

```

"""
Few terms:

Daily Data: User upload data for their ship daily on Aranti. Data is right now in the form of Excel file.

"""

"""
Stores all static data about each ship. There are around 50 types of static fields for
each of the ship, like length, year, port etc. Those are stored here.

Also, each ship might have different machinery, say about 10 systems with total 200 fields which we
will receive daily in form of excel file. So field 'data_available' will have list of all those fields
which are expected to receive daily.

Suppose user wants to add new machinery to their ship i.e. he wants to upload new kind of daily data.
Say new cooler is fitted, then this 'data_available' should be modified.

Each time when preprocessor code will be running, it will check this 'data_available' field to see which of the
fields to extract from dailydata.

A new ship document will be added to this collection once new ship is onboarded on Aranti.

"""

ship_metal = {
    "ship_imo":987654, #MongoDB Index Field. Single Index
    "ship_name":"RMT Courier",
    "added_on": Date("2016-05-18T16:00:00Z"),#Date when ship was added
    "grt":1234, #static field #1
    "length":1234, #static field #2
    "50th_field":1234 #Upto 50 static fields of ship data like above two.
    "data_available_nav": ['rpm','speed','w_force'],
    "data_available_engine": ['er_temp','er_hum','jwcl_fwin_temp'],
}

```