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netcdf ov10_PRES {
dimensions:
    DATE_TIME = 14 ;
    STRING2 = 2 ;
    STRING4 = 4 ;
    STRING8 = 8 ;
    STRING16 = 16 ;
    STRING30 = 30 ;
    STRING64 = 64 ;
    N_PROF = 110 ;
    N_PARAM = 25 ;
    N_LEVELS = 5449 ;
    N_BOTTLES = 28 ;
    N_PARAM_CHIM = 9 ;
    STRING7 = 7 ;

variables:
    char STATION_PARAMETER(N_PARAM, STRING4) ;
        STATION_PARAMETER:long_name = "List of available parameters for the station" ;
        STATION_PARAMETER:convention = "GF3 code of the indexed parameter among (DEPH, PRES,
PSAL, TEMP + extended codes)" ;
    char SHIP_NAME(N_PROF, STRING30) ;
        SHIP_NAME:long_name = "Name of the ship" ;
    char SHIP_WMO_ID(N_PROF, STRING16) ;
        SHIP_WMO_ID:long_name = "WMO identifier of the ship" ;
    char PI_NAME(N_PROF, STRING16) ;
        PI_NAME:long_name = "Name of the principal investigator" ;
    char PI_ORGANISM(N_PROF, STRING16) ;
        PI_ORGANISM:long_name = "Organism of the principal investigator" ;
    char CRUISE_NAME(N_PROF, STRING16) ;
        CRUISE_NAME:long_name = "Name of the cruise" ;
    float STATION_NUMBER(N_PROF) ;
        STATION_NUMBER:long_name = "Station_NUMBER" ;
        STATION_NUMBER:convention = "From 1 to N" ;
        STATION_NUMBER:FillValue = -9999.f ;
    char DIRECTION(N_PROF) ;
        DIRECTION:long_name = "Direction of the station : A, D" ;
        DIRECTION:convention = "A:ascending profiles, D:descending profiles" ;
    char DATA_PROCESSING_ORGANISM(N_PROF, STRING16) ;
        DATA_PROCESSING_ORGANISM:long_name = "Responsible of the data processing" ;
    char INST_REFERENCE(N_PROF, STRING64) ;
        INST_REFERENCE:long_name = "Instrument type" ;
        INST_REFERENCE:convention = "Brand, type, serial number" ;
    char STATION_DATE_BEGIN(N_PROF, DATE_TIME) ;
        STATION_DATE_BEGIN:long_name = "Beginning date_time of each profile" ;
        STATION_DATE_BEGIN:convention = "YYYYMMDDHH24MISS" ;
    char STATION_DATE_END(N_PROF, DATE_TIME) ;
        STATION_DATE_END:long_name = "End date_time of each profile" ;
        STATION_DATE_END:convention = "YYYYMMDDHH24MISS" ;
    float JULD_BEGIN(N_PROF) ;
        JULD_BEGIN:long_name = "Julian day UTC of the beginning of the station relative to
REFERENCE_DATE_TIME" ;
        JULD_BEGIN:convention = "Relative julian days with decimal part (as part of day)" ;
        JULD_BEGIN:units = "days since 1950-01-01 00:00:00 UTC" ;
        JULD_BEGIN:FillValue = -9999.f ;
    float JULD_END(N_PROF) ;
        JULD_END:long_name = "Julian day UTC of the end of the station relative to

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REFERENCE_DATE_TIME" ;
    JULD_END:convention = "Relative julian days with decimal part (as part of day)" ;
    JULD_END:units = "days since 1950-01-01 00:00:00 UTC" ;
    JULD_END:FillValue = -9999.f ;
float JULD(N_PROF) ;
    JULD:long_name = "Julian day UTC of the station relative to REFERENCE_DATE_TIME" ;
