

May 19, 2017

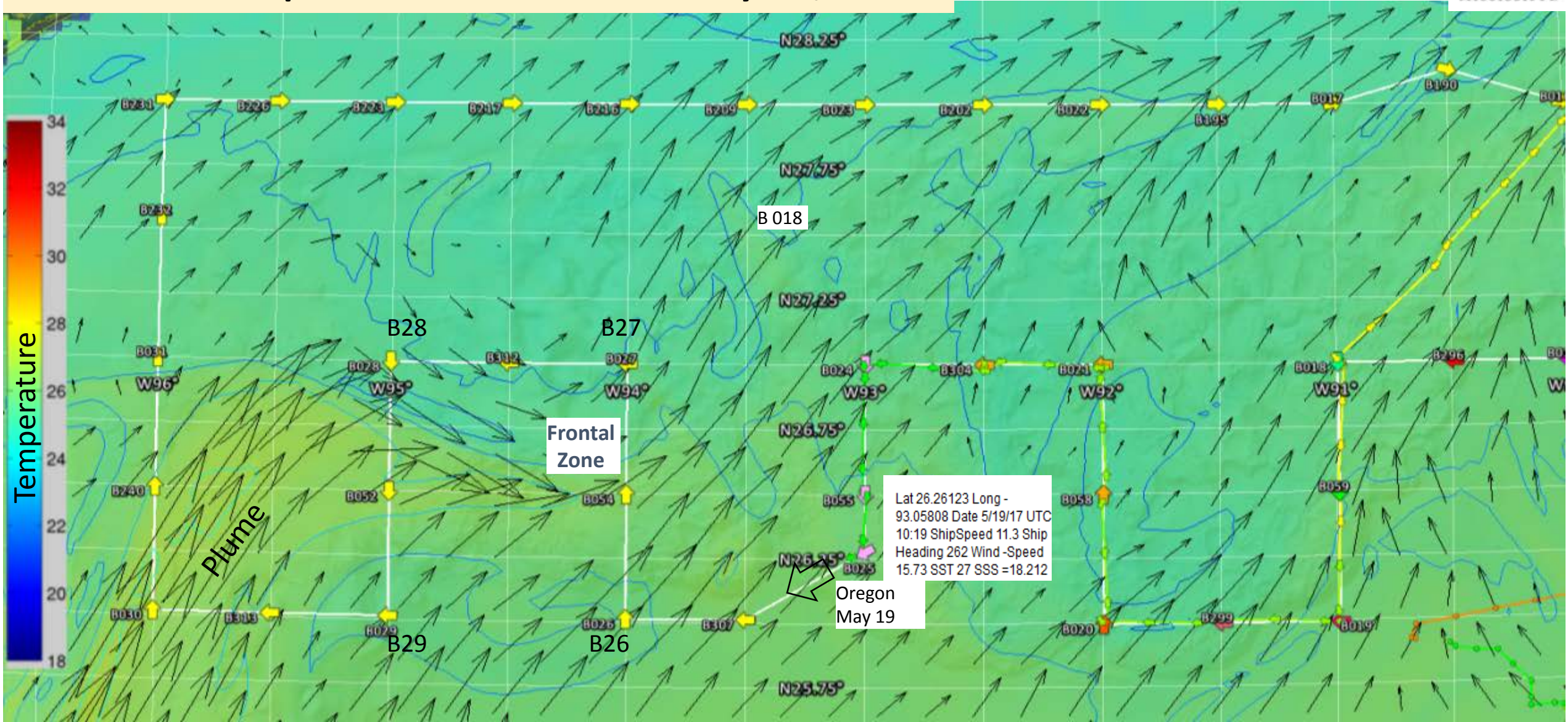
R. Arnone
B. Jones, I. Soto

NOWCAST

- Oregon 2 SEAMAP – Leg 2 Cruise track



Sea Surface Temperature – Currents for May 18, 2017



