BRY file

```
netcdf croco_bry {
dimensions:
        xi_u = 954 ;
        xi_v = 955 ;
        xi_rho = 955 ;
        eta_u = 500 ;
        eta_v = 499 ;
        eta_rho = 500 ;
        s_rho = 37 ;
        s_w = 38 ;
        tracer = 2 ;
        bry_time = 3 ;
        tclm_time = 3 ;
        temp_time = 3 ;
        sclm_time = 3 ;
        salt_time = 3 ;
        uclm_time = 3 ;
        vclm_time = 3 ;
        v2d_time = 3 ;
        v3d_time = 3 ;
        ssh_time = 3 ;
        zeta_time = 3 ;
        one = 1 ;
variables:
        char spherical(one) ;
                spherical:long_name = "grid type logical switch" ;
                spherical:flag_values = "T, F" ;
                spherical:flag_meanings = "spherical Cartesian" ;
        int Vtransform(one) ;
                Vtransform:long_name = "vertical terrain-following transformation equation" ;
        int Vstretching(one) ;
                Vstretching:long_name = "vertical terrain-following stretching function" ;
        double tstart(one) ;
                tstart:long_name = "start processing day" ;
                tstart:units = "day" ;
        double tend(one) ;
                tend:long_name = "end processing day" ;
                tend:units = "day" ;
        double theta_s(one) ;
                theta_s:long_name = "S-coordinate surface control parameter" ;
                theta_s:units = "nondimensional" ;
        double theta_b(one) ;
                theta_b:long_name = "S-coordinate bottom control parameter" ;
                theta_b:units = "nondimensional" ;
        double Tcline(one) ;
                Tcline:long_name = "S-coordinate surface/bottom layer width" ;
                Tcline:units = "meter" ;
        double hc(one) ;
                hc:long_name = "S-coordinate parameter, critical depth" ;
                hc:units = "meter" ;
        double sc_r(s_rho) ;
                sc_r:long_name = "S-coordinate at RHO-points" ;
                sc_r:valid_min = -1. ;
                sc_r:valid_max = 0. ;
                sc_r:positive = "up" ;
                sc_r:standard_name = "ocena_s_coordinate_g1" ;
                sc_r:formula_terms = "s: s_rho C: Cs_r eta: zeta depth: h depth_c: hc" ;
        double sc_w(s_w) ;
                sc_w:long_name = "S-coordinate at W-points" ;
                sc_w:valid_min = -1. ;
                sc_w:valid_max = 0. ;
                sc_w:positive = "up" ;
                sc_w:standard_name = "ocean_s_coordinate_g1" ;
                sc_w:formula_terms = "s: s_w C: Cs_w eta: zeta depth: h depth_c: hc" ;
        double Cs_r(s_rho) ;
                Cs_r:long_name = "S-coordinate stretching curves at RHO-points" ;
                Cs_r:units = "nondimensional" ;
                Cs_r:valid_min = -1. ;
                Cs_r:valid_max = 0. ;
        double Cs_w(s_w) ;
                Cs_w:long_name = "S-coordinate stretching curves at W-points" ;
                Cs_w:units = "nondimensional" ;
                Cs_w:valid_min = -1. ;
                Cs_w:valid_max = 0. ;
        double bry_time(bry_time) ;
                bry_time:long_name = "time for boundary climatology" ;
                bry_time:units = "day" ;
                bry_time:calendar = "360.0 days in every year" ;
                bry_time:cycle_length = 0. ;
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        double tclm_time(tclm_time) ;
                tclm_time:long_name = "time for temperature climatology" ;
                tclm_time:units = "day" ;
                tclm_time:calendar = "360.0 days in every year" ;
                tclm_time:cycle_length = 0. ;
        double temp_time(temp_time) ;
                temp_time:long_name = "time for temperature climatology" ;
                temp_time:units = "day" ;
                temp_time:calendar = "360.0 days in every year" ;
                temp_time:cycle_length = 0. ;
        double sclm_time(sclm_time) ;
                sclm_time:long_name = "time for salinity climatology" ;
                sclm_time:units = "day" ;
                sclm_time:calendar = "360.0 days in every year" ;
                sclm_time:cycle_length = 0. ;
        double salt_time(salt_time) ;
                salt_time:long_name = "time for salinity climatology" ;
                salt_time:units = "day" ;
                salt_time:calendar = "360.0 days in every year" ;
                salt_time:cycle_length = 0. ;
        double uclm_time(uclm_time) ;