    JULD:convention = "Relative julian days with decimal part (as part of day)" ;
    JULD:units = "days since 1950-01-01 00:00:00 UTC" ;
    JULD:FillValue = -9999.f ;
double LATITUDE_BEGIN(N_PROF) ;
    LATITUDE_BEGIN:long_name = "Latitude begin of the station, best estimated" ;
    LATITUDE_BEGIN:units = "degrees_north" ;
    LATITUDE_BEGIN:FillValue = -9999. ;
    LATITUDE_BEGIN:valid_min = -90. ;
    LATITUDE_BEGIN:valid_max = 90. ;
double LATITUDE_END(N_PROF) ;
    LATITUDE_END:long_name = "Latitude end of the station, best estimated" ;
    LATITUDE_END:units = "degrees_north" ;
    LATITUDE_END:FillValue = -9999. ;
    LATITUDE_END:valid_min = -90. ;
    LATITUDE_END:valid_max = 90. ;
double LATITUDE(N_PROF) ;
    LATITUDE:long_name = "Latitude of the station, best estimated" ;
    LATITUDE:units = "degrees_north" ;
    LATITUDE:FillValue = -9999. ;
    LATITUDE:valid_min = -90. ;
    LATITUDE:valid_max = 90. ;
double LONGITUDE_BEGIN(N_PROF) ;
    LONGITUDE_BEGIN:long_name = "Longitude begin of the station, best estimated" ;
    LONGITUDE_BEGIN:units = "degrees_east" ;
    LONGITUDE_BEGIN:FillValue = -9999. ;
    LONGITUDE_BEGIN:valid_min = -180. ;
    LONGITUDE_BEGIN:valid_max = 180. ;
double LONGITUDE_END(N_PROF) ;
    LONGITUDE_END:long_name = "Longitude end of the station, best estimated" ;
    LONGITUDE_END:units = "degrees_east" ;
    LONGITUDE_END:FillValue = -9999. ;
    LONGITUDE_END:valid_min = -180. ;
    LONGITUDE_END:valid_max = 180. ;
double LONGITUDE(N_PROF) ;
    LONGITUDE:long_name = "Longitude of the station, best estimated" ;
    LONGITUDE:units = "degrees_east" ;
    LONGITUDE:FillValue = -9999. ;
    LONGITUDE:valid_min = -180. ;
    LONGITUDE:valid_max = 180. ;
float BOTTOM_DEPTH(N_PROF) ;
    BOTTOM_DEPTH:long_name = "Bottom depth of profiles " ;
    BOTTOM_DEPTH:convention = "in meters" ;
    BOTTOM_DEPTH:FillValue = -9999.f ;
    BOTTOM_DEPTH:valid_min = 0. ;
    BOTTOM_DEPTH:valid_max = 15000. ;
float MAX_PRESSURE(N_PROF) ;
    MAX_PRESSURE:long_name = "Maximum pressure of profiles " ;
    MAX_PRESSURE:convention = "in decibars" ;
    MAX_PRESSURE:FillValue = -9999.f ;
    MAX_PRESSURE:valid_min = 0. ;

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        MAX_PRESSURE:valid_max = 15000. ;
float MAX_VALUE_PARAM_REF(N_PROF) ;
        MAX_VALUE_PARAM_REF:long_name = "Reference Parameter : max value of each profile" ;
        MAX_VALUE_PARAM_REF:_FillValue = -9999.f ;
float PRES(N_PROF, N_LEVELS) ;
        PRES:long_name = "Sea Pressure" ;
        PRES:units = "decibar" ;
        PRES:Valid_min = 0. ;
        PRES:Valid_max = 15000. ;
        PRES:_FillValue = -9999.f ;
float PRES_PREC(N_PROF) ;
        PRES_PREC:long_name = "Sea Pressure precision" ;
        PRES_PREC:_FillValue = -9999.f ;
float TEMP(N_PROF, N_LEVELS) ;
        TEMP:long_name = "In situ temperature ITS-90" ;
        TEMP:units = "degree celsius" ;
