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netcdf pimep-mdb-final_satelliteID_mooring_TIMEID_v02 {

dimensions:
      TIME_MOORING = 112873;
      N_moorings = 152;
      STRING17 = 17;
      TIME_Satellite = UNLIMITED ; // (4672 currently)

variables:

float DATE(TIME_MOORING) ;
      :long_name = "Mooring time" ;
      :units = "days since 1990-01-01 00:00:00" ;
      :standard_name = "time" ;
      :_FillValue = -999.f ;

float LATITUDE(N_moorings=152) ;
      :long_name = "Mooring latitude" ;
      :units = "degrees_north" ;
      :valid_min = -90. ;
      :valid_max = 90. ;
      :standard_name = "latitude" ;
      :_FillValue = -999.f ;

float LONGITUDE(N_moorings=152) ;
      :long_name = "Mooring longitude" ;
      :units = "degrees_east" ;
      :valid_min = -180. ;
      :valid_max = 180. ;
      :standard_name = "longitude" ;
      :_FillValue = -999.f ;

float SSS_DEPTH(N_moorings=152) ;
      :long_name = "Mooring SSS Depth" ;
      :units = "m" ;
      :_FillValue = -999.f ;

float SSS(TIME_MOORING, N_moorings=152) ;
      :long_name = "Mooring SSS" ;
      :units = "1" ;
      :salinity_scale = "Practical Salinity Scale(PSS-78)" ;
      :standard_name = "sea_water_salinity" ;
      :_FillValue = -999.f ;

