

INTERNATIONAL PASSAMAQUODDY TIDAL POWER SURVEY

INDEX

SECTION I

INTERNATIONAL INVESTIGATION 1956-1960

FILING SYSTEM

1. Engineering Data

Engineering records developed during this survey are stored in accordance with a project-feature-function file number system explained in paragraph a of this section. Correspondence generated by the survey is filed by a Dewey Decimal System number as explained in paragraph b.

a. Filing System. Engineering records of the 1956-59 period are filed in accordance with the following numbering systems:

<u>Project</u>	<u>Feature</u>	<u>Function</u>	<u>Individual Item</u>
T-Tidal Power	D-Dam	1. Electrical & Mechanical	001 etc.
P-Pumped Storage	V-Reservoir	2. Structural & Civil	
A-Auxiliary Power	P-Power Plant	3. Hydraulics & Power	
V-Transmission System	S-Switchyard	4. Soils, Geology & Materials	
	F-Filling & Emptying Structures	6. Estimates (incl. benefits)	
	N-Navigation Locks	7. Reports (incl. interim)	
	L-Lands & Damages	0. No Specific Function	
	<del>G-Operation &amp; Maintenance</del>		
	U-Displays & Publicity		
	G-General		

Examples of file number assignments.

TD2-052 Little Letite Area - Profile of Alternate Damsites  
PF1-027 Digdeguash Powerhouse - Main One-line Diagram  
AF1-115 Rankin Rapids - Selection of Station Service Generator Size  
VG7-011 Transmission Facilities - Tidal Project Alone (Plate 14-1)  
TD4-073 Drill Barge Operations - Brown & Root (photograph)

(1) Further record identification.

In the index the following abbreviations are used under the column headed "Type" to indicate type of record.

<u>Abbreviation</u>	<u>Type of Record</u>
B	Book, report or pamphlet
D	Display, mounted on stiff board
EN	Envelope
F	<u>Film</u> or acetate sheet
FO	File folder or folio
HP	Detail paper (hard plan)
OZ	Transparency (reproducible)
PH	Photo print, negative or positive
PR	Print
PT	Paper tracing
T	Cloth tracing, or Crona <sup>2</sup> -let (film)
TX	Cross section paper or cloth

(2) Abbreviations used in studies and calculations.

It is to be noted that certain abbreviations have been used within the body of the studies and calculations, particularly in work done by the structural and civil section. The following abbreviations are listed to aid users to identify data in computations and studies.

AbbreviationItem

B	Bar Harbor (Carlow Island location of powerhouse)
ED	Carlow Island-Deer Point, split location of powerhouse
ES	Carlow Island-St. Andrews, split location of powerhouse
C	Carryingplace Cove, location of powerhouse (when used as prefix)
C	Cobscook Bay, high pool, (when used as suffix)
CI	Comparative Index, used in determining optimum project arrangement
D	Deer Point, location of powerhouse or gates
E	Emptying gates
EG	Emptying gates
F	Filling gates
FG	Filling gates
HP	High pool
HR	Head race gates
HRG	Head race gates
I	Indian Island, location of powerhouse or gates
L	Navigation lock
LP	Low pool
O	Two-pool scheme, alternate discharge direct to ocean
OD	Head race or tail race provided with gates for direct connection to ocean
P	Passamaquoddy Bay, high pool
PU	Power units
S	St. Andrews, location of powerhouse
SC	Site costs
TR	Tailrace gates
TRG	Tailrace gates

<u>Abbreviation</u>	<u>Item</u>
U	Two-pool scheme, discharge from high to low pool only
U	Power units
V	Velocity in headrace or tailrace, feet per second

(3) General. Listed below is a general description of the subjects used by the project-feature-function file detailed in paragraph I.a.

<u>Symbol</u>	<u>Item</u>
TD	Tidal Power - Dam - Structural & Civil
	Tidal Power - Dam - Hydraulics & Power
	Tidal Power - Dam - Soils, Geology & Materials
	Tidal Power - Dam - Reports
TV	Tidal Power - Reservoir - Hydraulics & Power
	Tidal Power - Reservoir - No specific function
TP	Tidal Power - Power Plant - Electrical & Mechanical
	Tidal Power - Power Plant - Structural & Civil
	Tidal Power - Power Plant - Hydraulics & Power
	Tidal Power - Power Plant - Reports
	Tidal Power - Power Plant - No specific function
TS	Tidal Power - Switchyard - Electrical & Mechanical
TF	Tidal Power - Filling & Emptying Structures - Electrical & Mechanical
	Tidal Power - Filling & Emptying Structures - Structural & Civil
	Tidal Power - Filling & Emptying Structures - Hydraulics & Power
	Tidal Power - Filling & Emptying Structures - Reports