        TEMP:Valid_min = -2. ;
        TEMP:Valid_max = 40. ;
        TEMP:_FillValue = -9999.f ;
float TEMP_PREC(N_PROF) ;
        TEMP_PREC:long_name = "In situ temperature ITS-90 precision" ;
        TEMP_PREC:_FillValue = -9999.f ;
float COND(N_PROF, N_LEVELS) ;
        COND:long_name = "Conductivity" ;
        COND:units = "mS/cm" ;
        COND:Valid_min = 0. ;
        COND:Valid_max = 60. ;
        COND:_FillValue = -9999.f ;
float COND_PREC(N_PROF) ;
        COND_PREC:long_name = "Conductivity precision" ;
        COND_PREC:_FillValue = -9999.f ;
float PSAL(N_PROF, N_LEVELS) ;
        PSAL:long_name = "Practical Salinity PSS78" ;
        PSAL:units = "psu" ;
        PSAL:Valid_min = 0. ;
        PSAL:Valid_max = 60. ;
        PSAL:_FillValue = -9999.f ;
float PSAL_PREC(N_PROF) ;
        PSAL_PREC:long_name = "Practical Salinity PSS78 precision" ;
        PSAL_PREC:_FillValue = -9999.f ;
float OXYL(N_PROF, N_LEVELS) ;
        OXYL:long_name = "Dissolved oxygen concentration" ;
        OXYL:units = "ml/l" ;
        OXYL:Valid_min = 0. ;
        OXYL:Valid_max = 40. ;
        OXYL:_FillValue = -9999.f ;
float OXYL_PREC(N_PROF) ;
        OXYL_PREC:long_name = "Dissolved oxygen concentration precision" ;
        OXYL_PREC:_FillValue = -9999.f ;
float OXYK(N_PROF, N_LEVELS) ;
        OXYK:long_name = "Dissolved oxygen concentration" ;
        OXYK:units = "micromol/kg" ;
        OXYK:Valid_min = 0. ;
        OXYK:Valid_max = 600. ;
        OXYK:_FillValue = -9999.f ;
float OXYK_PREC(N_PROF) ;

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        OXYK_PREC:long_name = "Dissolved oxygen concentration precision" ;
        OXYK_PREC:_FillValue = -9999.f ;
float TPOT(N_PROF, N_LEVELS) ;
    TPOT:long_name = "Potential Temperature" ;
    TPOT:units = "degree celsius" ;
    TPOT:Valid_min = -2. ;
    TPOT:Valid_max = 40. ;
    TPOT:_FillValue = -9999.f ;
float TPOT_PREC(N_PROF) ;
    TPOT_PREC:long_name = "Potential Temperature precision" ;
    TPOT_PREC:_FillValue = -9999.f ;
float SIGI(N_PROF, N_LEVELS) ;
    SIGI:long_name = "In-situ density anomaly" ;
    SIGI:units = "kg/m**3" ;
    SIGI:Valid_min = 0. ;
    SIGI:Valid_max = 100. ;
    SIGI:_FillValue = -9999.f ;
float SIGI_PREC(N_PROF) ;
    SIGI_PREC:long_name = "In-situ density anomaly precision" ;
    SIGI_PREC:_FillValue = -9999.f ;
float DEPH(N_PROF, N_LEVELS) ;
    DEPH:long_name = "Vertical coordinate (positive) from local density" ;
    DEPH:units = "meter" ;
    DEPH:Valid_min = 0. ;
    DEPH:Valid_max = 15000. ;
    DEPH:_FillValue = -9999.f ;
float DEPH_PREC(N_PROF) ;
    DEPH_PREC:long_name = "Vertical coordinate (positive) from local density precision" ;
    DEPH_PREC:_FillValue = -9999.f ;
float ZCOO(N_PROF, N_LEVELS) ;
    ZCOO:long_name = "Vertical coordinate (negative) from local density" ;
    ZCOO:units = "meter" ;
    ZCOO:Valid_min = -15000. ;
    ZCOO:Valid_max = 0. ;
    ZCOO:_FillValue = -9999.f ;
