

WEATHER ROUTING:

FROM: WETTERWELT GMBH

TO:

VOYAGE: KAOHSIUNG - VERACRUZ via PANAMA-CANAL

ACT.POS: 2617N 16447E @06UTC

FORECAST ISS: 02/01/12 0800 UTC

Dear Capt. S.

many thanks for report, your remarks re restriction areas well noted.  
please be updated with latest WX-Routing:

SYNOP:

(1) Low pressure system

02/12UT: L97244N 164W, trough 980 42N 172W, move SE

03/00UT: L966 46N 158W, trough 39N 167W

03/12UT: L972 46N 155W, trough 990 38N 156W

04/00UT: L978 43N 151W, trough 1000 37N 147W

(2) Zone of High pressure filling in from the NW

02/12UT: Zone of HP 1025 44N 166E - 38N 168E, ridge 1020 24N 172E

03/00UT: Zone of HP 1025 40N 174E - 34N 177E, ridge 1020 24N 179E

03/12UT: H1026 32N 178W, ridge 1020 44N 180E

04/00UT: H1027 28N 169W, new ridge 1020 24N 179W

05/00UT: H1027 32N 153W, ridge stretching to SW 1025 28N 163W, 1020 25N 177W

06/00UT: H1032 37N 138W, ridge 1025 30N 157W, 1020 24N 174W

07/00UT: H1032 37N 134W, ridge 1025 31N 145W, 1020 25N 165W

08/00UT: H1030 36N 132W, ridge 1025 30N 140W, 1020 27N 155W

(3) Low pressure system developing rapidly E of Japan with coldfront passing vsl within next

03/00UT: L960 42N 152E, coldfront to 1010 30N 164E, 1015 27N 164E

03/12UT: secondary Low 995 40N 170E, coldfront to 1010 33N 171E, 1015 29N 171E, 1018 25N 172E

04/00UT: secondary Low 995 41N 178E, coldfront 1015 32N 179E, 1018 27N 176E

05/00UT: secondary Low 998 42N 162W, coldfront 1015 37N 162W, removing to NE

(4) new Low pressure system:

05/00UT: L992 40N 168E - 37N 162E, move NE

05/12UT: L985 41N 172E

06/00UT: L975 44N 177W

06/12UT: L965 47N 172W, coldfront to 1010 33N 175W, move ENE

ROUTE SUGGESTION:

act.pos. -> with best safe headings via ~ 25°30'N 170°20'E (around 03/06UT) -> direct ~ 30N 180E -> parallel 30N 150W -> GC 18N 104E -> shortest abeam Coiba Island to Balboa

REASON/COMMENTS:

- route is suggested to be most economic and safe option to pass mid and E-ern North Pacific
- bad weather conditions within next ~24 hrs shall be crossed with best/safe headings ... and a proceeding with COG ~098 within incoming NW-ly swell may be recommendable
- as soon as local sea/swell conditions permit, a change to NE-ly headings may be recommendable
- latest time for change to NE-ly headings may be around 03/18UTC
- with reference to your remarks re restriction areas NW off Hawaii and Reefs, this N-ly route

option may be shorter than your intended S-ly route option (up to 45 nm shorter distance, when change headings around 03/06UTC)

- additional more favourable SW-ly weather (instead of rough adverse E-lies on S-ly route) may cause gains in sailing time up to 6-12 hrs, without reaching high swell conditions further N again

For your reference, please find latest Forecast along this suggested N-ly route option:

FORECAST along our suggested route via WP(1a) and WP(1b):

02 / 12UT: E-ly winds 6-7 Bft, cross sea + NW-ly swell ~ 4 m, period 10 - 11 sec

02 / 18UT: SE-ly winds 6 Bft, cross sea + NW-ly swell ~ 4 m, period ~ 10 sec

03 / 00UT: SE-S-ly winds 6 Bft, cross sea + NW-N-ly swell ~ 3.5 m, period ~ 10 sec

03 / 06UT: S-ly winds 5-6 Bft, cross sea + NW-N-ly swell 3 - 3.5 m, period ~ 10 sec

03 / 12UT: S-ly winds 5-6 Bft, sea + NW-N-ly swell 3 - 3.5 m, period ~ 10 sec

03 / 18UT: S-SW-ly winds 5 Bft, sea + NNW-ly swell ~ 3 m, period 10 - 11 sec

04 / 00UT: SW-ly winds 5 Bft, sea + N-ly and E-SE-ly swell 2.5 - 3 m, period ~ 10 sec

04 / 12UT: SW-ly winds 4-5 Bft, sea + N-ly and E-SE-ly swell ~ 2.5 m, period 9 - 10 sec

05 / 00UT: SW-W-ly winds 5-6 Bft, sea + NW-ly swell ~ 2.5 m, period ~ 10 sec

05 / 12UT: SW-ly winds 5-6 Bft, sea + NW swell 3 - 3.5 m, period 12 - 14 sec

06 / 00UT: SW-ly winds 6 Bft, sea + NW-ly swell 3.5 - 4 m, period 12 - 13 sec

06 / 12UT: SW-ly winds 6 Bft, sea + NW-ly swell 3.5 - 4 m, period 11 - 12 sec

07 / 00UT: SW-W-ly winds 6 Bft, sea + NW-ly swell 3.5 - 4 m, period 10 - 11 sec

EXTENDED OUTLOOK:

07/12UT: W-NW-ly winds 3-5 Bft, sea + NW-W-ly swell ~ 3.5 m, period 11 - 12 sec

08/00UT: W-NW-ly winds 3-4 Bft, sea + W-NW-ly swell 3 - 3.5 m, period 11 - 12 sec

08/12UT: variable winds 2-4 Bft, W-NW-ly swell ~ 3 m, period ~ 12 sec

09/00UT: NE-E-ly winds 3-4 Bft, sea + W-NW-ly swell 2.5 - 3 m, period ~ 12 sec

10/00UT: SE-ly winds 3-4 Bft, sea + W-NW-ly swell ~ 2.5 m, period ~ 12 sec

COMMENTS:

- kindly check route option and local conditions in period 03/00UT - 03/18UT, if NE-ly headings towards NW-ern edge of restricted areas may be possible without strong vsI (rolling motions)

REMARKS:

Next routing until 03 / 1200 UTC

Many thanks and best regards

Sven Taxwedel

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