(B) Tabulated Sheet Number:

- (1) Upon Association approval of a tabulated sheet, the next higher unused number in the Tabulated Sheet Number column is assigned to that sheet.

(C) Drawing Number:

The drawing numbers include three symbols; a number, dash; a letter, dash; and a number; the symbols being selected as follows:

- (1) The first number will be the next higher unused initial number in the Drawing Number Column.
- (2) The letter designating both the border line size and the trim size of the drawing will be selected from the following table:

<u>BORDER LINE SIZES</u>	<u>TRIM SIZES</u>
a. 7-1/2" x 10"	8-1/2 x 11
b. 9-5/8" x 15-1/8"	11 x 17
c. 9-5/8" x 23-1/8"	11 x 24
d. 15-1/4" x 20"	16 x 21
e. 20-1/4" x 31-1/4"	21 x 32
f. 20-1/4" x 39-1/4"	21 x 40
x. Miscellaneous large drawings	

- (3) The last number, designating the number of the drawing in any one item, will be assigned as follows:

Number 0 is assigned to the assembly where applicable. Numbers 1, 2, 3, etc., are assigned to detail or other drawings under a given item.

- (4) Although the numbering system used to date does not follow the preceding system exactly, it is hoped that confusion will be minimized by the adoption of this system. The following

example may help clarify the assignment of drawing numbers. Referring to Item 11, Index dated June 10, 1949, it will be noted that drawing number 7-E-0 designates the seventh approved series of drawings of the eleven items already approved. E signifies that the size of this drawing is "X". The 0 indicates the drawing is an assembly drawing, or the first drawing (or possibly the only drawing), under this item. Reference to the remainder of Item 11 will show how additional numbers in this item are assigned.

The "title" used in the index will be the same as that shown on the drawing or tabulated sheet approved by the Association.

The "date approved" will be the date the Association approves the item in a regular meeting, or the date set by the Association as "approval date" when a vote is taken by mail ballot.

The "number of revisions" is the number of times an item has been revised by the Association.

The "date of last revision" is the date the Association approved the most recent revision of any item.

An example of the approved title block used in the lower right hand corner of the drawings is enclosed.

TREASURERS' REPORT
DIAMOND CORE DRILL MANUFACTURERS' ASSOCIATION
JANUARY 1, 1950 - AUGUST 31, 1950

ITEM 1 - LIQUID ASSETS - JANUARY 1, 1950:			
Checking account - Corn Exchange Bank Trust Co.	\$ 1,973.35		
U. S. Savings Bonds Series "F"	<u>2,220.00</u>		
TOTAL LIQUID ASSETS - JAN. 1, 1950		\$	4,193.35
ITEM 2 - INCOME - JAN. 1 - AUG. 31, 1950:			
Assessments - past year	-		
- current year	4,051.19		
Reimbursement of Wash Transactions (see below):			
Wage and Hour Law Report	2.90		
Overpayment of 1950 Assessments	<u>25.00</u>		
TOTAL INCOME - JAN. 1 - AUG. 31, 1950			<u>4,079.09</u>
TOTAL LIQUID ASSETS AND INCOME - JAN. 1 - AUG. 31, 1950		\$	<u>8,272.44</u>
ITEM 3 - EXPENDITURES - JAN. 1 - AUG. 31, 1950:			
A - General Expenses:			
Secretary's salary	<u>666.33</u>		666.33
B - Operating Expenses (Secretary's office):			
Office personnel	254.44		
Occupancy (rent, light, cleaning)	95.22		
Office equipment maintenance	48.60		
Mimeographing	147.49		
Printing	34.68		
Publications (outside purchases)	18.32		
Stationery	.38		
Postage	98.34		
Telephone	14.84		
Telegraph	8.99		
Insurance	.34		
Federal Social Security Taxes	14.68		
State Unemployment Insurance taxes	26.79		
State Disability Insurance taxes	.16		
Miscellaneous Office supplies	4.19		
Miscellaneous office expenses	.95		
Dues	16.74		
Audit	<u>50.00</u>		835.15
C - Travel-Meeting Expenses (Net)			
Association meetings	337.50		
Special Committee meetings	<u>734.49</u>		1,071.99
D - Non-Budgetary Expenses:			
Contest - award	100.00		
- gift to Judge	25.80		
- printing of rules	<u>27.50</u>		153.30
E - Reimbursable Wash Transactions (see above):			
Refund on overpayment of 1950 Assessments	25.00		
Wage and Hour Law Report	<u>2.90</u>		27.90
TOTAL EXPENDITURES - JAN 1 - AUG 31, 1950			<u>2,754.67</u>
ITEM 4 - LIQUID ASSETS - AUG. 31, 1950			
Checking account - Corn Exchange Bank Trust Co.	3,297.77		
U. S. Savings Bonds - Series "F"	<u>2,220.00</u>		
TOTAL LIQUID ASSETS AUG 31, 1950			<u>5,517.77</u>
TOTAL EXPENDITURES AND TOTAL LIQUID ASSETS AUG 31, 1950		\$	<u>8,272.44</u>

DIAMOND CORE DRILL MANUFACTURERS ASSOCIATION
122 East 42nd Street
New York 17

MINUTES: DIAMOND CORE DRILL MANUFACTURERS ASSOCIATION (ANNUAL MEETING)
36TH MEETING

PLACE OF MEETING: THE HOMESTEAD - HOT SPRINGS, VIRGINIA

DATE AND TIME: MONDAY, APRIL 2, 1951 - 3:30 P. M.

MEMBERS PRESENT:

Chicago Pneumatic Tool Company	G. B. Doner	Mgr., Rock Drill Sales
" " " "	M. L. Tucker	D.D. Engrg. Dept.
Diamond Products, Inc.	W. C. Weslow	President
" " " "	W. J. Weslow	
George E. Failing Supply Co.	Munsey Waters	Engrg. Dept.
Jones Core Drilling Company	A. Raymond Jones	Owner
Joy Mfg. Co., Sullivan Division	J. B. Martin	Mgr., Core Drill Div.
" " " "	Robert Norrick	Engrg. Dept.
E. J. Longyear Company	R. D. Longyear	President
" " " "	G. C. Winther	Chief Engineer
Pennsylvania Drilling Company	T. B. Sturges Jr.	President
" " " "	F. C. Sturges	Vice-President
J. K. Smit & Sons, Inc.	H. J. Meinert	Vice-President
Sprague & Henwood, Inc.	A. E. Ross	Asst. to Pres.
" " " "	Wm. J. Schank	Vice-Pres. & Treas.
Wheel Trueing Tool Co., Inc.	Patrick Adamson	

MEMBERS ABSENT:

Acker Drill Company, Inc.
Christensen Diamond Products Co.
Koebel Diamond Tool Company
R. S. McClintock Company
Mott Core Drilling Company
Anton Smit & Co., Inc.

OTHERS PRESENT:

D. A. Penna, Acting Secretary

PRESIDING OFFICER:

F. C. Sturges, President

MINUTES

Mr. F. C. Sturges pointed out that the minutes of the previous meeting, held on September 12, 1950, should be corrected as follows:

- 1 - Page 5, add the name of R. D. Longyear to the membership of the National Defense Committee
- 2 - Page 5, under the subject "U Series Rods and Couplings", fourth paragraph, the designation "X" should read "U"

On motion duly made, seconded and unanimously carried, the minutes of the previous meeting were approved as corrected.

EXECUTIVE COMMITTEE REPORT

Mr. Sturges called upon Mr. Patrick Adamson, Chairman, for a report of the Executive Committee.

Memorial

Mr. Adamson reminded the members with regret, of the death on December 22, 1950, of Mr. C. Clifford Rohrbach, Secretary-Treasurer of this Association.