<u>Symbol</u>	<u>Item</u>
TN	Tidal Power - Navigation Locks - Electrical & Mechanical
	Tidal Power - Navigation Locks - Structural & Civil
TL	Tidal Power - Lands & Damages - Structural & Civil
TU	Tidal Power - Displays & Publicity - No specific function
TG	Tidal Power - General - Electrical & Mechanical
	Tidal Power - General - Structural & Civil
	Tidal Power - General - Hydraulics & Power
	Tidal Power - General - Estimates
	Tidal Power - General - Reports
	Tidal Power - General - No specific function
	Tidal Power - General - No specific function
FD	Pumped Storage - Dams - Structural & Civil
	Pumped Storage - Dams - Soils, Geology & Materials
PP	Pumped Storage - power plant - Electrical & Mechanical
FV	Pumped Storage - Reservoir - Electrical & Mechanical
	Pumped Storage - Reservoir - Hydraulics & Power
	Pumped Storage - Reservoir - No specific function
PL	Pumped Storage - Lands & Damages - Structural & Civil
PG	Pumped Storage - General - Electrical & Mechanical
	Pumped Storage - General - Soils, Geology & Materials
	Pumped Storage - General - Reports
AD	Auxiliary power - Dam - Structural & Civil
	Auxiliary power - Dam - Soils, geology & materials
AV	Auxiliary power - Reservoir - Structural & Civil
	Auxiliary power - Reservoir - Hydraulics & Power
	Auxiliary power - Reservoir - Soils, geology & materials
AP	Auxiliary power - Power Plant - Electrical & Mechanical

Symbol

Item

AS	Auxiliary power - Switchyard - Electrical & Mechanical
AO	Auxiliary power - Operation & Maintenance - Electrical & Mechanical
AU	Auxiliary power - Displays & Publicity - No specific function
AG	Auxiliary power - General - Electrical & Mechanical
	Auxiliary power - General - Structural & Civil
	Auxiliary power - General - Hydraulics & Power
	Auxiliary power - General - Soils, geology & materials
	Auxiliary power - General - Reports
	Auxiliary power - General - No specific function
VG	Transmission System - General - Electrical & Mechanical
	Transmission System - General - Reports

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SECTION I

INTERNATIONAL INVESTIGATION 1956-1960

2. Correspondence and Contracts.

Applicable portions of the Dewey Decimal system have been extracted and utilized to identify the correspondence generated by the international investigation of 1956-60. A general description of material filed under Dewey Decimal numbers used follows in paragraph a.

a. General. There follows a list of Dewey Decimal system numbers used.

<u>Number</u>	<u>Item</u>
000.7	General, publicity & public press
091.3	General, economics
092.3	General, international conferences, boards, committee, fisheries, appendices, St. John downstream, interim report comments
111	Fiscal, estimates for appropriations
121.6	Fiscal, cost records and reports
231.2	Experts, professional & technical, general, Roby, Sharp
312.3	Congressional procedure
313.3	Care, preservation & storage of records
411.8	Concrete, materials, machines & hardware
413	Supplies, services & equipment - tools, instruments and machines
545	Transportation by water, commercial vessels, charter and hire
601	Buildings & grounds, acquisition of real property or land and ownership

Number

Item

- 679 Miscellaneous, water wheels
  - 800.06 Rivers, harbors & waterways - local cooperation  
800.12 Passamaquoddy (Eng-Adm File) 1944-1957 K-10, 2-2
  - 800.141 Rivers, harbors & waterways, construction, installation, estimates
  - 800.224 Rivers, harbors, & waterways, pollution
  - 800.41 Contracts, Boyles, Brown & Root, Cianchette, Fairchild, General Electric, Geocon, Greer, Ippen, Little, Sciltest, Stone & Webster, Straub, U. of Minn., Fine Impressions
  - 800.911 Map, Aero Service, General
  - 800.913 — Models
  - 800.92 Examinations & surveys, general, IJC  
Tidal Power
  - 800.924 Power, FPC, Ideas
  - 801 Laws, legislation & policies
  - 812.3 Topographic surveys, bench marks, elevation, survey marks, triangulation stations & data
  - 812.6 Hydrographic surveys, soundings, sweepings, borings & tests
  - 812.7 Discharge thru turbines or gates
  - 812.91 Tide & wave actions, fluctuations, ranges
  - 821.11 Navigation locks
  - 821.2 Dams - (others)
  - 821.203 Dams, power, auxiliary, fish & wildlife
  - 821.21 Dams, foundations, general, laboratory, land drilling, sonic
  - 821.22 Gates & machinery, general, turbines & corrosion
- 1517-08 (Folder 4)  
1505-22 (Folder 5)  
1517-08  
1505-22
- Passamaquoddy (General) Jan 1960 - June 1963  
The International Passamaquoddy Tidal Power Project  
and Upper Saint John River Hydroelectric Power Development  
July 1963 - 1964  
Quoddy - Dickey 1964 - 71
- 1517-08  
800.124  
235/82
- TGO-172 (1)  
-172 (2)  
-172
- Quoddy - St John - Correspondence - Incoming - July 1963 -  
Quoddy - St John - Correspondence - Outgoing - July 1963 -  
Quoddy - St John - Miscos - 1964 - 1965 -