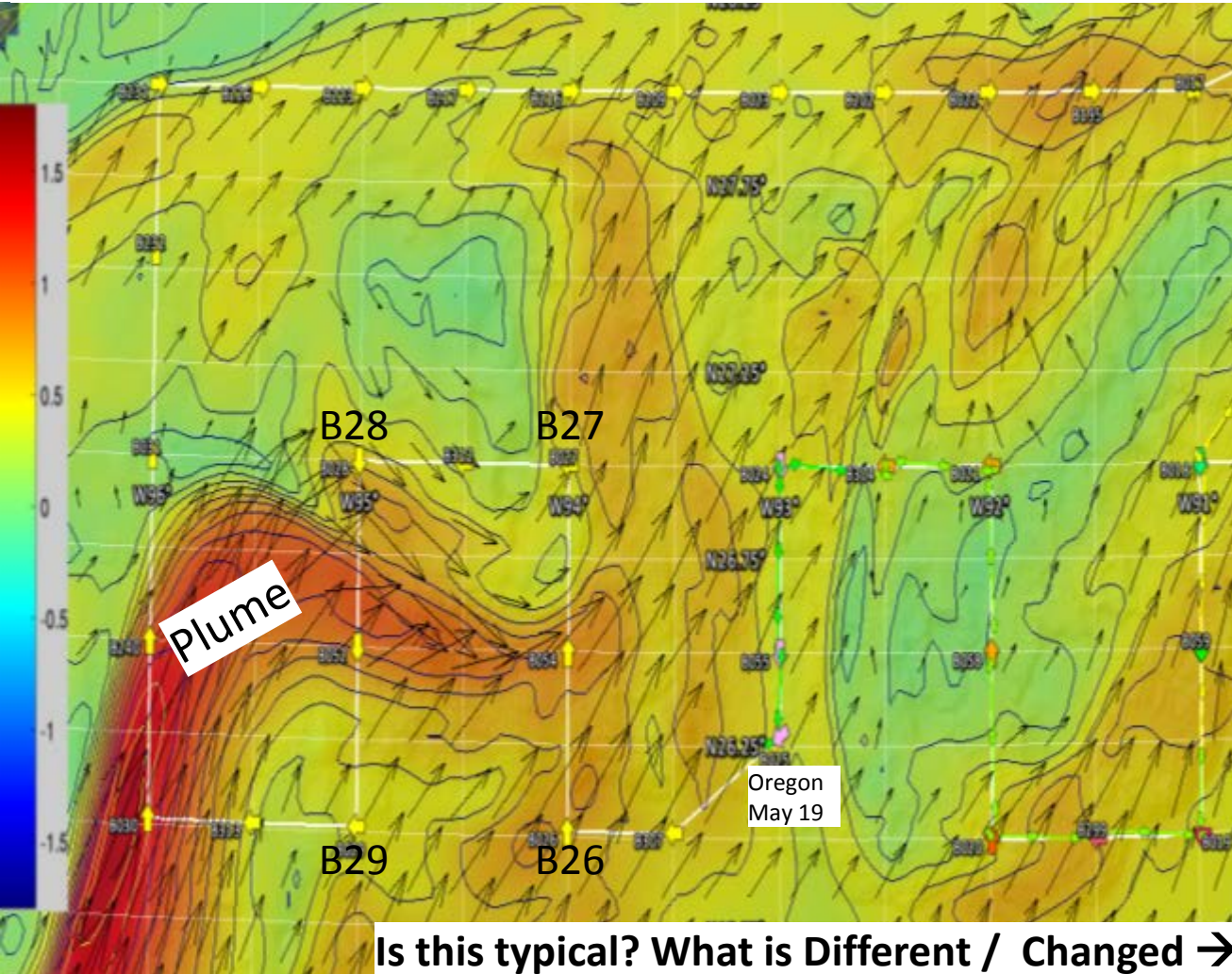
Oregon Cruise May 19, 2017

Currents

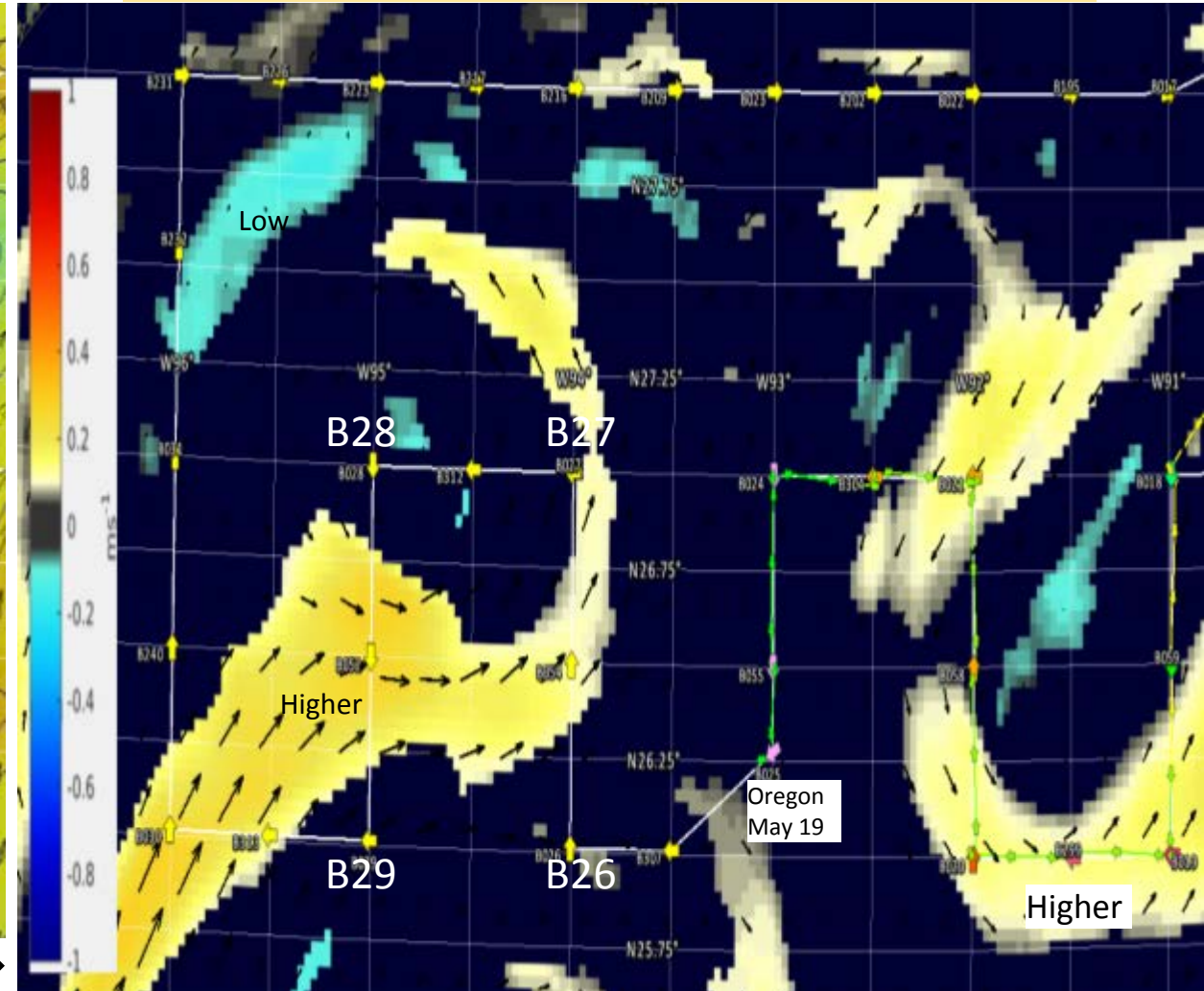
*Leg 2 = Some stations have Higher currents B52, B54
Plume to West
Plume conditions - high salinity, high currents, clear waters.*

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Surface Current Magnitude May 18