He reported that the Secretary had been instructed to prepare and forward to Mr. Rohrbach's family, suitable memorial expressing the sympathy of the members for their loss, and to spread copy in the minutes of this meeting. This is as follows:

INASMUCH AS the sudden and untimely death of C. CLIFFORD ROHRBACH has resulted in a great deal of regret on the part of the members of the Diamond Core Drill Manufacturers Association;

AND SINCE C. CLIFFORD ROHRBACH has capably held the position of Secretary-Treasurer of the Diamond Core Drill Manufacturers Association since 1938;

AND FURTHER, SINCE the manner in which he discharged his duties has merited the complete approval of the members of the Diamond Core Drill Manufacturers Association;

AND FURTHER, SINCE his ability was unquestioned and his loyalty and common sense a constant denominator of value to the industry he served;

NOW, THEREFORE, BE IT RESOLVED, that the sentiments of the members of the Association be recorded and sent to his family so that their grief in Mr. Rohrbach's passing may be lessened by the knowledge of the esteem and regard in which he was held.

Treasurer's Report

Mr. Adamson stated that the Executive Committee had accepted Treasurer's reports for the entire year 1950 and for the first two months of 1951, and that the Secretary had been instructed to spread copies in these minutes as a matter of record. These are attached hereto.

Budget for 1951

Mr. Adamson submitted the recommendation of the Executive Committee, that the Association approve a budget for the current year of \$7,100. He pointed out that this included an appropriation of \$2,100 for printing the first edition of the DCD Standards bulletin.

On motion duly made, seconded and unanimously carried, this recommendation was approved.

GIFT TO MRS. C. C. ROHRBACH

Mr. Adamson reported that as a token of appreciation for the many years during which Mr. Rohrbach had been Secretary of this Association, the Executive Committee had authorized a cash gift to Mrs. Rohrbach of \$250.00.

Secretary's Revolving Operating Account

Mr. Adamson pointed out that to facilitate operations, the Secretary had some years ago, established a special revolving operating account, to defray those expenses which were chargeable to more than one association. He said this account had been set up with funds advanced to it by a number of the associations of which Mr. Rohrbach had been Secretary, and that the original amounts were constantly maintained as assets of the associations so contributing.

In order to provide an advance to defray the expenses chargeable to this group, Mr. Adamson reported, the Executive Committee had authorized the Secretary to advance to the revolving operating account on behalf of the Diamond Core Drill Manufacturers Association, the sum of \$250.00.

Membership

Mr. Adamson stated that the Executive Committee had considered an application for membership from the following concern:

Abrasive Dressing Tool Co.
Detroit 3, Mich.

He said that since most of the members of the Committee were unfamiliar with the activities of this concern in the diamond core drill manufacturing industry, action on this application had been deferred, and the Secretary had been instructed to request the information needed to establish its eligibility under Article III of the Constitution and By-Laws. This article, reads in part, as follows:

"Membership in the Association shall be limited to corporations, firms and individuals actively engaged in the manufacture for sale in the open market of diamond core drills and equipment and factory-set diamond bits."

"U" Series Drill Rods

Mr. Adamson reminded the members that in connection with the report from Mr. Longyear, covering the January 24-25, 1951 meeting of the Mining Machinery Advisory Committee, the question had been raised as to whether the effective date for making the new U series drill rods available to the trade should be set or postponed for the duration of the emergency.

He said that this question had been discussed, and that the Secretary had reminded the Executive Committee that at the last meeting, it had been decided to postpone indefinitely, the effective date for making these rods available to the trade, because of unavoidable delays in obtaining necessary tubing, and also to allow an experimental period for actual field testing.

Mr. Adamson reported that both Joy and Longyear had tested some of the new rods in the field with very satisfactory results, and that it was the consensus of

opinion that the only changes that might result from the field tests would be in the thread dimensions. It was therefore felt that it would be expedient for the members to place their orders for the new tubing without delay.

There was additional discussion of this subject, and it was unanimously agreed that the new rods were very satisfactory. It was therefore suggested that January 1, 1952 be approved as the date for making the new rods available to the trade.

On motion duly made, seconded and unanimously carried, January 1, 1952 was approved as the date for making the U series drill rods available to the trade, subject to the availability of the tubing necessary to make this changeover.

In this connection, Mr. Longyear stated, Washington had indicated that if the new drill rods have been approved as standard by the industry as a whole, the manufacturers would probably be able to secure the required tubing. He said that the Bureau of Mines is very much in favor of the new rods, and that they therefore would give the manufacturers 100% support on their material requirements.

Mining Machinery Advisory Committee

Mr. Adamson reminded the members that Mr. R. D. Longyear is a member of the above Committee of the Defense Minerals Administration, and said that Mr. Longyear would keep the members advised as to its activities.

In this connection, Mr. Longyear reported as follows:

"On March 30th, in response to a request that I be furnished with the latest information for the Annual Meeting of the Diamond Core Drill Manufacturers Association, Harold Montag, Requirements Division of the Defense Minerals Administration, called me on the telephone.

"DO-97. He said he had hoped to be able to announce that a general upward revision had been made in the quarterly limitation on MRO purchases by the Mining Machinery Manufacturing Industry. At the time of phoning, however, the mining adjustment had not materialized. He is expecting it daily.

"ALLOCATION. By May, he expects relief in the line of obtaining raw material for the manufacture of stock items, for customers orders for capital goods, and for MRO. At that time, mines and manufacturers will receive one-twelfth of their annual allotments of steel, etc., for delivery in June. At the same time, we will receive allotments for the second and third quarters of 1951. These allotments will be based on the questionnaire we all sent in last fall.

"This will not be like the CMP of World War II, but will be what Montag calls a 'Programming Device'.

"EMERGENCIES. In the meantime, if there is any danger of a shutdown in one of our plants or on the part of one of our customers, Montag says to write to him and he thinks he can bail us out by May. This request must be complete, with explanations of why the material is required, how much is required, and the names of suppliers who refuse delivery. In other words, we must 'make a case of it.'"

NPA Advisory Committee for the Diamond Core Drill Industry

Mr. Adamson reported that the Executive Committee had carefully considered the advisability of initiating action with NPA for the appointment of an advisory committee for the diamond core drill manufacturing industry.

He pointed out that NPA has established definite regulations covering the organization of such committees, according to which the membership of advisory committees are fanned out among large, medium and small sized manufacturers, members and non-members of industry trade associations, and geographical area representation.

Since the Executive Committee was of the opinion that the industry is adequately represented in Washington through Mr. Longyear's membership on the Mining Machinery Advisory Committee, Mr. Adamson reported, it had been decided to take no action on this matter at the present time.

Association Secretary

In connection with the appointment of a new Secretary, Mr. Adamson pointed out that Mr. Rohrbach had been Secretary of the following separate associations:

Compressed Air and Gas Institute
Hydraulic Institute
Heat Exchange Institute
Diamond Core Drill Manufacturers Association
Crucible Manufacturers Association
Special Refractories Association
Test Boring and Core Drilling Contractors Association
American Society of Sales Executives

He said further that following the death of Mr. Rohrbach, the first three above named, comprising the larger associations in the group, had delegated authority to appoint a new Secretary to a joint Committee.

Mr. Adamson stated that in its initial deliberations, this Committee had decided to continue common headquarters limited to the three associations it represented, and to request the remaining associations to find new and separate quarters.

Due to overlapping membership between this Association and Compressed Air and Gas Institute, Mr. Adamson reported, upon application, the joint Committee had agreed to include the Diamond Core Drill Manufacturers Association in its group.

The Chairman of the joint Committee had accordingly written to the remaining four associations, advising them of its action, and asking that they seek separate headquarters within a six-month period. As a result of this action, Mr. Adamson reported, the American Society of Sales Executives had arranged to have its affairs performed by one of its members.

He said further that since Miss Penna, who had been Mr. Rohrbach's active assistant from the date of his original appointment, had been offered the secretaryship of the remaining three associations, the action of the joint Committee, if carried through, would make it impossible for Miss Penna to continue as assistant to the new Secretary.

An attempt was therefore being made to set up some arrangement whereby the three smaller associations might be allowed to remain in the present office.

Mr. Adamson reported further that Mr. G. B. Doner had been appointed to represent this association on the joint Committee, and that he would keep the members informed as to its actions.

Bulletins Issued Since Last Meeting

As a matter of convenient reference, Mr. Adamson reported, the Secretary had been instructed to include in these minutes, list of the bulletins issued since the last meeting. This list is attached hereto as part of these minutes.