float ZCOO_PREC(N_PROF) ;
    ZCOO_PREC:long_name = "Vertical coordinate (negative) from local density precision" ;
    ZCOO_PREC:_FillValue = -9999.f ;
float IMMR(N_PROF, N_LEVELS) ;
    IMMR:long_name = "Depth below sea surface (UNESCO)" ;
    IMMR:units = "meter" ;
    IMMR:Valid_min = 0. ;
    IMMR:Valid_max = 15000. ;
    IMMR:_FillValue = -9999.f ;
float IMMR_PREC(N_PROF) ;
    IMMR_PREC:long_name = "Depth below sea surface (UNESCO) precision" ;
    IMMR_PREC:_FillValue = -9999.f ;
float DYNH(N_PROF, N_LEVELS) ;
    DYNH:long_name = "Dynamical height" ;
    DYNH:units = "dynamical meter" ;
    DYNH:Valid_min = -100. ;
    DYNH:Valid_max = 100. ;
    DYNH:_FillValue = -9999.f ;
float DYNH_PREC(N_PROF) ;
    DYNH_PREC:long_name = "Dynamical height precision" ;
    DYNH_PREC:_FillValue = -9999.f ;

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float VSON(N_PROF, N_LEVELS) ;
    VSON:long_name = "Sound Speed (CHEN)" ;
    VSON:units = "m/s" ;
    VSON:Valid_min = 1000. ;
    VSON:Valid_max = 2000. ;
    VSON:_FillValue = -9999.f ;
float VSON_PREC(N_PROF) ;
    VSON_PREC:long_name = "Sound Speed (CHEN) precision" ;
    VSON_PREC:_FillValue = -9999.f ;
float SSDG(N_PROF, N_LEVELS) ;
    SSDG:long_name = "Sound Speed Del Grosso formula" ;
    SSDG:units = "m/s" ;
    SSDG:Valid_min = 1000. ;
    SSDG:Valid_max = 2000. ;
    SSDG:_FillValue = -9999.f ;
float SSDG_PREC(N_PROF) ;
    SSDG_PREC:long_name = "Sound Speed Del Grosso formula precision" ;
    SSDG_PREC:_FillValue = -9999.f ;
float SIG0(N_PROF, N_LEVELS) ;
    SIG0:long_name = "Density anomaly referenced to P=0" ;
    SIG0:units = "kg/m**3" ;
    SIG0:Valid_min = 0. ;
    SIG0:Valid_max = 100. ;
    SIG0:_FillValue = -9999.f ;
float SIG0_PREC(N_PROF) ;
    SIG0_PREC:long_name = "Density anomaly referenced to P=0 precision" ;
    SIG0_PREC:_FillValue = -9999.f ;
float SIG1(N_PROF, N_LEVELS) ;
    SIG1:long_name = "Density anomaly referenced to P=1000" ;
    SIG1:units = "kg/m**3" ;
    SIG1:Valid_min = 0. ;
    SIG1:Valid_max = 100. ;
    SIG1:_FillValue = -9999.f ;
float SIG1_PREC(N_PROF) ;
    SIG1_PREC:long_name = "Density anomaly referenced to P=1000 precision" ;
    SIG1_PREC:_FillValue = -9999.f ;
float SIG2(N_PROF, N_LEVELS) ;
    SIG2:long_name = "Density anomaly referenced to P=2000" ;
    SIG2:units = "kg/m**3" ;
    SIG2:Valid_min = 0. ;
    SIG2:Valid_max = 100. ;
    SIG2:_FillValue = -9999.f ;
float SIG2_PREC(N_PROF) ;
    SIG2_PREC:long_name = "Density anomaly referenced to P=2000 precision" ;
    SIG2_PREC:_FillValue = -9999.f ;
float SIG3(N_PROF, N_LEVELS) ;
    SIG3:long_name = "Density anomaly referenced to P=3000" ;
    SIG3:units = "kg/m**3" ;
    SIG3:Valid_min = 0. ;
    SIG3:Valid_max = 100. ;
    SIG3:_FillValue = -9999.f ;
float SIG3_PREC(N_PROF) ;
    SIG3_PREC:long_name = "Density anomaly referenced to P=3000 precision" ;
    SIG3_PREC:_FillValue = -9999.f ;
float SIG4(N_PROF, N_LEVELS) ;