float SSS_FILTERED(TIME_Satellite, N_moorings=152) ;
      :long_name = "Median filtered Mooring SSS at Satellite temporal resolution" ;
      :units = "1" ;
      :salinity_scale = "Practical Salinity Scale(PSS-78)" ;
      :standard_name = "sea_water_salinity" ;
```

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        :_FillValue = -999.f ;

float SSS_QC_MOORING(TIME_MOORING, N_moorings=152) ;
        :long_name = "Mooring SSS Quality indices (Highest Quality=1, Default Quality=2, Ad-
justed Data=3, Lower Quality=4)" ;
        :units = "1" ;
        :_FillValue = -999.0f ;

float DISTANCE_TO_COAST(N_moorings=152) ;
        :long_name = "Distance to coasts at mooring location" ;
        :units = "km" ;
        :_FillValue = -999.f ;

float DATE_Satellite_product(TIME_Satellite, N_moorings=152) ;
        :long_name = "Central time of satellite SSS file" ;
        :units = "days since 1990-01-01 00:00:00" ;
        :standard_name = "time" ;

float LATITUDE_Satellite_product(TIME_Satellite, N_moorings=152) ;
        :long_name = "Satellite product latitude at mooring location" ;
        :units = "degrees_north" ;
        :valid_min = -90. ;
        :valid_max = 90. ;
        :standard_name = "latitude" ;
        :_FillValue = -999.f ;

float LONGITUDE_Satellite_product(TIME_Satellite, N_moorings=152) ;
        :long_name = "Satellite product longitude at mooring location" ;
        :units = "degrees_east" ;
        :valid_min = -180. ;
        :valid_max = 180. ;
        :standard_name = "longitude" ;
        :_FillValue = -999.f ;

float SSS_Satellite_product(TIME_Satellite, N_moorings=152) ;
        :long_name = "Satellite product SSS at mooring location" ;
        :units = "1" ;
        :salinity_scale = "Practical Salinity Scale(PSS-78)" ;
        :standard_name = "sea_surface_salinity" ;
        :_FillValue = -999.f ;

float SST_Satellite_product(TIME_Satellite, N_moorings=152) ;
        :long_name = "Satellite product SST at mooring location" ;
        :units = "degree Celsius" ;
        :standard_name = "sea_surface_temperature" ;
        :_FillValue = -999.f ;

float Spatial_lags(TIME_Satellite, N_moorings=152) ;
        :long_name = "Spatial lag between mooring location and satellite SSS product pixel center"
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;
    :units = "km" ;
    :_FillValue = -999.f ;

char NAME(STRING17=17, N_moorings=152) ;
    :long_name = "Mooring name" ;

float SSS_HYCOM(TIME_MOORING=112873, N_moorings=152) ;
    :long_name = "HYCOM SSS (depth=0m) from GLBu0.08 at mooring location" ;
    :units = "1" ;
    :salinity_scale = "Practical Salinity Scale (PSS-78)" ;
    :standard_name = "sea_surface_salinity" ;
    :_FillValue = -999.0f ;

float SSS_MERCATOR(TIME_MOORING=112873, N_moorings=152) ;
    :long_name = "MERCATOR SSS (depth=0.5m) from CMEMS (GLOBAL_ANALYSIS_FORECAST_PHY_001_02
at mooring location" ;
    :units = "1" ;
    :salinity_scale = "Practical Salinity Scale (PSS-78)" ;
    :standard_name = "sea_surface_salinity" ;
    :_FillValue = -999.0f ;

float SSS_ISAS(TIME_MOORING=112873, N_moorings=152) ;
    :long_name = "ISAS SSS (5m depth) at mooring location" ;
    :units = "1" ;
    :salinity_scale = "Practical Salinity Scale (PSS-78)" ;
    :standard_name = "sea_surface_salinity" ;
    :source = "https://doi.org/10.17882/46219" ;
    :_FillValue = -999.0f ;

float SSS_ECCO(TIME_MOORING=112873, N_moorings=152) ;
    :long_name = "ECCO (v4r4) SSS (5m depth) at mooring location" ;
    :units = "1" ;
    :salinity_scale = "Practical Salinity Scale (PSS-78)" ;
    :standard_name = "sea_surface_salinity" ;
    :_FillValue = -999.0f ;

// global attributes:
    :Conventions = "CF-1.8" ;
    :title = "Mooring Match-Up Database" ;
    :Satellite_product_name = "Satellite Name" ;
    :Satellite_product_spatial_resolution = "satellitespatialres" ;
    :Satellite_product_temporal_resolution = "satellitetemporalres" ;
    :Satellite_product_filename = "satellitefilename" ;
    :Match-Up_spatial_window_radius_in_km = colocdx ;
    :Match-Up_temporal_window_radius_in_days = colocdt ;
    :start_time = "20100114T000005Z" ;
    :stop_time = "20100118T235026Z" ;
    :northernmost_latitude = 50.1f ;
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        :sourthenmost_latitude = -25.0f ;
        :westernmost_longitude = -170.0f ;
        :easternmost_longitude = 180.f ;
        :geospatial_lat_units = "degrees north" ;
        :geospatial_lat_resolution = "satellitespatialres" ;
        :geospatial_lon_units = "degrees east" ;
        :geospatial_lon_resolution = "satellitespatialres" ;
        :institution = "ESA-IFREMER-ODL-OCEANSCOPE" ;
        :project_name = "SMOS Pilot-Mission Exploitation Platform (Pi-MEP) for salinity" ;
        :project_url = "https://www.salinity-pimep.org" ;
        :license = "Pi-MEP data use is free and open" ;
        :product_version = "2.0" ;
        :keywords = "Oceans > Ocean Salinity > Sea Surface Salinity" ;
        :acknowledgment = "Please acknowledge the use of these data with the following state-
ment: These data were provided by the SMOS Pilot-Mission Exploitation Platform (Pi-MEP)
for salinity" ;
        :references = "https://www.salinity-pimep.org";
        :doi = "https://doi.org/10.3390/rs13224600";
        :source = " " ;
        :In_situ_data_source = "urlinsitu" ;
        :references = "https://www.salinity-pimep.org" ;
        :history = "Processed on 2022-04-18 using MDB_generator" ;
        :date_created = "2022-04-18 17:09:30" ;
}
```