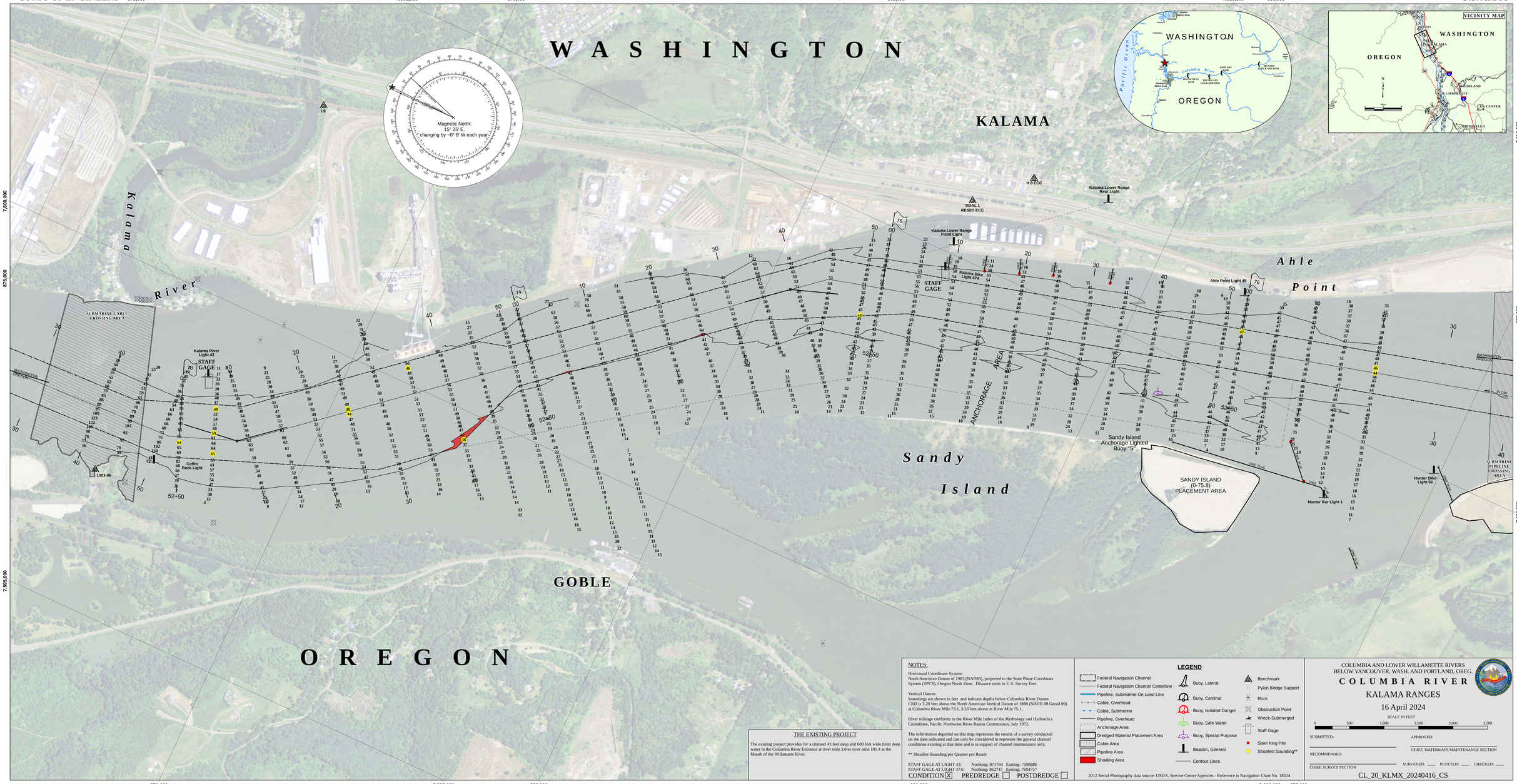
CORPS OF ENGINEERS

U.S. ARMY


WASHINGTON
KALAMA
Kalama River
Ahle Point
Sandy Island
GOBLE
OREGON
Magnetic North:
15° 25' E,
changing by ~0° 8' W each year
SUBMARINE CABLE CROSSING AREA
Kalama River Light 43
STAFF GAGE
Coffin Rock Light
1303-06
I 8
H 8 ECC
TIDAL 1 RESET ECC
Kalama Lower Range Front Light
Kalama Lower Range Rear Light
Kalama Dike Light 47A
Ahle Point Light 49
Sandy Island Anchorage Lighted Buoy "S"
SANDY ISLAND (0-75.8) PLACEMENT AREA
ANCHORAGE AREA
Hunter Bar Light 1
Hunter Dike Light 52
SUBMARINE PIPELINE CROSSING AREA
WASHINGTON
OREGON
FLOW
DIKE ALIGN
VICINITY MAP
Pacific Ocean
Columbia River
Portland Metro Area
BONNEVILLE DAM
THE DALLES LOCK AND DAM
JOHN DAY LOCK AND DAM
MCNARY LOCK AND DAM
Pasco
Kennewick
Richland
Walla Walla
Lewiston
Clarkston
Moscow
Pullman
Spokane
Coeur d'Alene
Ellensburg
Yakima
Wenatchee
Moses Lake
Ephrata
Grand Coulee
Omak
Oroville
Tonasket
Sandpoint
Bonners Ferry
Libby
Kalispell
Whitefish
Cranbrook
Nelson
Trail
Castlegar
Kootenay Lake
Revelstoke
Mica Dam
Arrow Lake
Duncan
Mission
Abbotsford
Vancouver
Victoria
Seattle
Tacoma
Olympia
Aberdeen
Port Angeles
Bellingham
Anacortes
Port Townsend
Longview
Kelso
Astoria
Ilwaco
Ocean Shores
Westport
Raymond
Chinook
Cathlamet
Ridgefield
Vancouver
Longview
Kelso
Cowlitz River
Lewis River
Kalama River
Columbia River
Willamette River
Sandy River
Lower Willamette River
Lower Cowlitz River
Lower Lewis River
Lower Kalama River
Lower Sandy River
Lower Columbia