# -> Navantia

User case of complex Programme Planning and Scheduling: S-80 Submarines at Navantia Forum Safran 2023

> Cristina Sancho Berlanga S-80 Programme Planning Manager



The programme

The planning department

The tools





NAVANTIA a 100% state-owned naval technology company

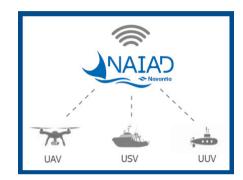
Leading company in the defence sector

More of 300 YEARS of experience

Strategic for Spanish Defence

Exports to over 25 countries

More than 5000 professionals



**Business areas** 



S-80 Submarines at Navantia

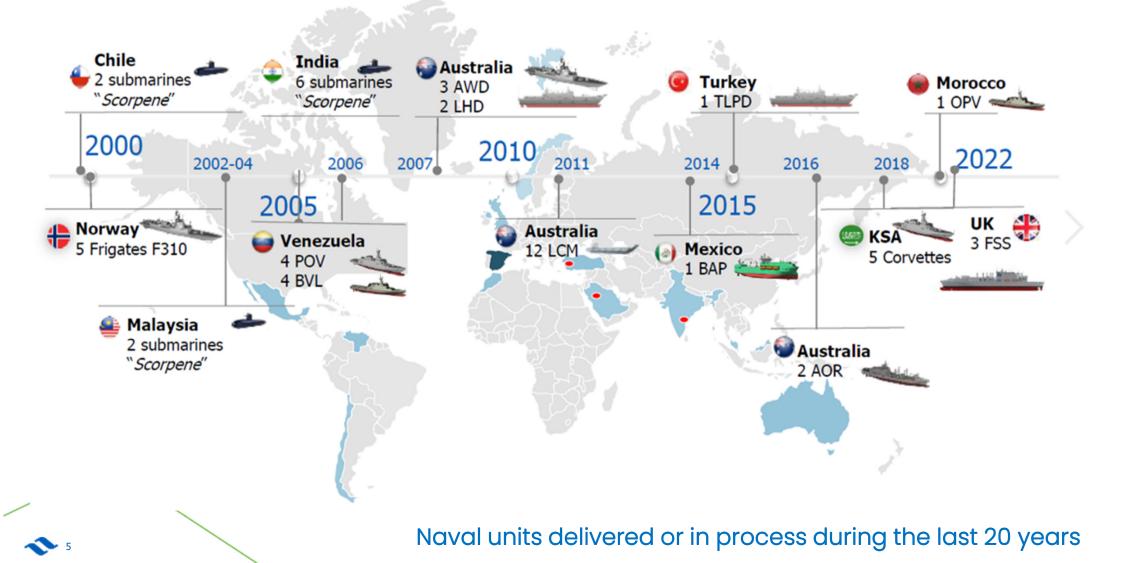
# The company

### National: main supplier for the Spanish Navy

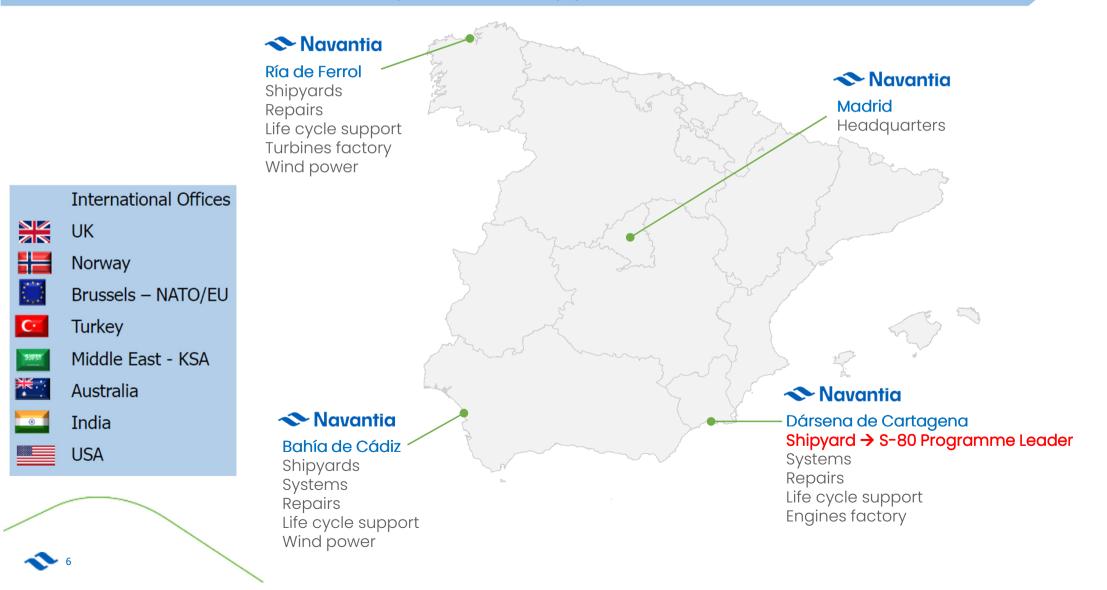


Naval units delivered or in process during the last 20 years

### International: permanently offering support to more than 25 countries



### Facilities: three locations in Spain with shipyards and other infraestructure



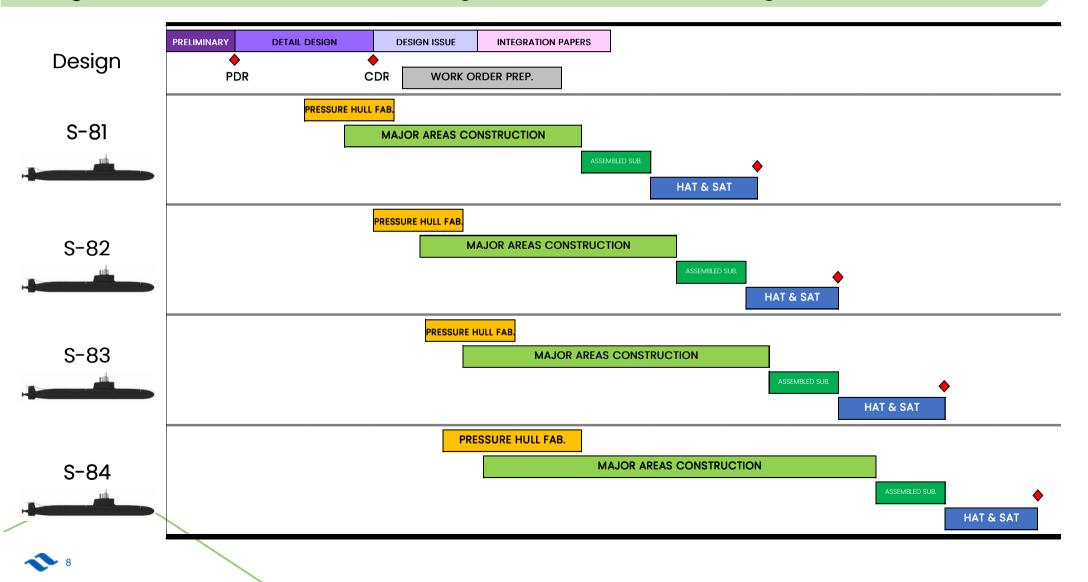
# The programme

Programme S-80: interrelated multidisciplinary Projects handled by different facilities