Current Anomaly May 9-16 SD MSK1



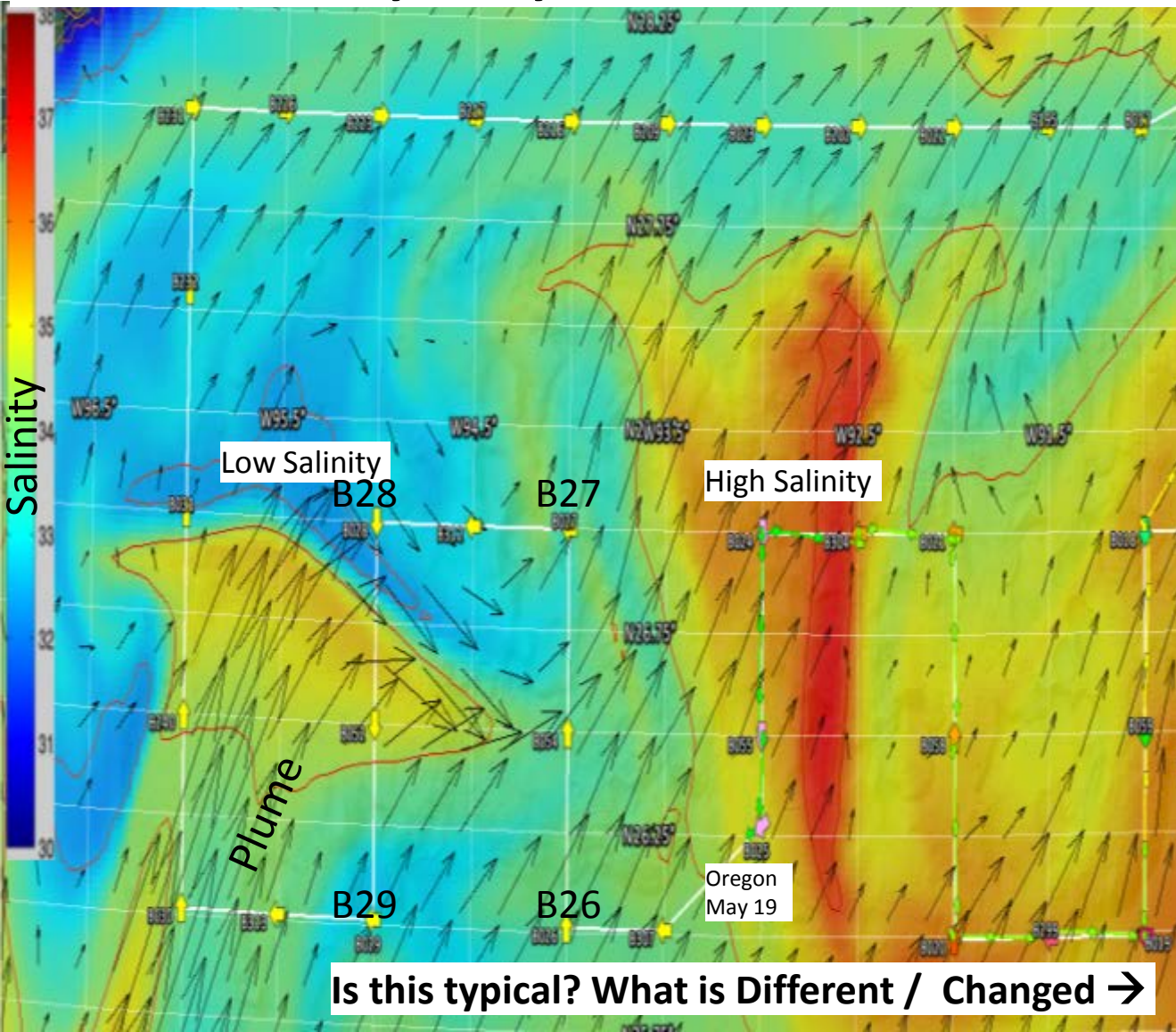
Is this typical? What is Different / Changed →