Next Meeting

Mr. Adamson submitted the recommendation of the Executive Committee that the next meeting be held at The Drake in Chicago on Thursday and Friday, October 11-12, 1951.

On motion duly made, seconded and unanimously carried, this recommendation was approved.

This concluded the report of the Executive Committee.

TECHNICAL COMMITTEE FOR DRILL EQUIPMENT REPORT

Mr. Sturges called upon Mr. Robert Norrick, Chairman, for a report of the above Committee.

Mr. Norrick stated that as instructed at the previous meeting, his Committee had investigated the subject of drill collars, and had found very little information on it.

He pointed out that since the need for drill collars in diamond drilling may automatically be limited when the new U series drill rods are in general use, his Committee recommended that the subject be tabled for future consideration.

After considerable discussion, on motion duly made, seconded and unanimously carried, the subject was referred back to the Technical Committee for reinvestigation.

This concluded the report of the Technical Committee on Drill Equipment.

TECHNICAL COMMITTEE ON MECHANICALLY SET BITS REPORT

Mr. Sturges called upon Mr. W. C. Weslow, Chairman, for a report of the above Committee.

Mr. Weslow reported that his Committee had completed its assignments.

This concluded the report of the Technical Committee on Mechanically Set Bits.

STANDARDS PAMPHLET COMMITTEE REPORT

Mr. Sturges called upon Mr. W. C. Weslow, Chairman of the Standards Pamphlet Committee, for a report.

Mr. Weslow reported that the complete dummy for the Standards bulletin had been turned over for printing to Mr. T. B. Sturges Jr., and that printed stock was expected to be available within the next 3 or 4 weeks.

He said further that the completed dummy had been examined and accepted by the Executive Committee at its meeting earlier in the day, and that in accordance with original plans, the Secretary would send a complimentary copy to all of the

members, and to the composite list of users filed by the members sometime ago.

He reported further that the Executive Committee had approved the following prices, at which additional copies of the Standards bulletin could be secured:

- 1 - 25¢ per copy, to members, on orders for 25 or more
- 2 - 50¢ per copy, to members, on orders for less than 25
- 3 - 50¢ per copy, to non-members
- 4 - 50¢ per copy, less 25% discount, to schools and colleges

Mr. Weslow stated that the members are at liberty to stamp the words "Compliments of" followed by their names and addresses, on the outside back cover of all copies of the Standards bulletin they might distribute, and he pointed out that a list of the members of the Association and their addresses would be printed on the inside of the back cover of this bulletin.

This concluded the report of the Standards Pamphlet Committee.

STANDARDS INDEX AND NOMENCLATURE COMMITTEE REPORT

Mr. Sturges called upon Mr. A. E. Ross, Chairman, for a report of the above Committee.

Mr. Ross reminded the members that the First Revision of the DCD Standards Index had been distributed to all of the members on July 18, 1950, Engineering Bulletin No. 4-50.

He stated that at a meeting of his Committee just prior to this meeting, the following items had been added to this index to bring it up to date:

ITEM	T I T L E	TABULATED SHEET NO.	DRAWING NO.	DATE APPROVED
5	m. Blank Bit (Internal Discharge)		3-A-13	10-30-50
6	o. Blank Bit (Internal Discharge)		2-B-15	10-30-50
7	o. Blank Bit (Internal Discharge)		1-B-15	10-30-50
12.	Working Specification X-Series Fittings		8-F-0	4- 2-51
14.	Standard Nomenclature	6		4- 5-50
15.	Procedure for Designating Standards Index Numbers	7		9-12-50

With regard to Item 12 above, Mr. Ross pointed out that Drawing No. 8-F-0 would replace present Drawing No. 8-E-0 and that the new drawing would include the core lifter and reaming shell dimensions approved as standard by letter ballot effective March 12, 1951, and the casing reaming shell approved on September 12, 1950.

In this connection, Mr. Ross reported that several of the members had inquired as to whether a complete set of standards drawings and tabulations, as

listed in the DCD Standards Index, could be secured. He therefore suggested that the Executive Committee establish a price at which this material could be made available to the members by the Secretary's office.

Mr. Ross also suggested that the Executive Committee consider making a complete set of these drawings and tabulations available to the Canadian Diamond Drilling Association, and he pointed out that the Canadian Association had sent a complete set of their drawings to the Secretary's office.

If the Executive Committee approves this request, Mr. Ross suggested that he be authorized to present this material to the Canadian Association at their next meeting.

This concluded the report of the Standards Index and Nomenclature Committee.

DIAMOND COMMITTEE REPORT

In the absence of Mr. Frank E. Koeble, Chairman, Mr. H. J. Meinert submitted the following report for the Diamond Committee:

"Any report on the industrial diamond market at this time must be written with certain reservations because of the fluid conditions which now exist. This report, therefore, is an attempt to give you somewhat of an idea of the present situation and must be considered only as personal observations of the writer combined with a quotation from an authoritative newspaper source.

"The consumption of diamonds for 1950 reached a high level. The general improvement in industrial conditions and requirements for rearmament are the accountable factors. The demands for industrial diamonds continue and, as a result, the market has been extremely firm and while you are primarily interested in diamonds for drilling purposes, all industrial uses of diamonds affect the market as a whole and, for that reason, consideration must be given to the overall industrial requirements.

"It has generally been the custom for diamonds to follow the gold standard and it is rather significant to point out that only a partial adjustment was made in the basic price when England devalued the Pound Sterling. I will later refer to this important point.

"Crushing beart, a commodity which is used principally for diamond wheels and diamond powders, is used to some extent also for some types of impregnated diamond bits. This material has been in short supply for several years and, for that reason, has been most vulnerable to price increases. Since September 1950, serious shortages of this material have developed and much speculation has taken place, particularly in the New York diamond exchanges, the affect of which has been to drive prices to more than double the basic costs. It should be pointed out, however, that certain importers, who obtain allocations of this material from the Diamond Corporation, have continued to serve their regular customers at prices much lower than the speculative prices, but unfortunately there has not been sufficient material available from such sources to take care of the increased demands; thus causing hardships to certain manufacturers. It is indeed fortunate that only an extremely small percentage of bits used is affected by this condition.

"The drilling diamond asscrtments as well as the price level have been satisfactory over the past six months or more, but increased demands, in addition to stockpile requirements, have created shortages so that even a number of direct importers have found it necessary to supplement their supplies from outside market

sources. Such increased demands, and a general feeling that a higher price level was impending, have resulted in a strong market.

"On March 8th, the Industrial Distributors (Sales) Ltd. advised of price increases effective for the March shipments. We quote the following from the Financial News:

"JOHANNESBURG, MARCH 6, 1951. Increases in diamond prices, to have immediate effect, are announced today by the Diamond Trading Company and Industrial Distributors (Sales).

"The effect of the increases is, on average, to bring new prices in sterling to full parity with prices in dollars which were ruling prior to the devaluation of sterling.

"In making the announcement the two companies recall that when sterling was devalued prices were increased by 25%, instead of to the full extent of devaluation (namely, 44%).

"HIGHER LEVELS. Since that time diamond prices in the trade have established themselves on a higher level. In consequence, after careful consideration the Diamond Trading Company and Industrial Distributors have decided to increase prices so that when the new price levels are applied to all qualities and sizes, they will on average offset the full extent of devaluation.

"In adjusting diamond prices on these lines, the companies have not taken account of the inflationary conditions now noticeable in the trade. The increase is essentially to protect producers of diamonds against the increased costs of production, maintenance and equipment, brought about by devaluation.

"The new prices will be put into force as from the March sights."

"It is generally felt that production is today sufficient to take care of all reasonable demands. However, it should be pointed out that since Korea, there has been intensive purchasing of industrial diamonds for the stockpile, and since apparently no consideration has been given in that program to the accelerated demands for industrial uses, shortages will continue to exist unless some adjustment is made and more of the available diamond production is permitted to flow to industry.

"We would like to report that we believe an Industry Advisory Committee on Industrial Diamonds is now being assembled and industry will then have an opportunity of presenting their views, opinions and suggestions to proper Government officials."