    SIG4:long_name = "Density anomaly referenced to P=4000" ;

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    SIG4:units = "kg/m**3" ;
    SIG4:Valid_min = 0. ;
    SIG4:Valid_max = 100. ;
    SIG4:_FillValue = -9999.f ;
float SIG4_PREC(N_PROF) ;
    SIG4_PREC:long_name = "Density anomaly referenced to P=4000 precision" ;
    SIG4_PREC:_FillValue = -9999.f ;
float SIG5(N_PROF, N_LEVELS) ;
    SIG5:long_name = "Density anomaly referenced to P=5000" ;
    SIG5:units = "kg/m**3" ;
    SIG5:Valid_min = 0. ;
    SIG5:Valid_max = 100. ;
    SIG5:_FillValue = -9999.f ;
float SIG5_PREC(N_PROF) ;
    SIG5_PREC:long_name = "Density anomaly referenced to P=5000 precision" ;
    SIG5_PREC:_FillValue = -9999.f ;
float SIG6(N_PROF, N_LEVELS) ;
    SIG6:long_name = "Density anomaly referenced to P=6000" ;
    SIG6:units = "kg/m**3" ;
    SIG6:Valid_min = 0. ;
    SIG6:Valid_max = 100. ;
    SIG6:_FillValue = -9999.f ;
float SIG6_PREC(N_PROF) ;
    SIG6_PREC:long_name = "Density anomaly referenced to P=6000 precision" ;
    SIG6_PREC:_FillValue = -9999.f ;
float SI15(N_PROF, N_LEVELS) ;
    SI15:long_name = "Density anomaly referenced to P=1500" ;
    SI15:units = "kg/m**3" ;
    SI15:Valid_min = 0. ;
    SI15:Valid_max = 100. ;
    SI15:_FillValue = -9999.f ;
float SI15_PREC(N_PROF) ;
    SI15_PREC:long_name = "Density anomaly referenced to P=1500 precision" ;
    SI15_PREC:_FillValue = -9999.f ;
float FBRV(N_PROF, N_LEVELS) ;
    FBRV:long_name = "Brunt Vaisala Frequency" ;
    FBRV:units = "rad/s" ;
    FBRV:Valid_min = -1. ;
    FBRV:Valid_max = 1. ;
    FBRV:_FillValue = -9999.f ;
float FBRV_PREC(N_PROF) ;
    FBRV_PREC:long_name = "Brunt Vaisala Frequency precision" ;
    FBRV_PREC:_FillValue = -9999.f ;
float BRV2(N_PROF, N_LEVELS) ;
    BRV2:long_name = "Brunt Vaisala Frequency squared" ;
    BRV2:units = "(rad/s)**2" ;
    BRV2:Valid_min = -1. ;
    BRV2:Valid_max = 1. ;
    BRV2:_FillValue = -9999.f ;
float BRV2_PREC(N_PROF) ;
    BRV2_PREC:long_name = "Brunt Vaisala Frequency squared precision" ;
    BRV2_PREC:_FillValue = -9999.f ;
float VORP(N_PROF, N_LEVELS) ;
    VORP:long_name = "Planetary Vorticity (f/h)" ;
    VORP:units = "(m*s)**(-1)" ;
    VORP:Valid_min = -1. ;

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        VORP:Valid_max = 1. ;
        VORP:FillValue = -9999.f ;
float VORP_PREC(N_PROF) ;
        VORP_PREC:long_name = "Planetary Vorticity (f/h) precision" ;
        VORP_PREC:FillValue = -9999.f ;
float PARAM_REF(N_LEVELS) ;
        PARAM_REF:long_name = "Sea Pressure" ;
        PARAM_REF:units = "decibar" ;
        PARAM_REF:Valid_min = 0. ;
        PARAM_REF:Valid_max = 15000. ;
        PARAM_REF:FillValue = -9999.f ;
char STATION_PARAMETER_CHIM(N_PARAM_CHIM, STRING7) ;
        STATION_PARAMETER_CHIM:long_name = "List of available parameters for the station" ;
        STATION_PARAMETER_CHIM:FillValue = " " ;
char BOTTLE_VOL(N_PROF, STRING7) ;
        BOTTLE_VOL:long_name = "Volume of the bottles" ;
