said. a canal a few hundred yards in length could ~~be~~ -ily be made connecting the waters of the two. A second portage by which I crossed, leads from the Wap-pa-lo-che Creek below Chinook Spit, to the A-tco-so-will, and is about the same length. These creeks are all tide sloughs, nearly dry at low ~~tide~~ water. A third is by the Kemtsa which runs into Gray's Bay above Point Ellice, from which there is a portage to the Nasal, a considerable stream emptying into Shoalwater Bay, some miles from its Southern extremity. This last is not much used. For the establishment of any artificial communication, the first named is preferable.

The peninsula extending North from Cape Disappointment is similar in character to the Clatsop Plains, much of it being prairie land - It is however deficient in water On the North, - a straight beach runs to Grays Harbor. Quite a number of streams empty into Shoalwater Bay of which the principal, are the Nasal, already mentioned the ~~Copalis~~ Co-pa-luks and the Willopah.

Co-pa-luks

The two first must head in the mountains near Grays river The latter ~~heads~~ rises in the divide between the waters of the Chehalis and the Bay, the main branch probably interlocking with the South Fork of that river ~~and with Grays river~~ in a mountain lying North of ~~Binnies or~~ Cathlamet. On all these as well as the smaller streams, there is a good deal of salt marsh near the mouth subject to flood in winter. The tide, the extremes of which are about the same as those on the Columbia river at Astoria, viz 13 feet, extends from 8 to 15 miles

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