Mr. Meinert stated that since the above report was prepared, an Industrial Diamond Industry Advisory Committee had been appointed by NPA, of which three members of this Association are members. He said further that this Committee was scheduled to meet on April 10th.

There was considerable discussion of the critical industrial diamond situation, and Mr. Weslow reviewed in some detail, the difficulties he has encountered in securing adequate supplies of Boart for the manufacture of impregnated bits.

It was suggested that the three members of this Association who are members of the NPA Advisory Committee on Industrial Diamonds bring this situation to the attention of the Government officials at its meeting on April 10th.

In this connection, it was suggested that Mr. Weslow prepare a brief summary of his unsuccessful attempts to secure supplies of boart, and send copies to the three members of this association who are also members of the Advisory Committee on Industrial Diamonds.

It was emphasized that in applying to Washington for assistance, it was absolutely essential to prove that every source for securing the needed material had been exhausted, and that in this connection, the names of the suppliers who were unable to provide the material had to be submitted to Washington.

It was the consensus of opinion that the members should continue to bring this situation to the attention of the proper authorities in Washington on an individual basis.

This concluded the report of the Diamond Committee.

PUBLICITY COMMITTEE REPORT

The President called upon Mr. Patrick Adamson, Chairman of the Publicity Committee, for a report.

Mr. Adamson reported that the work of his Committee had been held in abeyance, pending completion of the DCD Standards bulletin.

He said that at the Executive Committee meeting earlier in the day, possible methods of stimulating interest in the current contest had been discussed, and that the Secretary had suggested that a great deal of valuable publicity would result for both the Association and its members, if articles were submitted based on the new DCD Standards bulletin.

Mr. Adamson said that the Executive Committee had therefore decided to invite participation in the preparation of articles based on the DCD Standards bulletin by all of the members. It had also been decided that the selection of the best of such articles would be made by the Publicity Committee, to whom the Secretary would forward all entries, without identification, and that the winning article would be offered for publication to Engineering and Mining Journal.

Mr. Adamson stated that the Secretary had been instructed to send to the members without delay, suitable announcement regarding this action.

In this connection, he pointed out that the first annual period in the present continuing contest would close on MAY 31, 1951, and he urged the members to make every effort to secure articles before that date.

With regard to the new DCD Standards bulletin, Mr. Adamson stated that suitable press release, announcing its availability, would be sent to interested trade journals.

Mr. Sturges pointed out that this was a real opportunity for someone to write a very worthwhile article.

This concluded the report of the Publicity Committee.

NOMINATING COMMITTEE REPORT

The President called upon Mr. R. D. Longyear, Chairman of the Nominating Committee, for a report.

Mr. Longyear submitted the following nominations:

PRESIDENT
VICE PRESIDENT

F. C. Sturges
Patrick Adamson

EXECUTIVE COMMITTEE MEMBERS: Frank Capp
W. C. Weslow

He pointed out that Messrs. Capp and Weslow were being nominated for 3-year terms to replace Messrs. Longyear and Martin whose terms expired this year.

The Chairman called for additional nominations from the floor. There being none, on motion duly made and seconded the nominations were declared closed, and the Secretary was instructed to cast one ballot, unanimously electing the foregoing to their respective offices.

The Secretary reported that this had been done, and the above were duly declared elected.

This concluded the report of the Nominating Committee.

CANADIAN DIAMOND DRILLING ASSOCIATION

As the representative of this association, Mr. Sturges asked Mr. Ross to report on the standardization activities of the Canadian Diamond Drilling Association.

Mr. Ross reported as follows:

"The Technical Committee and the Directors of the Canadian Diamond Drilling Association met in the Royal York Hotel, Toronto, Ontario on March 7, 1951. Preliminary work was accomplished in the Technical Committee and all of it later approved by the Directors. The major items dealt with are as follows:

a. U Series Rods. Mr. Stevenson of Canadian Longyear stated that the EU rods should be ready for distribution around April 1st and 10th. Wall thickness is 5/32" and tubing is SAE #4130.

b. Round Hole Screen Plates. Messrs. Lake and Hitchcock are going to attempt to revise the screen sizes of Christensen to include additional smaller sizes.

c. Wedging. The matter of standardization of wedge equipment was dropped.

d. Etch Angle Reading. Tests were going to be made to compile new capillary charts.

e. Reset Plug and Ring Gages. After discussion, it was decided that sizes and specifications for ring gages of all descriptions were set forth in existing drawings and no further specifications were required.

f. Casing Threads. A restudy of casing threads was made and it was decided that tolerances were acceptable and no changes were required.

"In addition to the above technical items which were approved by the Directors of the Association, the following items were also considered:

a. A list of all standard drawings with corrections and date of correction was being prepared by the Association draftsman and a copy being mailed to all members

of the Association. This apparently is an outcrop of my description to the Association of our Standards Index.

b. Mr. Hitchcock read a paper on Diamond Drilling Costs. He will also deliver the paper before the annual meeting. The annual meeting will be held in Rouyn, Province of Quebec, on June 2, 1951."

There being no further business to come before the meeting, it adjourned.

D. A. PENNA ... ACTING SECRETARY

TREASURERS' REPORT

DIAMOND CORE DRILL MANUFACTURERS' ASSOCIATION JANUARY 1, 1950 - DECEMBER 31, 1950

ITEM 1 - LIQUID ASSETS - Jan. 1, 1950:

Checking Account - Corn Exchange Bank Trust Co.	\$ 1,973.35	
U. S. Savings Bonds Series "F"	<u>2,235.00</u>	
TOTAL LIQUID ASSETS - Jan. 1, 1950		\$ 4,208.35

ITEM 2 - INCOME - Jan. 1 - Dec. 31, 1950:

Assessments - current year	4,150.00	
Reimbursement of Wash Transactions (see below)		
Overpayment of Assessment	25.00	
Wage and Hour Law Report	2.90	
Refund of 2nd Contest Prize Award	100.00	
Ozalids - Sales to members	<u>61.49</u>	
TOTAL INCOME - Jan. 1 - Dec. 31, 1950		<u>4,339.39</u>
TOTAL LIQUID ASSETS AND INCOME - Jan. 1 - Dec. 31, 1950		<u>\$ 8,547.74</u>

ITEM 3 - EXPENDITURES - Jan. 1 - Dec. 31, 1950:

A - General Expenses		
Secretary's salary	<u>999.67</u>	999.67
B - Operating Expenses		
Office personnel	405.04	
Occupancy (rent, light, cleaning)	195.11	
Office equipment maintenance	52.83	
Mimeographing	147.50	
Printing	73.14	
Publications (outside purchases)	31.93	
Stationery	.67	
Postage - regular	166.39	
Telephone	25.34	
Telegraph	19.58	
Insurance	31.61	
Federal Social Security Taxes	20.77	
State Unemployment Insurance Taxes	36.17	
State Disability Insurance Taxes	1.94	
Miscellaneous office supplies	7.03	
Miscellaneous office expenses	19.61	
Dues - outside memberships	42.70	
Audit	<u>50.00</u>	1,327.36
C - Travel-Meeting Expenses (Net)		
Association Travel Expense	766.96	
Association Meeting Expense	<u>895.26</u>	1,662.22
D - Reimbursable Wash Transactions (see above)		
Wage and Hour Law Report	2.90	
Contest Prize Award	100.00	
Refund Assessment overpayment	25.00	
Wage Supplements	1.80	
Ozalids	<u>61.49</u>	191.19
E - Non-Budgetary Expenses		
Contest - Gift to Judge	25.80	
Printing of rules	27.50	
Flowers	<u>8.28</u>	61.58
TOTAL EXPENDITURES - Jan. 1 - Dec. 31, 1950		<u>4,242.02</u>

ITEM 4 - LIQUID ASSETS - Dec. 31, 1950

Checking account - Corn Exchange Bank Trust Co.	2,070.72	
U. S. Savings Bonds Series "F"	<u>2,235.00</u>	
TOTAL LIQUID ASSETS - Dec. 31, 1950		<u>4,305.72</u>
TOTAL EXPENDITURES & TOTAL LIQUID ASSETS - Dec. 31, 1950		<u><u>8,547.74</u></u>