Oregon Cruise May 19, 2017

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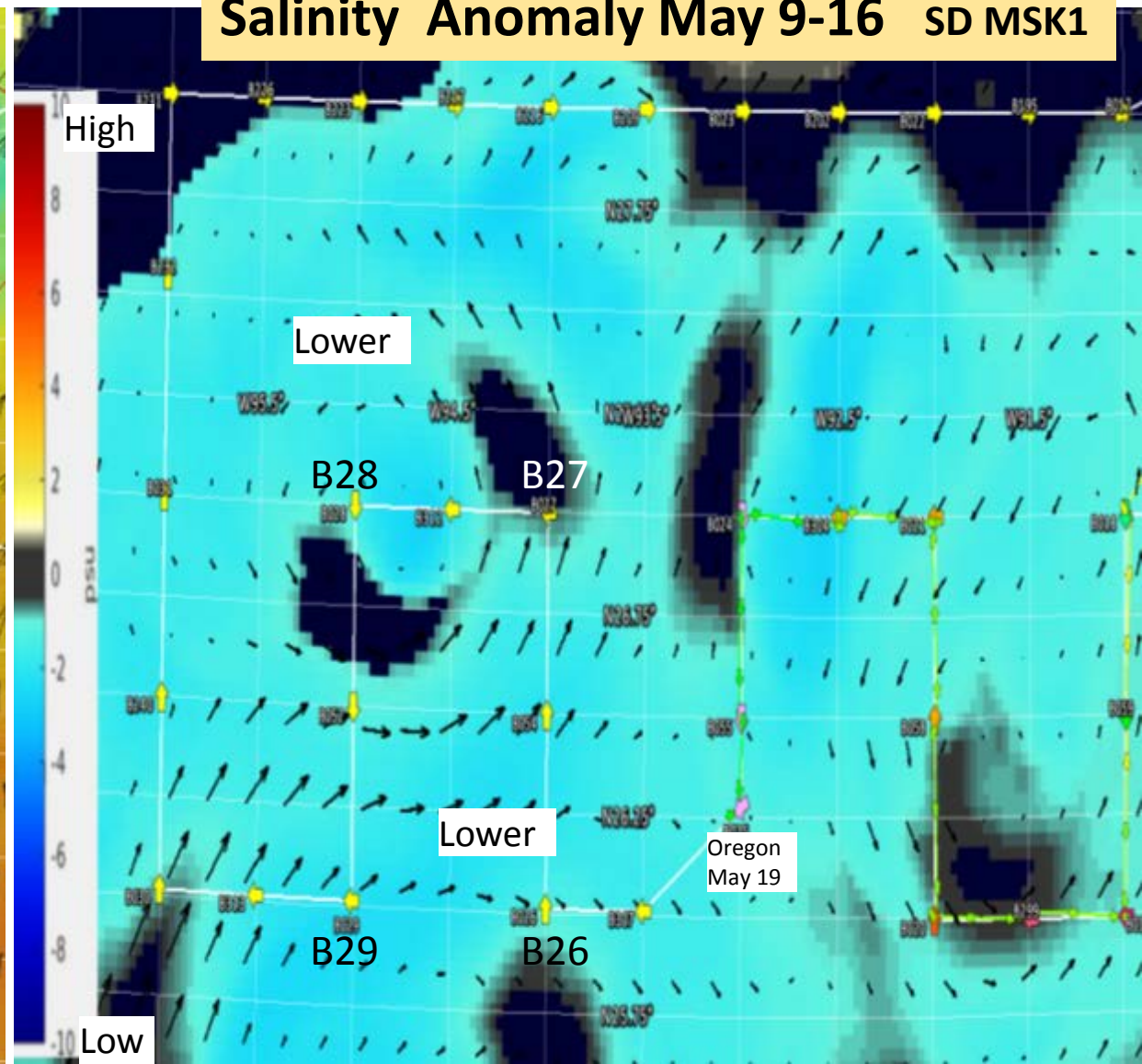
Salinity

Surface Salinity May 18



Leg 2 - CHANGING SALINITY B26,27,28,52, 29
Lower Salinity Water Most western SeaMap Stations
Plume salinity variable ... Will check your track !!

