

INDEX

	PAGE
Mr. Swan's 1919 report—INTRODUCTORY	5
Present conditions	6
Tonnage	6
Customs returns	6
Inland Revenue returns	6
Grain handling facilities	6
Widening entrance at First Narrows and additional wharfage	6
False Creek	6
C. P. R. bridge across False Creek	7
Granville Island and its effect on False Creek channel	7
C. N. R. wharfage at False Creek	8
Dredging at North Arm of Fraser river	8
Memo. from Vancouver Board of Trade relating to Dry Dock Railway terminal and port equipment	8
North Vancouver	10
General remarks on probable future traffic at the port	10
Recommendations:—	
Booming ground	13
Timber export wharf	14
Port Moody site	15
A harbour terminal railway	17
Fire tug	18
Mechanical equipment	19
Second Narrows bridge	20
Equipment for non-inflammable oil storage	21
New deep water berths	22
Site for deep water berths	23
" at Burrard Inlet	23
Desirable depth of water	24
Kitsilano	25
Provision of dockage facilities for passenger and other traffic in connection with Canadian National railways	26
Dry dock	26
Free port	27
Drawings, surveys and borings	28
Approximate cost of first unit proposed works and lands necessary to be acquired	28
Conclusion	28
List of plans accompanying report	29
Mr. Swan's first report, 1912	29
Conditions and boundary of harbour	30
Inland Revenue	30
S.S. lines in operation	30
Harbour extensions at other Pacific ports	31
Summary, recommendations development Vancouver harbour	31
Description of suggested works	31
Burrard Inlet	32
Second Narrows bridge	32
Protection for shipping trade to Pt. Moody	32
Wharfage for North Vancouver	32
False Creek	33
Bridges	33
Proposed improvement to False Creek	33
Private scheme for harbours at various situations	34
General:—	
Water front	35
Grain elevators	35
Types of construction	36
Permanency of new works	36
Approximate costs	37
Special note; control of harbour	37
Report, Chief Engineer, Marine Department, 1916	38
Commissioners' application to issue bonds	38
Commissioner McClay's memo. supporting Commissioners' proposal for development of harbour, February, 1916	40
Approximate cost	41
Estimate of revenue and expenditure to be derived	42