TREASURER'S REPORT
DIAMOND CORE DRILL MANUFACTURERS' ASSOCIATION
JANUARY 1, 1951 - FEBRUARY 28, 1951

ITEM 1 - LIQUID ASSETS - Jan. 1, 1951:

Checking account - Corn Exchange Bank Trust Co.	\$ 2,070.72	
U. S. Savings Bonds Series "F"	2,235.00	
TOTAL LIQUID ASSETS - Jan. 1, 1951		\$ 4,305.72

ITEM 2 - INCOME - Jan. 1 - Feb. 28, 1951:

Reimbursement of Wash Transactions		
Wage Supplements - past year	1.20	
TOTAL INCOME - Jan. 1 - Feb. 28, 1951		1.20
TOTAL LIQUID ASSETS AND INCOME - Jan. 1 - Feb. 28, 1951		<u>\$ 4,306.92</u>

ITEM 3 - EXPENDITURES - Jan. 1 - Feb. 28, 1951:

A - General Expenses		
Secretary's salary	-	-
B - Operating Expenses		
Office personnel	111.94	
Occupancy (rent, light, cleaning)	97.34	
Office equipment maintenance	3.62	
Mimeographing	74.33	
Printing	4.15	
Publications (outside purchases)	25.57	
Stationery	.21	
Postage	42.04	
Telephone	5.59	
Telegraph	12.72	
Insurance	3.37	
Federal Social Security taxes	2.21	
State unemployment Insurance taxes	9.80	
Miscellaneous office supplies	3.11	
Miscellaneous office expenses	4.04	
Dues	3.85	
Audit	94.50	498.39
C - Travel-Meeting Expenses (Net)	.04	.04
D - Non Budgetary Expense		
Floral Spray	25.50	25.50
TOTAL EXPENDITURES - Jan. 1 - Feb. 28, 1951		<u>523.93</u>

ITEM 4 - LIQUID ASSETS - Feb. 28, 1951

Checking account - Corn Exchange Bank Trust Co.	1,547.99	
U. S. Savings Bonds Series "F"	2,235.00	
TOTAL LIQUID ASSETS - Feb. 28, 1951		3,782.99
TOTAL EXPENDITURES & TOTAL LIQUID ASSETS - Feb. 28, 1951		<u>\$ 4,306.92</u>

April 2, 1951

DIAMOND CORE DRILL MANUFACTURERS ASSOCIATION
BULLETINS ISSUED SINCE LAST MEETING

Foreign Relations:

ECA Advance Procurement Authorizations	9/25/50
" " " "	10/17/50
" " " "	11/ 6/50
" " " "	11/16/50
" " " "	11/28/50
" " " "	12/13/50
" " " "	1/ 2/51
" " " "	1/26/51
" " " "	2/ 8/51
" " " "	3/ 5/51
" " " "	3/19/51
" " " "	3/30/51

Export Control:

Current Export Bulletin 586 - Small Shipments to Hong Kong and Macao; Revisions in Positive List	9/29/50
Current Export Bulletin 590 - Return of Certain Commodities Imported into the U. S. (GIR)	11/14/50
Current Export Bulletin 592 - Status Inquiries concerning License Applications	11/16/50
Current Export Bulletin 596 - Revocation of Certain General Licenses to Mainland of China, Hong Kong and Macao; Extension of Validated License Requirements to in-transit Shipments for Certain Destinations, etc.	12/14/50
Current Export Bulletin 597 - Establishment of General License G-Pub, Exportation of Certain Publications; Amendment of order Revoking Certain General Licenses to Mainland of China; Amendment of order Extending Validated License Requirements to in-transit Shipments to Certain Destinations; Order Suspending Validated Licenses to Hong Kong and Macao; Commodity Processing Codes	12/22/50
Current Export Bulletin 599 - Prohibited Shipments under Limited Value License GLV; Export Orders Requirements; Statement of Ultimate Consignee and Purchasers for Submission of License Application	1/10/51
Current Export Bulletin 600 - Destination Control	1/11/51
Current Export Bulletin 602 - Statement of Ultimate Consignee and Purchaser for Submission with License Application	2/ 1/51
Current Export Bulletin 603 - Destination Control	2/ 8/51
Current Export Bulletin 605 - Alternative Procedure; Submission of Consignee End-Use and Destination Statement	
Current Export Bulletin 607 - Data Supplementing Applications covering Exportations to Group R Destinations; etc.	2/26/51
Current Export Bulletin 609 - Revocation of Certain General Licenses to Subgroup A Destinations; Changes in General License GLV Dollar-Value Limits	3/14/51
Preliminary Blacklist on Shipments for Russia	12/14/50
Priorities:	
NPA Regulation 1 - Inventory Control:	9/18/50
Interpretation 1 - Action Required to Adjust Orders	
Interpretation 2 - Persons Subject to Exemption of Imported Materials	
Interpretation 3 - Deliveries Through Intervening Dealers after Adjustment of Orders	11/16/50
NPA Regulation 2 - Basic Rules of the Priorities System:	10/ 5/50
Amendment	10/23/50
Amendment	2/ 1/51
NPA Regulation 3 - Operations of Priorities Systems between Canada and U. S.	11/13/50

Priorities:

NPA Regulation 4 - MRO:	2/28/51
Direction 1 - Transitional Provisions	3/ 6/51
Questions and Answers on NPA Regulation 4	3/12/51
NPA Order M- 1 - Steel:	10/18/50
Amendment	10/31/50
Amendment	12/ 7/50
Amendment	2/ 2/51
Amendment	2/28/51
Amendment	3/14/51
Amendment	3/22/51
NPA Order M- 3 - Columbium Bearing Steel:	10/27/50
Amendment	3/22/51
NPA Order M- 5 - Aluminum:	11/ 1/50
Amendment	2/23/51
Amendment	3/14/51
Amendment	4/ 2/51
NPA Order M- 6 - Steel Distributors:	11/14/50
Correction	11/20/50
Amendment	12/ 7/50
Amendment	12/20/50
Amendment	3/22/51
NPA Order M- 7 - Use of Aluminum:	11/16/50
Direction 1 - Relief Procedures under Aluminum Order	11/30/50
Amendment	12/ 7/50
Direction 2 - Base Period Adjustments	12/20/50
Direction 3 - Application for Adjustment, Component Parts	1/ 2/51
Amendment	2/23/51
NPA Order M- 8 - Tin:	11/16/50
Amendment	12/22/50
Amendment	2/16/51
Amendment	3/20/51
NPA Order M-10 - Cobalt:	12/ 1/50
Amendment	1/ 3/51
NPA Order M-11 - Copper and Copper-Base Alloys	12/ 1/50
NPA Order M-12 - Use of Copper and Copper-Base Alloys:	12/ 1/50
Amendment 1	1/ 3/51
Direction 1 - Base Period-Applications for Adjustment	2/13/51
Amendment	2/28/51
Direction 1 - Amendment	3/20/51
Amendment	
Direction 2 - Base Period-Applications for Adjustment)	4/ 2/51
NPA Order M-14 - Nickel:	12/ 7/50
Amendment	2/ 1/51
Amendment	2/16/51
Amendment	3/ 6/51
NPA Order M-15 - Zinc, Use of:	12/ 7/50
Amendment	2/ 1/51
NPA Order M-16 - Distribution of Copper & Copper-Base Alloy Scrap:	12/14/50
Amendment	12/20/50
NPA Order M-19 - Cadmium:	1/11/51
Amendment	3/22/51
NPA Order M-22 - Distribution of Aluminum Scrap - Amendment	3/14/51
NPA Order M-30 - Tungsten	1/29/51
NPA Order M-33 - Molybdenum:	2/ 2/51
Amendment	4/ 2/51
NPA Order M-38 - Lead	2/23/51
NPA Order M-40 - Metalworking Machines - Pool Orders)	
NPA Order M-41 - Metalworking Machines - Delivery)	3/12/51

Priorities:

NPA Order M-43 - Construction Machinery - Distribution	3/12/51
NPA Order M-49 - Columbium and Tantalum	3/22/51
NPA Delegation 1 - Authority to Defense Department	}
NPA Delegation 2 - Authority to Atomic Energy Commission	
NPA Delegation 1 - Amendment	
NPA Delegation 5 - Authority to Secretary of Interior	10/ 6/50
NPA Delegation 6 - Authority to CAA	11/ 3/50
Department of Commerce-Department of Interior - Metals Control Agreement	12/27/50
Agreement over Allocations and Priorities Powers for Domestic Petroleum and Gas Industries	1/10/51
Interior Department Order 2605 - Creation of Defense Minerals, Defense Power, Defense Solid Fuels and Defense Fisheries Administration;	10/16/50
Interior Department Order 2606 - Designation of Defense Administrators	11/22/50
Memorandum of Agreement between NPA and Petroleum Administration for Defense	12/18/50
NPA Notice 1 - Designation of Scarce Materials	1/29/51
Defense Minerals Administration Order 1 - Designation of Scarce Materials	1/ 5/51
DMA Order 4 - Tungsten Concentrates	1/ 5/51
Materials Requirements of Mining Machinery Manufacturers	2/23/51
Mining Machinery Steel Allocations	12/18/50
Forthcoming Report covering Data on Factory Production	3/20/51
Production Report Form - NPAF-1	11/16/50
NPA Proposed Industry Advisory Division	12/18/50
Rules Applicable to Meetings with Groups of Industry Representatives	12/20/50
Commerce Field Offices Set Up to Answer Inquiries	1/22/51
"DO" Ratings Explained	10/27/50
Department of Defense Explanatory Statement on "DO" Ratings for Production Equipment	11/13/50
"DO" Ratings Used by Department of Defense	11/20/50
Defense Agencies Code Numbers	12/13/50
NPA Facilities and Construction Bureau	12/27/50
Compliance with NPA Orders	1/ 3/51
Use of Metals During Second Quarter	2/28/51
"DO" Code Numbers	2/28/51
Employee Relations:	3/12/51
Joint Procurement Regulations - Restriction of Premium Pay on Defense Contracts	10/17/50
Joint Procurement Regulations - Premium Wage Compensation	1/ 9/51
Expansion of List of Critical Occupations	10/27/50
New Procedures in Calling Up Reservists	11/ 2/50
Manpower Recruitment and Allocation	12/18/50
Wage Stabilization Board - Statement on Wage and Salary Stabilization	12/22/50
Wage Stabilization Regulation 1 - New-Car Industry Wages	12/27/50
ESA Wage Procedural Regulation 1 - Petitions for Relief Regarding Wage Stabilization Regulations	1/ 2/51
Wage Stabilization Board Industry-Labor Conference	1/ 5/51
Area and Regional Manpower Committees to be Established	1/10/51
ESA General Wage Stabilization Regulation 1 - General Stabilization of Wages, Salaries and Other Compensation	1/29/51
WSB Order 1 - Basic Definitions; WSB Order 2 - Allowing Certain Wage Contracts to Take Effect without regard to Recent Freeze; WSB Order 3 - Authorizing Wage Increases to Levels Required by FLSA and Other Statutes	2/ 2/51
WSB General Regulation 5 - Merit Increases and Other Adjustments	2/ 6/51
Wage-Hour Division of Labor Department Interpreting Wage Board Orders	2/16/51
WSB Regulation 6 - General Wage and Salary Policy	2/20/51

Employee Relations:

Question-and-Answer Explanation of WSB Regulation 6 - General Wage and Salary Policy	2/23/51
ESA Regulation 8 - Cost-of-Living Escalator Clauses	3/ 5/51
New Wage Ruling Forms Due	3/15/51
GWR 8 - Cost of Living Increases Provided by Escalator Clauses and Wage and Salary Plans; GWR 9 - Wage Schedules for New Plants; GWR 10 - Tandem Wage Increases	3/15/51
Expansion of List of Critical Skills, Essential Jobs	3/20/51

Price Regulation:

ESA Pricing Standards Statement	12/20/50
ESA Price Procedural Regulation 1 - Ground Rules for Ceiling Actions	12/20/50
ESA Telegram Requesting Voluntary Advance Notice before Raising Prices on Any Major Products	12/22/50
Voluntary Pricing Standards - Interpretation	1/ 3/51
ESA General Ceiling Price Regulation:	1/29/51
Supplementary Regulation 1 - Defense Agency Pricing	2/13/51
Preservation of Records Required by GCPR	2/28/51
Amendment 2 - General Increases by Manufacturers & Wholesalers	3/ 5/51
Supplementary Regulation 1 - Amendment 3	3/ 7/51
Amendment 5 - General Increases by Manufacturers and Wholesalers	3/15/51
Amendment 6 - Contracts to Sell for Future Delivery	3/21/51
Proposed Industry Price Regulation covering Manufacturers	3/21/51
Price Procedural Regulation 2 - Industry Advisory Committees	2/14/51

Amortization:

Designation of NSRB As the Certifying Authority for Special Amortization	10/23/50
NSRB Accepting Requests for Accelerated Depreciation Application Forms	10/27/50
NSRB Regulations - Issuance of Necessity Certificates	11/ 1/50
Application Forms for Defense Loans	11/24/50
NSRB Procedures Covering Direct Loans under the DPA	11/27/50

National Defense - Miscellaneous:

E. O. 10161 - Delegation of Powers Under DPA	9/14/50
Guaranteed V-Loans	10/ 2/50
General Order 48, Department of Labor - Establishment of Office of Defense Manpower	10/18/50
Mobilization Information Roundup	11/ 3/50
Executive Order Establishing Office of Defense Mobilization; Digest of Authority Available to President under State of Emergency	12/18/50
Economic Stabilization Agency - Organizational Statement:	12/20/50
Amendment	2/ 8/51
Bureau of Budget - Functions Relating to Restrictions on Publication of Statistical Information	12/20/50
ESA General Order 1 - Functions with Respect to Price Stabilization to be Performed by Director of Price Stabilization	1/ 5/51
Executive Order 10200 - Establishment of Defense Production Administration	1/10/51
Defense Production Administration Delegation 1 - Duties of Defense Agencies	1/29/51
ESA General Order 2 - Functions with Respect to Price Stabilization) to be Performed by Director of Price Stabilization)	
ESA General Order 3 - Functions with Respect to Wage Stabilization) to be Performed by Wage Stabilization Board)	
ESA General Order 4 - Functions of the General Counsel)	1/29/51
Defense Mobilization Order 1 - Committee on Foreign Supplies and Requirements	1/29/51
Office of Price Stabilization Commodity Divisions	2/ 6/51
Procurement Procedures for Defense Purposes - E. O. 10210	2/16/51

National Defense - Miscellaneous:

OPS Administrative Order 11 - Delegation of Authority to Chief Counsel to Issue Official Price Interpretations	2/20/51
Defense Mobilization Order 5 - Creation of a Committee on Manpower Policy	2/16/51
Organization of Defense Production Administration	2/28/51
Executive Order 10219 - Responsibilities of Federal Agencies with Respect to Transportation and Storage	3/ 7/51
FTC Defense Surveys Division	3/30/51

National Defense - Legislation:

Excess Profits Taxes:	12/22/50
" " "	1/ 8/51
" " "	1/16/51
" " "	2/ 8/51

Contract Settlement Act of 1944 - Retention of Contract Records of World War II	12/13/50
Anti-Monopoly Bill - H. R. 2734	12/18/50
War Power Bill - S. 4266	1/ 5/51
Contract Renegotiation - H. R. 1724:	2/ 1/51
" " - Public Law 9	3/29/51

General:

BLS Consumers' Price Index and Cost-of-Living Contract Clauses	12/ 5/50
Veterans Reemployment Rights	12/20/50
Wage Determinations under Walsh-Healey Act	1/10/51
U. S. Chambers of Commerce Research Study - Wage Supplements, The Non- wage Costs of Doing Business	11/17/50
Armed Services Procurement Regulations	12/ 5/50
Revised Navy Procurement Booklet	1/29/51
Requirement of Corporations to Furnish Information Returns with Respect to all Payments of Dividends and to Extend Date for Filing Information Returns	2/ 1/51

FILE COPY

DIAMOND CORE DRILL MANUFACTURERS ASSOCIATION
122 East 42nd Street
New York 17, New York

MINUTES: DIAMOND CORE DRILL MANUFACTURERS ASSOCIATION

PLACE OF MEETING: THE DRAKE - CHICAGO, ILLINOIS

DATE AND TIME: THURSDAY, OCTOBER 11, 1951 -- 10:00 A.M.