                uclm_time:long_name = "time climatological u" ;
                uclm_time:units = "day" ;
                uclm_time:calendar = "360.0 days in every year" ;
                uclm_time:cycle_length = 0. ;
        double vclm_time(vclm_time) ;
                vclm_time:long_name = "time climatological v" ;
                vclm_time:units = "day" ;
                vclm_time:calendar = "360.0 days in every year" ;
                vclm_time:cycle_length = 0. ;
        double v2d_time(v2d_time) ;
                v2d_time:long_name = "time for 2D velocity climatology" ;
                v2d_time:units = "day" ;
                v2d_time:calendar = "360.0 days in every year" ;
                v2d_time:cycle_length = 0. ;
        double v3d_time(v3d_time) ;
                v3d_time:long_name = "time for 3D velocity climatology" ;
                v3d_time:units = "day" ;
                v3d_time:calendar = "360.0 days in every year" ;
                v3d_time:cycle_length = 0. ;
        double ssh_time(ssh_time) ;
                ssh_time:long_name = "time for sea surface height" ;
                ssh_time:units = "day" ;
                ssh_time:calendar = "360.0 days in every year" ;
                ssh_time:cycle_length = 0. ;
        double zeta_time(zeta_time) ;
                zeta_time:long_name = "time for sea surface height" ;
                zeta_time:units = "day" ;
                zeta_time:calendar = "360.0 days in every year" ;
                zeta_time:cycle_length = 0. ;
        double temp_south(temp_time, s_rho, xi_rho) ;
                temp_south:long_name = "southern boundary potential temperature" ;
                temp_south:units = "Celsius" ;
                temp_south:coordinates = "lon_rho s_rho temp_time" ;
        double salt_south(salt_time, s_rho, xi_rho) ;
                salt_south:long_name = "southern boundary salinity" ;
                salt_south:units = "PSU" ;
                salt_south:coordinates = "lon_rho s_rho salt_time" ;
        double u_south(v3d_time, s_rho, xi_u) ;
                u_south:long_name = "southern boundary u-momentum component" ;
                u_south:units = "meter second-1" ;
                u_south:coordinates = "lon_u s_rho u_time" ;
        double v_south(v3d_time, s_rho, xi_rho) ;
                v_south:long_name = "southern boundary v-momentum component" ;
                v_south:units = "meter second-1" ;
                v_south:coordinates = "lon_v s_rho vclm_time" ;
        double ubar_south(v2d_time, xi_u) ;
                ubar_south:long_name = "southern boundary vertically integrated u-momentum component" ;
                ubar_south:units = "meter second-1" ;
                ubar_south:coordinates = "lon_u uclm_time" ;
        double vbar_south(v2d_time, xi_rho) ;
                vbar_south:long_name = "southern boundary vertically integrated v-momentum component" ;
                vbar_south:units = "meter second-1" ;
                vbar_south:coordinates = "lon_v vclm_time" ;
        double zeta_south(zeta_time, xi_rho) ;
                zeta_south:long_name = "southern boundary sea surface height" ;
                zeta_south:units = "meter" ;
                zeta_south:coordinates = "lon_rho zeta_time" ;
        double temp_east(temp_time, s_rho, eta_rho) ;
                temp_east:long_name = "eastern boundary potential temperature" ;
                temp_east:units = "Celsius" ;
                temp_east:coordinates = "lat_rho s_rho temp_time" ;
        double salt_east(salt_time, s_rho, eta_rho) ;
                salt_east:long_name = "eastern boundary salinity" ;
                salt_east:units = "PSU" ;
                salt_east:coordinates = "lat_rho s_rho salt_time" ;
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        double u_east(v3d_time, s_rho, eta_rho) ;
                u_east:long_name = "eastern boundary u-momentum component" ;
                u_east:units = "meter second-1" ;
                u_east:coordinates = "lat_u s_rho u_time" ;
        double v_east(v3d_time, s_rho, eta_v) ;
                v_east:long_name = "eastern boundary v-momentum component" ;
                v_east:units = "meter second-1" ;
                v_east:coordinates = "lat_v s_rho vclm_time" ;
        double ubar_east(v2d_time, eta_rho) ;
                ubar_east:long_name = "eastern boundary vertically integrated u-momentum component" ;