# The programme

#### Programme S-80: consists of the design, construction and testing of 4 submarines



#### S-80 Submarines at Navantia



Main functions and responsibilities

Develop the Program Planning

Establish the Baseline/s to measure against and assess Projects performance

Identify and highlight risks and opportunities

Ensure that all areas involved in the process are included in the plan

Define WBS structures, assign budget and verify traceability

Monitor Project development

### The planning department

Main planning areas

Engineering

Functional design 3D model and design publishing

Production Engineering and Production Management

Building strategy Work order preparation and material availability checks

Procurement

Order placement Materials reception

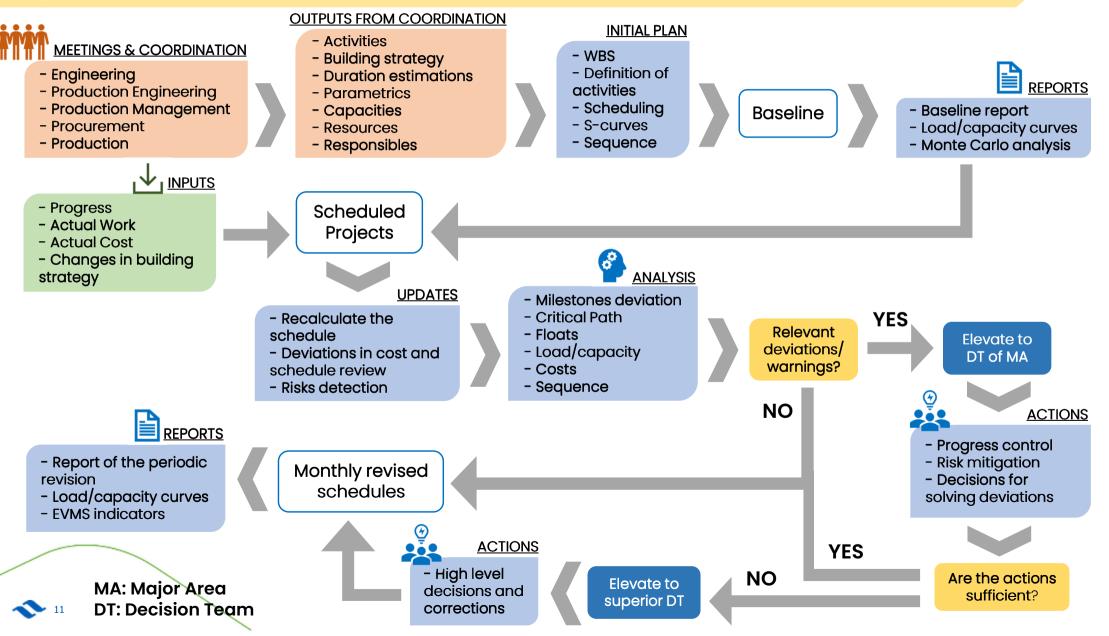
Production