        BOTTLE_VOL:FillValue = " " ;
char ROSETTE_TYPE(N_PROF, STRING30) ;
        ROSETTE_TYPE:long_name = "Type of the rosette" ;
        ROSETTE_TYPE:FillValue = " " ;
float CHPRESP(N_PROF, N_BOTTLES) ;
        CHPRESP:long_name = "Probe sea pressure" ;
        CHPRESP:units = "decibar" ;
        CHPRESP:valid_min = 0. ;
        CHPRESP:valid_max = 15000. ;
        CHPRESP:FillValue = -9999.f ;
float CHPRESP_QC(N_PROF, N_BOTTLES) ;
        CHPRESP_QC:long_name = "Probe sea pressure flag" ;
        CHPRESP_QC:FillValue = -9999.f ;
char CHPRESP_RESP(N_PROF, STRING30) ;
        CHPRESP_RESP:long_name = "Responsible name of Probe sea pressure" ;
        CHPRESP_RESP:FillValue = " " ;
char CHPRESP_RESP_ORG(N_PROF, STRING30) ;
        CHPRESP_RESP_ORG:long_name = "Organism of the responsible of Probe sea pressure" ;
        CHPRESP_RESP_ORG:FillValue = " " ;
float CHPRESP_PREC(N_PROF) ;
        CHPRESP_PREC:long_name = "Precision of Probe sea pressure" ;
        CHPRESP_PREC:FillValue = -9999.f ;
float CHTEMPP(N_PROF, N_BOTTLES) ;
        CHTEMPP:long_name = "Probe in situ temperature ITS-90" ;
        CHTEMPP:units = "degree celsius" ;
        CHTEMPP:valid_min = -2. ;
        CHTEMPP:valid_max = 40. ;
        CHTEMPP:FillValue = -9999.f ;
float CHTEMPP_QC(N_PROF, N_BOTTLES) ;
        CHTEMPP_QC:long_name = "Probe in situ temperature ITS-90 flag" ;
        CHTEMPP_QC:FillValue = -9999.f ;
char CHTEMPP_RESP(N_PROF, STRING30) ;
        CHTEMPP_RESP:long_name = "Responsible name of Probe in situ temperature ITS-90" ;
        CHTEMPP_RESP:FillValue = " " ;
char CHTEMPP_RESP_ORG(N_PROF, STRING30) ;
        CHTEMPP_RESP_ORG:long_name = "Organism of the responsible of Probe in situ temperature
ITS-90" ;
        CHTEMPP_RESP_ORG:FillValue = " " ;
float CHTEMPP_PREC(N_PROF) ;
        CHTEMPP_PREC:long_name = "Precision of Probe in situ temperature ITS-90" ;

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        CHTEMP_PPREC:_FillValue = -9999.f;
float CHPSALB(N_PROF, N_BOTTLES);
    CHPSALB:long_name = "Bottle Practical Salinity PSS78";
    CHPSALB:units = "psu";
    CHPSALB:valid_min = 0.;
    CHPSALB:valid_max = 60.;
    CHPSALB:_FillValue = -9999.f;
float CHPSALB_QC(N_PROF, N_BOTTLES);
    CHPSALB_QC:long_name = "Bottle Practical Salinity PSS78 flag";
    CHPSALB_QC:_FillValue = -9999.f;
char CHPSALB_RESP(N_PROF, STRING30);
    CHPSALB_RESP:long_name = "Responsible name of Bottle Practical Salinity PSS78";
    CHPSALB_RESP:_FillValue = " ";
char CHPSALB_RESP_ORG(N_PROF, STRING30);
    CHPSALB_RESP_ORG:long_name = "Organism of the responsible of Bottle Practical Salinity
PSS78";
    CHPSALB_RESP_ORG:_FillValue = " ";
float CHPSALB_PREC(N_PROF);
    CHPSALB_PREC:long_name = "Precision of Bottle Practical Salinity PSS78";
    CHPSALB_PREC:_FillValue = -9999.f;
float CHPSALP(N_PROF, N_BOTTLES);
    CHPSALP:long_name = "Probe Practical Salinity PSS78";
    CHPSALP:units = "psu";