MEMBERS PRESENT:

E. M. Jenkins	Christensen Diamond Products Co.	Ass't Sales Mgr,
G. B. Doner	Chicago Pneumatic Tool Co.	Mgr., Rock Drill Sales
M. L. Tucker	Chicago Pneumatic Tool Co.	Diamond Drill Engr. Dept.
Munsey Waters	George E. Failing Supply Co.	Engr. Dept.
Frank Capp	Joy Mfg. Co., Sullivan Div.	Ass't Mgr. Core Drill Div.
Robert Norrick	Joy Mfg. Co., Sullivan Div.	Engr. Dept.
James Barrett	Joy Mfg. Co., Sullivan Div.	
R. D. Longyear	E. J. Longyear Company	President
G. C. Winther	E. J. Longyear Company	Chief Enginner
W. Davenport	E. J. Longyear Company	
L. R. Louis	E. J. Longyear Company	
Phil. H. Irwin	R. S. McClintock Company	
S. W. Wiseman	Mott Core Drilling Company	
F. C. Sturges	Pennsylvania Drilling Company	Vice-President
S. J. Warren	Anton Smit & Co., Inc.	
Wm. J. Schank	Sprague & Henwood, Inc.	Vice-Pres. & Treas.
A. E. Ross	Sprague & Henwood, Inc.	Ass't to Pres.
Patrick Adamson	Wheel Trueing Tool Co., Inc.	

MEMBERS ABSENT:

Acker Drill Company, Inc.
Jones Core Drilling Company
Koebel Diamond Tool Company
J. K. Smit & Sons, Inc.
Diamond Products, Inc.

OTHERS PRESENT:

Frank P. Anderson, Secretary

DIAMOND CORE DRILL
MANUFACTURERS ASSOCIATION

OCTOBER 11, 1951

PRESIDING OFFICER:

F. C. Sturges, President

I - APPROVAL OF PREVIOUS MINUTES:

The minutes of the previous meeting held on April 5, 1950 were approved as distributed.

II- REPORT OF EXECUTIVE COMMITTEE:

Mr. Adamson reported on the meeting held on Wednesday, October 10, 1951. Included in the report were the following items:

1. The Secretary reported that the lease on the headquarters office had now been reassigned in the names of the four Institutes which operate from that location, as follows: Diamond Core Drill Manufacturers Association, Compressed Air and Gas Institute, Heat Exchange Institute and Hydraulic Institute.

2. The Secretary reported that a complete settlement had been made with the Rohrbach estate so that certain furniture in the headquarters office was now owned outright by the four associations.

3. The Treasurer's report had been reviewed and accepted as submitted.

4. The Secretary reported that a settlement had been made and complete release obtained from Mrs. Rohrbach. This settlement included payment of the gift previously voted by this Association.

5. The Executive Committee authorized a payment of \$276.25 to T. B. Sturges, Jr., for work done by him in making drawings and supervising the publication of Standards of DCDMA - Bulletin No. 1. An amount of \$300.00 for this purpose was included in the budget approved at the April 2, 1951 meeting.

6. The Executive Committee authorized a payment of \$30.00 to Robert Wilson of the Pennsylvania Drilling Company for work done by him in revising drawing No. 8-F-O. This payment is to be made upon presentation of a bill by Mr. Wilson.

7. The Executive Committee reported that it had ratified an interim action by the President in approving the establishment of the Institute Officers' Committee, wherein the temporary Officers' Committee established following the death of C. C. Rohrbach, was placed on a permanent basis, with certain prescribed duties and authorizations as reported in detail in the minutes of the Executive Committee meeting.

8. The Association was informed that the Executive Committee had taken no action with respect to the resignation submitted by the Diamond Products Company. It now appeared that there might be a change in the status of this company's activities and hence action on that resignation was held in abeyance.

9. The Association was informed that since no reply had been received to the letter addressed to the Abrasive Dressing Tool Company on April 4, 1951, no further action was considered to be necessary and the subject was being dropped from further consideration.

10. Mr. Adamson outlined a recommendation developed by the Executive Committee which proposed a letter ballot to revise the By-Laws to provide that the President of the Association would automatically become a regular member of the Executive Committee rather than an Ex-Officio member. The Association accepted this recommendation and the Secretary was instructed to send out a suitable letter ballot as soon as possible.

11. The Association was informed that the Executive Committee had discussed the status of Mr. Ross as a representative to the Canadian Diamond Drilling Association. After careful consideration, the Executive Committee had specifically defined the scope of this representative's activities at meetings of the Canadian Association as being limited to the coordination of Standards of the two Associations and the promotion of the use in Canada of Standards of the DCDMA. The scope of the representation also included the exchange of technical field experiences in connection with diamond drill equipment and the techniques involving the use of such equipment.

The Association was also informed that the Secretary had been authorized to invite the Canadian Diamond Drilling Association to have a guest at the meetings of the DCDMA on the same basis as Mr. Ross attends the meetings of the Canadian organization. The Secretary was to send copies of meeting notices to the Secretary of the Canadian Association in accordance with the above.

12. The Association was informed that a Nominating Committee had been appointed, with instructions to submit a report at the forthcoming Annual Meeting. The personnel of this Committee is as follows: H. J. Meinert, J. B. Martin, R. D. Longyear, chairman.

13. After a report by Mr. Adamson, the Association approved a new class of Standards entitled "Research Standards" in addition to the present Standards classification, which is "Association Standards."

It was brought out that an index is to be established for each classification and that the two indexes were not to be combined or cross-referenced.

It was brought out that the intent of the new classification was to cover proposals which were under consideration on what might be called a trial basis, pending sufficient experience and information to warrant final disposition.

14. Mr. Adamson outlined certain difficulties which the Secretary had experienced in obtaining a copyright for the DCDMA Bulletin No. 1. It was pointed out that the Secretary had been authorized to take whatever further steps were necessary to obtain such copyright.

15. The Chairman of the Executive Committee outlined a discussion in connection with a proposed research project involving equipment for deep drilling. It was pointed out that no action was taken in this connection.

16. The Association was given a brief description of the various assignments which the Executive Committee had delegated to the various Committees in the Association.

In this connection, it was brought out that the Technical Committee for Drill Equipment now has a complete proposal ready in connection with revisions of Drawing No. 8-F-O and the Secretary was accordingly authorized to send that material to letter ballot immediately on receipt.

17. Mr. Adamson reported that the Executive Committee had appointed Mr. E. M. Jenkins as Chairman of this Committee to replace W. J. Weslow.

18. The Association was informed that the letter ballot sent out on June 25, 1951, covering revisions of the working specifications, X-Series, Fittings, Drawing No. 8-F-O, had resulted in approval, with 12 out of 16 member companies voting in the affirmative. Since the companies which did not submit a vote had been previously informed that they would be counted as having voted in the affirmative, the results indicate unanimous approval by the Association. There were no comments accompanying any of the votes.

111 - DISCUSSION OF PROPOSED RESEARCH PROJECT COVERING EQUIPMENT FOR DEEP DRILLING:

Following acceptance of the Executive Committee report, the Association continued a more detailed discussion on the subject of undertaking a research program of this kind. In the course of the discussion, the President pointed out that the Association was not constituted so that it could undertake a program of that kind, but rather was in position merely to write Standards for equipment and processes involving material within the Association's scope.

With due recognition of this fact, the Technical Committee for Drill Equipment was instructed by the Executive Committee to consider the problems involved in drilling to a depth of 8,000 feet, using a series of decreasing drill diameters. It was recognized that progress would be slow and in addition, the Technical Committee was specifically informed that there was no particular priority being assigned to the project.