Salinity Anomaly May 9-16 SD MSK1



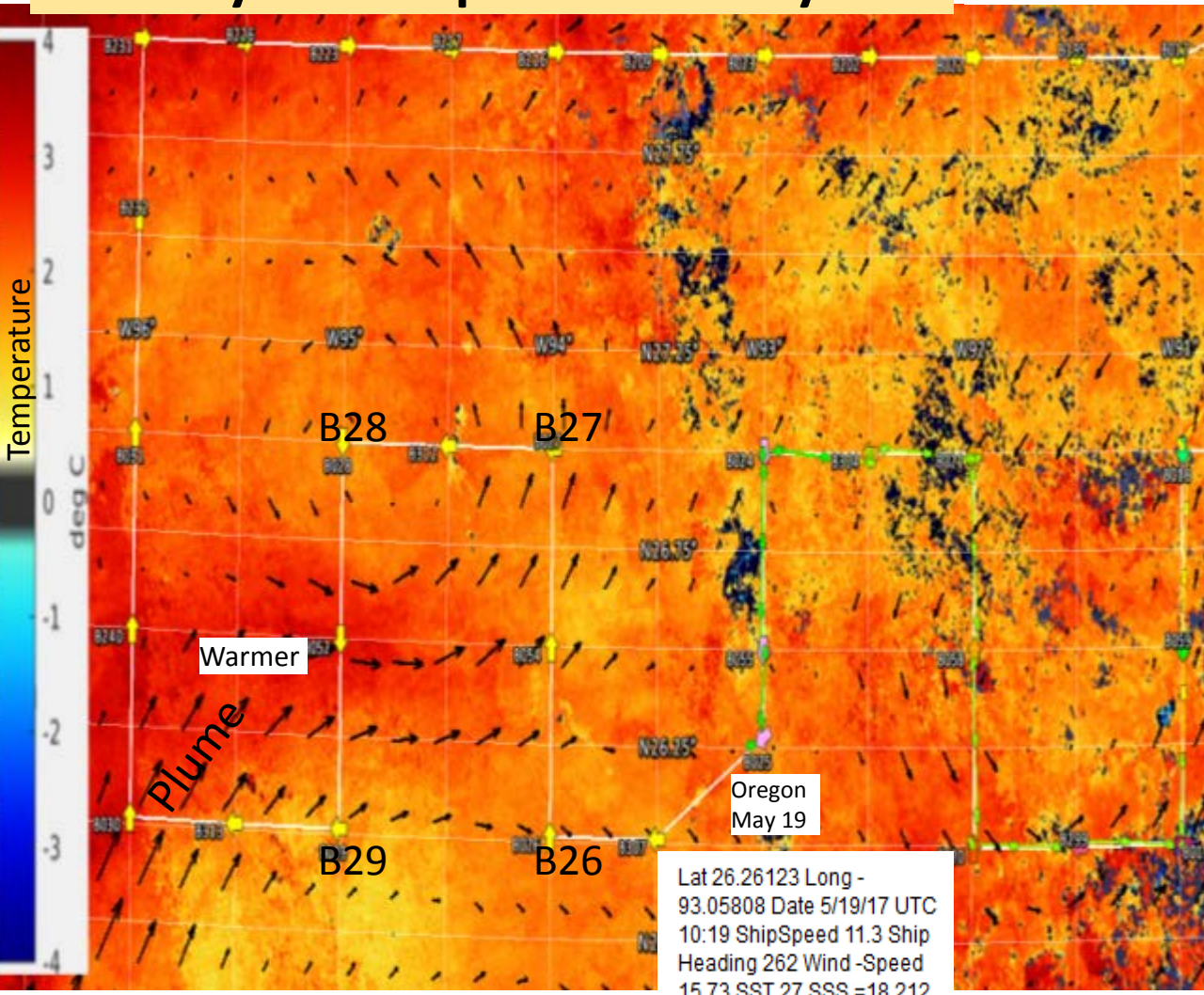
May 19, 2017 Oregon 2 Cruise

Anomaly Conditions

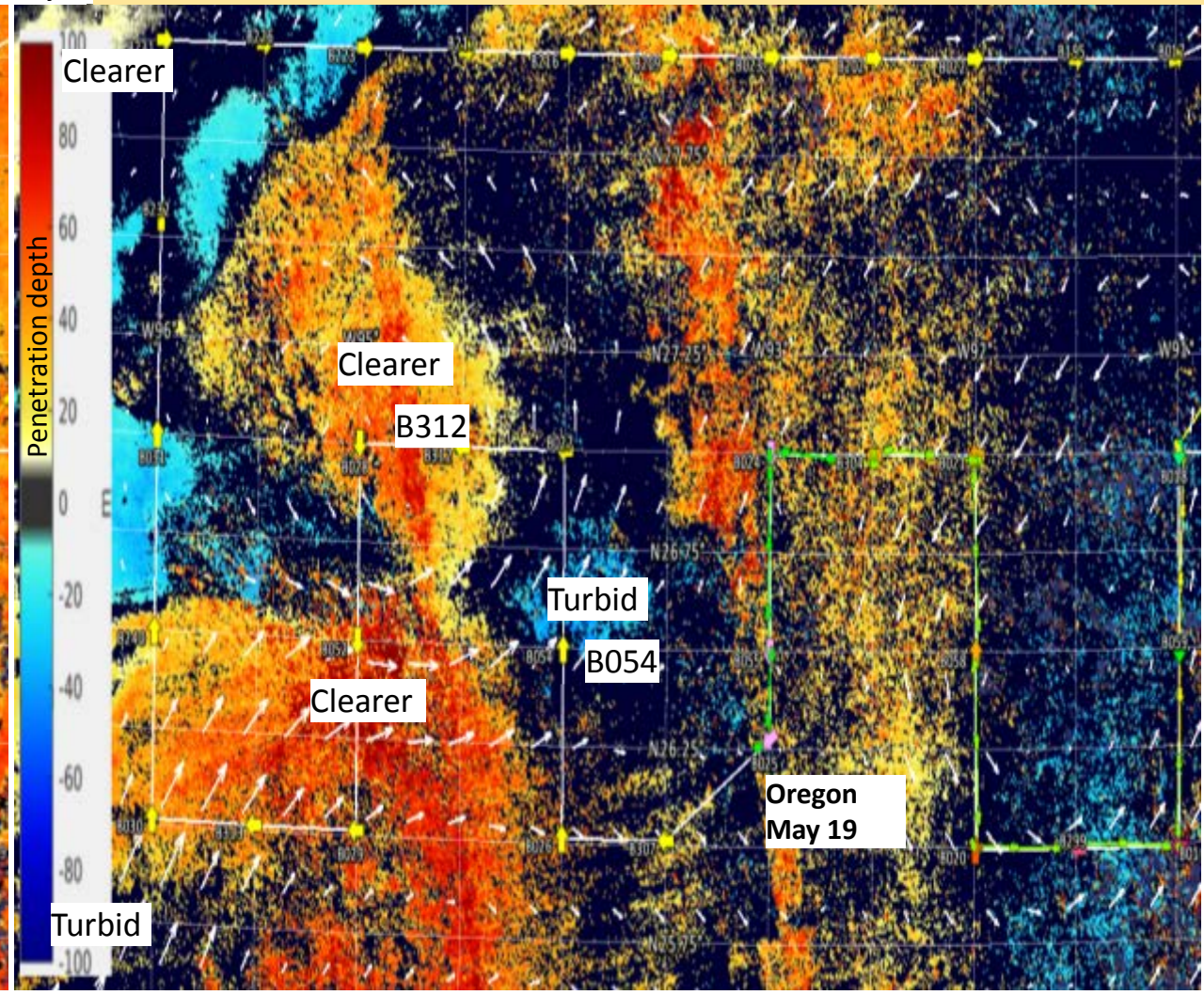
Have Conditions Changed - YES!

Warmer waters than last 2 month
Clearer Station B304

Anomaly SS Temperature May 9-16 Currents Weekly



Anomaly Water Clarity Currents Weekly



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Plume Moving across the Cruise Track
B054 and B028 – At upwelling / frontal region

Mixed Layer depth - Currents for May 18, 2017