    CHPSALP:valid_min = 0.;
    CHPSALP:valid_max = 60.;
    CHPSALP:_FillValue = -9999.f;
float CHPSALP_QC(N_PROF, N_BOTTLES);
    CHPSALP_QC:long_name = "Probe Practical Salinity PSS78 flag";
    CHPSALP_QC:_FillValue = -9999.f;
char CHPSALP_RESP(N_PROF, STRING30);
    CHPSALP_RESP:long_name = "Responsible name of Probe Practical Salinity PSS78";
    CHPSALP_RESP:_FillValue = " ";
char CHPSALP_RESP_ORG(N_PROF, STRING30);
    CHPSALP_RESP_ORG:long_name = "Organism of the responsible of Probe Practical Salinity
PSS78";
    CHPSALP_RESP_ORG:_FillValue = " ";
float CHPSALP_PREC(N_PROF);
    CHPSALP_PREC:long_name = "Precision of Probe Practical Salinity PSS78";
    CHPSALP_PREC:_FillValue = -9999.f;
float CHOXYLB(N_PROF, N_BOTTLES);
    CHOXYLB:long_name = "Bottle dissolved oxygen concentration";
    CHOXYLB:units = "ml/l";
    CHOXYLB:valid_min = 0.;
    CHOXYLB:valid_max = 40.;
    CHOXYLB:_FillValue = -9999.f;
float CHOXYLB_QC(N_PROF, N_BOTTLES);
    CHOXYLB_QC:long_name = "Bottle dissolved oxygen concentration flag";
    CHOXYLB_QC:_FillValue = -9999.f;
char CHOXYLB_RESP(N_PROF, STRING30);
    CHOXYLB_RESP:long_name = "Responsible name of Bottle dissolved oxygen concentration";
    CHOXYLB_RESP:_FillValue = " ";
char CHOXYLB_RESP_ORG(N_PROF, STRING30);
    CHOXYLB_RESP_ORG:long_name = "Organism of the responsible of Bottle dissolved oxygen
concentration";
    CHOXYLB_RESP_ORG:_FillValue = " ";
float CHOXYLB_PREC(N_PROF);

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        CHOXYLB_PREC:long_name = "Precision of Bottle dissolved oxygen concentration" ;
        CHOXYLB_PREC:_FillValue = -9999.f ;
float CHOXYLP(N_PROF, N_BOTTLES) ;
        CHOXYLP:long_name = "Probe dissolved oxygen concentration" ;
        CHOXYLP:units = "ml/l" ;
        CHOXYLP:valid_min = 0. ;
        CHOXYLP:valid_max = 40. ;
        CHOXYLP:_FillValue = -9999.f ;
float CHOXYLP_QC(N_PROF, N_BOTTLES) ;
        CHOXYLP_QC:long_name = "Probe dissolved oxygen concentration flag" ;
        CHOXYLP_QC:_FillValue = -9999.f ;
char CHOXYLP_RESP(N_PROF, STRING30) ;
        CHOXYLP_RESP:long_name = "Responsible name of Probe dissolved oxygen concentration" ;
        CHOXYLP_RESP:_FillValue = " " ;
char CHOXYLP_RESP_ORG(N_PROF, STRING30) ;
        CHOXYLP_RESP_ORG:long_name = "Organism of the responsible of Probe dissolved oxygen
concentration" ;
        CHOXYLP_RESP_ORG:_FillValue = " " ;
float CHOXYLP_PREC(N_PROF) ;
        CHOXYLP_PREC:long_name = "Precision of Probe dissolved oxygen concentration" ;
        CHOXYLP_PREC:_FillValue = -9999.f ;
float CHOXYKB(N_PROF, N_BOTTLES) ;
        CHOXYKB:long_name = "Bottle dissolved oxygen concentration" ;
        CHOXYKB:units = "micromol/kg" ;
        CHOXYKB:valid_min = 0. ;
        CHOXYKB:valid_max = 600. ;
        CHOXYKB:_FillValue = -9999.f ;
float CHOXYKB_QC(N_PROF, N_BOTTLES) ;
        CHOXYKB_QC:long_name = "Bottle dissolved oxygen concentration flag" ;