IV - REPORT OF TECHNICAL COMMITTEE FOR DRILL EQUIPMENT:

Mr. Norrick reported on the meeting held on October 10, 1951:

1. After discussion, on motion, seconded and unanimously carried, the Secretary was instructed to issue a letter ballot covering a revision of Tables 4 and 8 of Drawing No. 8-F-0. This revision would change the present 70 degree included angle to a 60 degree angle, making it correspond to a standard lathe center angle, and would also remove the diameter "Q".
2. The Association was informed that a proposed standard is being developed covering the "U" series tubing. The Technical Committee recommended that this be classified as an Association standard but no action was taken and the classification will be determined at the time that the proposal is submitted to letter ballot.
3. The Association was informed that a proposed standard is being developed in connection with the dimensions of drill collars. This project has not progressed to the point where a letter ballot is imminent and the information was considered merely as progress.

V - REPORT OF TECHNICAL COMMITTEE ON MECHANICALLY SET BITS:

Mr. Jenkins submitted a progress report for this Committee.

VI - REPORT OF THE STANDARDS PAMPHLET COMMITTEE:

Mr. Longyear reported on the activities of this Committee. Included in the report was a statement of credit to Messrs. Tom Sturges, Adamson and Weslow for the work which they had done in connection with the preparation and publication of the recently issued Standards of the DCDMA - Bulletin No. 1.

It was pointed out that in spite of the care with which the Bulletin had been developed, subsequent to publication, several errors had been discovered and members of the Committee are maintaining a file of these, together with suggested revisions for inclusion in a future revision of the pamphlet.

VII - REPORT OF THE STANDARDS INDEX AND NOMENCLATURE COMMITTEE:

Mr. Ross reported that the work on the Index of Standards was up to date and that at the first opportunity, he would confer with the Secretary on the procedure used to establish the numbers assigned to the various standards so that this operation could be carried on automatically at Association headquarters.

The Association was given a report of progress of the development of nomenclature for diamond drill terms. Mr. Ross asked that members provide the Committee with their suggestions for additional terms at the next meeting.

VIII - REPORT OF THE DIAMOND COMMITTEE:

The Association was informed by Mr. Ross that the NPA Industrial Diamond Advisory Committee is active and has been holding meetings regularly.

As a matter of information, it was brought out that apparently is the opinion of this Advisory Committee that while the supply of industrial diamonds is definitely limited, there will be an adequate supply available to meet essential requirements.

IX - REPORT OF PUBLICITY COMMITTEE:

Mr. Adamson reported that the Committee had developed a publicity release which had been sent to a number of trade publications just prior to publication of Bulletin No. 1. In view of the fact that there was no information as to the use which had been made of this release, the Secretary was instructed to check the various editors to obtain that information.

The Association was informed that arrangements had been made to have one of the two contest winning papers published in a trade magazine but as yet, no date had been set for such publication. Efforts are being continued to have the other article published in the same way.

X - REPORT ON CANADIAN DIAMOND DRILLING ASSOCIATION

The Association was given a brief report covering the highlights of the last meeting of the Canadian organization, at which time efforts were made to coordinate the Standards of the two Associations and to promote the use of Standards of this Association in Canada.

XI - REPORT OF NATIONAL DEFENSE COMMITTEE:

The Association was given a report of progress in this connection. At this time, the recent meeting activities of the Industrial Diamond Advisory Committee were outlined.

The Secretary reported that he had requested premission to circulate copies of these minutes and that as soon as that permission and a copy of the minutes had been received from NPA, circulation would take place.

Mr. Ross reported on the work being done by the Bit Committee of the Industrial Diamond Association in conjunction with the Corps of Engineers, U. S. Army, in the devlopment of recommended revisions of Government standards for such equipment.

As a result of Mr. Ross' recommendation, the Technical Committee for Mechanically Set Bits was instructed to review the report of the joint meeting and to make comments to the Chairman. The Secretary was instructed to circulate the minutes of this meeting as soon as possible.

XII - MESABI PIONEER - REWINISCENCES OF EDWARD J. LONGYEAR:

Mr. R. D. Longyear pointed out that copies of the above book, which has just been published, are available to members of the Association on request to him.

XIII - TIME AND PLACE OF NEXT MEETING:

On motion, seconded and unanimously carried, the Association voted to hold its next meeting, which will be the Annual Meeting in New York on Friday, February 22, 1952, recognizing that this is a legal holday. The reason for selecting this date was the fact that most of the members would be in New York all of the precoding days of that week in connection with the Annual Meeting of the American Institute of Mining Engineers.

The next meeting following the Annual meeting is tentatively scheduled for Tuesday and Wednesday, October 14-15 1952, at the Hotel Drake in Chicago. The Secretary was instructed to make reservations as soon as possible.

XIV - ADJOURNMENT

The meeting adjourned at 12:40 P.M.

Frank P. Anderson
Secretary

TREASURER'S REPORT
DIAMOND CORE DRILL MANUFACTURERS ASSOCIATION
JANUARY 1, 1951 - AUGUST 31, 1951

ITEM 1 - LIQUID ASSETS - Jan. 1, 1951:

Checking account - Corn Exchange Bank Trust Co.	\$ 2,070.72	
U. S. Savings Bonds Series "F"	2,235.00	
TOTAL LIQUID ASSETS - Jan. 1, 1951	4,305.72	
Advanced to I.O.C. account, April, 1951	250.00	
TOTAL LIQUID ASSETS - May 1, 1951		\$ 4,555.72

ITEM 2 - INCOME - Jan. 1 - Aug. 31, 1951:

Assessments - current year	5,816.72	
Sales of standards & publications - current year	421.75	
Wash transactions		
Wage supplement	1.80	
D. A. Penna - reimbursement travel-meeting expenses	47.50	
Adjustment May withholding tax	14.50	
Drawings	279.00	
Copyright reimbursement	6.00	
Adjustment, Social Security Taxes	26.61	
TOTAL INCOME - Jan. 1 - August 31, 1951		6,614.18
TOTAL LIQUID ASSETS & INCOME - Jan. 1 - Aug. 31, 1951		\$ <u>11,169.90</u>

ITEM 3 - EXPENDITURES - Jan. 1 - Aug. 31, 1951:

A - General Expenses		
Secretary's salary	326.67	326.67
B - Operating Expenses		
Office personnel	489.90	
Occupancy (rent, light, cleaning)	492.50	
Office equipment maintenance	100.72	
Mimeographing	172.33	
Printing	1,697.93	
Publications (outside purchases)	67.11	
Stationery	73.61	
Postage	194.05	
Telephone	23.05	
Telegraph	18.06	
Insurance	20.02	
Federal Social Security Taxes	13.91	
State unemployment insurance taxes	24.08	
Miscellaneous office supplies	22.51	
Miscellaneous office expenses	15.17	
Miscellaneous expenses; standards	38.70	
Dues	35.20	
Audit	94.50	3,593.45
C - Travel-Meeting Expenses (Net)	406.19	406.19
D - Non-Budgetary Expense		
Bureau of Internal Revenue	.30	
Associated Hospitals - N. Y.	.83	
Floral spray	25.50	
Gift to Mrs. Rohrbach	250.00	
Wash accounts	8.47	
Advance to I.O.C. account	250.00	535.10
TOTAL EXPENDITURES - Jan. 1 - Aug. 31, 1951		<u>4,861.41</u>

TREASURER'S REPORT
DIAMOND CORE DRILL MANUFACTURERS ASSOCIATION
JANUARY 1, 1951 - AUGUST 31, 1951

Balance carried forward \$ 4,861.41

ITEM 4 - LIQUID ASSETS - August 31, 1951:

Checking account - Corn Exchange Bank Trust Co.	3,823.49	
U. S. Savings Bonds Series "F"	2,235.00	
Advance to I.O.C. account	<u>250.00</u>	
TOTAL LIQUID ASSETS - August 31, 1951		<u>6,308.49</u>
TOTAL EXPENDITURES & TOTAL LIQUID ASSETS - Aug. 31, 1951		<u><u>11,169.90</u></u>

/jcw