                ubar_east:units = "meter second-1" ;
                ubar_east:coordinates = "lat_u uclm_time" ;
        double vbar_east(v2d_time, eta_v) ;
                vbar_east:long_name = "eastern boundary vertically integrated v-momentum component" ;
                vbar_east:units = "meter second-1" ;
                vbar_east:coordinates = "lat_v vclm_time" ;
        double zeta_east(zeta_time, eta_rho) ;
                zeta_east:long_name = "eastern boundary sea surface height" ;
                zeta_east:units = "meter" ;
                zeta_east:coordinates = "lat_rho zeta_time" ;
        double temp_north(temp_time, s_rho, xi_rho) ;
                temp_north:long_name = "northern boundary potential temperature" ;
                temp_north:units = "Celsius" ;
                temp_north:coordinates = "lon_rho s_rho temp_time" ;
        double salt_north(salt_time, s_rho, xi_rho) ;
                salt_north:long_name = "northern boundary salinity" ;
                salt_north:units = "PSU" ;
                salt_north:coordinates = "lon_rho s_rho salt_time" ;
        double u_north(v3d_time, s_rho, xi_u) ;
                u_north:long_name = "northern boundary u-momentum component" ;
                u_north:units = "meter second-1" ;
                u_north:coordinates = "lon_u s_rho u_time" ;
        double v_north(v3d_time, s_rho, xi_rho) ;
                v_north:long_name = "northern boundary v-momentum component" ;
                v_north:units = "meter second-1" ;
                v_north:coordinates = "lon_v s_rho vclm_time" ;
        double ubar_north(v2d_time, xi_u) ;
                ubar_north:long_name = "northern boundary vertically integrated u-momentum component" ;
                ubar_north:units = "meter second-1" ;
                ubar_north:coordinates = "lon_u uclm_time" ;
        double vbar_north(v2d_time, xi_rho) ;
                vbar_north:long_name = "northern boundary vertically integrated v-momentum component" ;
                vbar_north:units = "meter second-1" ;
                vbar_north:coordinates = "lon_v vclm_time" ;
        double zeta_north(zeta_time, xi_rho) ;
                zeta_north:long_name = "northern boundary sea surface height" ;
                zeta_north:units = "meter" ;
                zeta_north:coordinates = "lon_rho zeta_time" ;
        double temp_west(temp_time, s_rho, eta_rho) ;
                temp_west:long_name = "western boundary potential temperature" ;
                temp_west:units = "Celsius" ;
                temp_west:coordinates = "lat_rho s_rho temp_time" ;
        double salt_west(salt_time, s_rho, eta_rho) ;
                salt_west:long_name = "western boundary salinity" ;
                salt_west:units = "PSU" ;
                salt_west:coordinates = "lat_rho s_rho salt_time" ;
        double u_west(v3d_time, s_rho, eta_rho) ;
                u_west:long_name = "western boundary u-momentum component" ;
                u_west:units = "meter second-1" ;
                u_west:coordinates = "lat_u s_rho u_time" ;
        double v_west(v3d_time, s_rho, eta_v) ;
                v_west:long_name = "western boundary v-momentum component" ;
                v_west:units = "meter second-1" ;
                v_west:coordinates = "lat_v s_rho vclm_time" ;
        double ubar_west(v2d_time, eta_rho) ;
                ubar_west:long_name = "western boundary vertically integrated u-momentum component" ;
                ubar_west:units = "meter second-1" ;
                ubar_west:coordinates = "lat_u uclm_time" ;
        double vbar_west(v2d_time, eta_v) ;
                vbar_west:long_name = "western boundary vertically integrated v-momentum component" ;
                vbar_west:units = "meter second-1" ;
                vbar_west:coordinates = "lat_v vclm_time" ;
        double zeta_west(zeta_time, eta_rho) ;
                zeta_west:long_name = "western boundary sea surface height" ;
                zeta_west:units = "meter" ;
                zeta_west:coordinates = "lat_rho zeta_time" ;

// global attributes:
                :title = "Tropical Atlantic" ;
                :date = "14-Oct-2022" ;
                :clim_file = "/croco/Run_Trop_Atl/CROCO_FILES/croco_bry_SODA_Y2005M01.nc" ;
                :grd_file = "/croco/Run_Trop_Atl/CROCO_FILES/croco_grd.nc" ;
                :type = "BOUNDARY file" ;
                :history = "CROCO" ;

temp_time = 1811, 1841, 1871 ;
}
```