        CHOXYKB_QC:_FillValue = -9999.f ;
char CHOXYKB_RESP(N_PROF, STRING30) ;
        CHOXYKB_RESP:long_name = "Responsible name of Bottle dissolved oxygen concentration" ;
        CHOXYKB_RESP:_FillValue = " " ;
char CHOXYKB_RESP_ORG(N_PROF, STRING30) ;
        CHOXYKB_RESP_ORG:long_name = "Organism of the responsible of Bottle dissolved oxygen
concentration" ;
        CHOXYKB_RESP_ORG:_FillValue = " " ;
float CHOXYKB_PREC(N_PROF) ;
        CHOXYKB_PREC:long_name = "Precision of Bottle dissolved oxygen concentration" ;
        CHOXYKB_PREC:_FillValue = -9999.f ;
float CHOXYKP(N_PROF, N_BOTTLES) ;
        CHOXYKP:long_name = "Probe dissolved oxygen concentration" ;
        CHOXYKP:units = "micromol/kg" ;
        CHOXYKP:valid_min = 0. ;
        CHOXYKP:valid_max = 600. ;
        CHOXYKP:_FillValue = -9999.f ;
float CHOXYKP_QC(N_PROF, N_BOTTLES) ;
        CHOXYKP_QC:long_name = "Probe dissolved oxygen concentration flag" ;
        CHOXYKP_QC:_FillValue = -9999.f ;
char CHOXYKP_RESP(N_PROF, STRING30) ;
        CHOXYKP_RESP:long_name = "Responsible name of Probe dissolved oxygen concentration" ;
        CHOXYKP_RESP:_FillValue = " " ;
char CHOXYKP_RESP_ORG(N_PROF, STRING30) ;
        CHOXYKP_RESP_ORG:long_name = "Organism of the responsible of Probe dissolved oxygen
concentration" ;
        CHOXYKP_RESP_ORG:_FillValue = " " ;

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float CHOXYKP_PREC(N_PROF) ;
    CHOXYKP_PREC:long_name = "Precision of Probe dissolved oxygen concentration" ;
    CHOXYKP_PREC:_FillValue = -9999.f ;
float CHTMPOB(N_PROF, N_BOTTLES) ;
    CHTMPOB:long_name = "Oxygen sample temperature ITS-90" ;
    CHTMPOB:units = "degree celsius" ;
    CHTMPOB:valid_min = -2. ;
    CHTMPOB:valid_max = 40. ;
    CHTMPOB:_FillValue = -9999.f ;
float CHTMPOB_QC(N_PROF, N_BOTTLES) ;
    CHTMPOB_QC:long_name = "Oxygen sample temperature ITS-90 flag" ;
    CHTMPOB_QC:_FillValue = -9999.f ;
char CHTMPOB_RESP(N_PROF, STRING30) ;
    CHTMPOB_RESP:long_name = "Responsible name of Oxygen sample temperature ITS-90" ;
    CHTMPOB_RESP:_FillValue = " " ;
char CHTMPOB_RESP_ORG(N_PROF, STRING30) ;
    CHTMPOB_RESP_ORG:long_name = "Organism of the responsible of Oxygen sample temperature
ITS-90" ;
    CHTMPOB_RESP_ORG:_FillValue = " " ;
float CHTMPOB_PREC(N_PROF) ;
    CHTMPOB_PREC:long_name = "Precision of Oxygen sample temperature ITS-90" ;
    CHTMPOB_PREC:_FillValue = -9999.f ;

// global attributes:
:Data_type = "CTD" ;
:Format_version = "Post CADHYAC 1.0-2014 " ;
:Reference_date_time = "19500101000000" ;
:Reference_param = "PRES" ;
:Project_name = "OVIDE" ;
>Date_creation = "20140325131208" ;
>Last_update = "20140325131208" ;
:Start_date = "20100609034333" ;
:Stop_date = "20100701104800" ;
:South_latitude = 40.3305 ;
:North_latitude = 59.91284 ;
:West_longitude = -46.083 ;
:East_longitude = -8.16334 ;
:Coord_system = "GEOGRAPHICAL-WGS84" ;
:Data_level = "L2B" ;
:CHEMISTRY_PARAMETERS = "Y" ;
}

```