Pressure hull and steel fabrication, elements assembly Ship testing

#### S-80 Submarines at Navantia

### The planning department

#### **Our workflow**



### The planning department

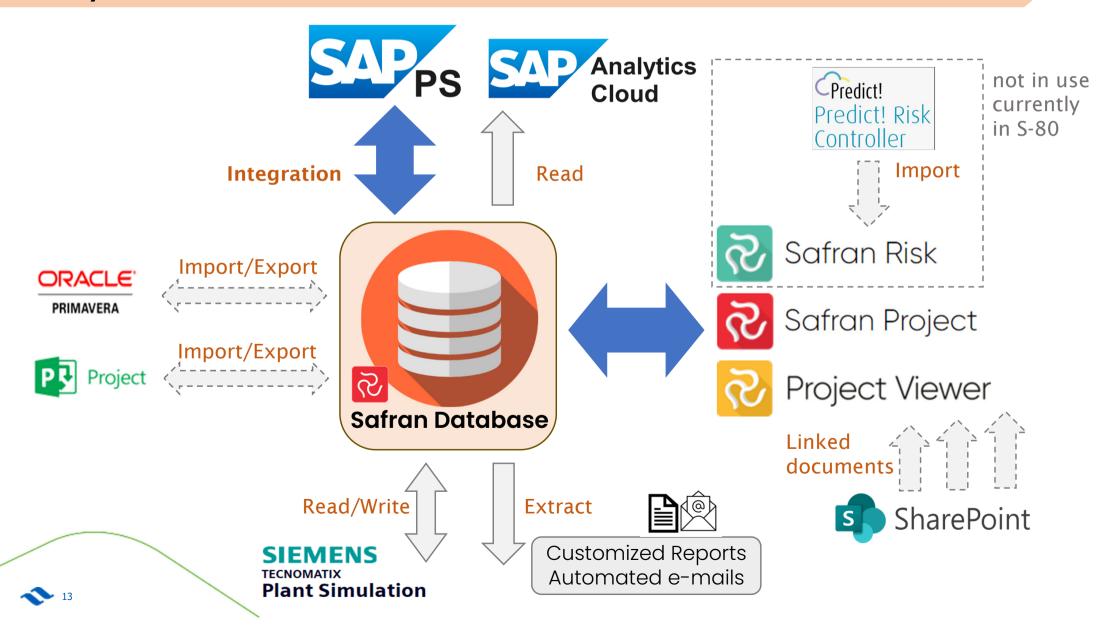
### A briefer summary of our workflow

### 🕣 IN

- Building Strategy
- Historic data (Budget and durations)
- Shipyard capacities & capabilities
- Actual data

- Updated plan
- Load capacity curves
- Need dates for materials
- Planning reliability
- Mitigation actions
  - OUT

**Ecosystem of Safran and other tools** 



"Special" features used by Navantia to present today:

1. Integration SAP - Safran

2. Project Groups

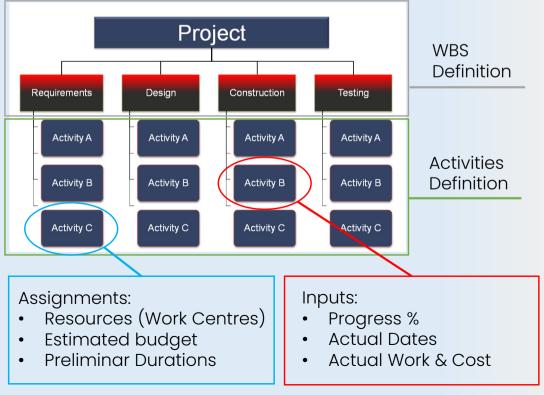
3. Database automations

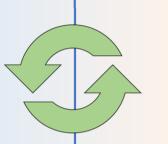


### 1. Integration SAP PS – Safran Project



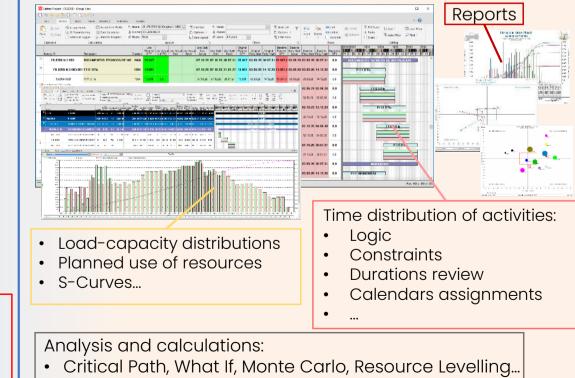
Definition of scope and structure of Projects





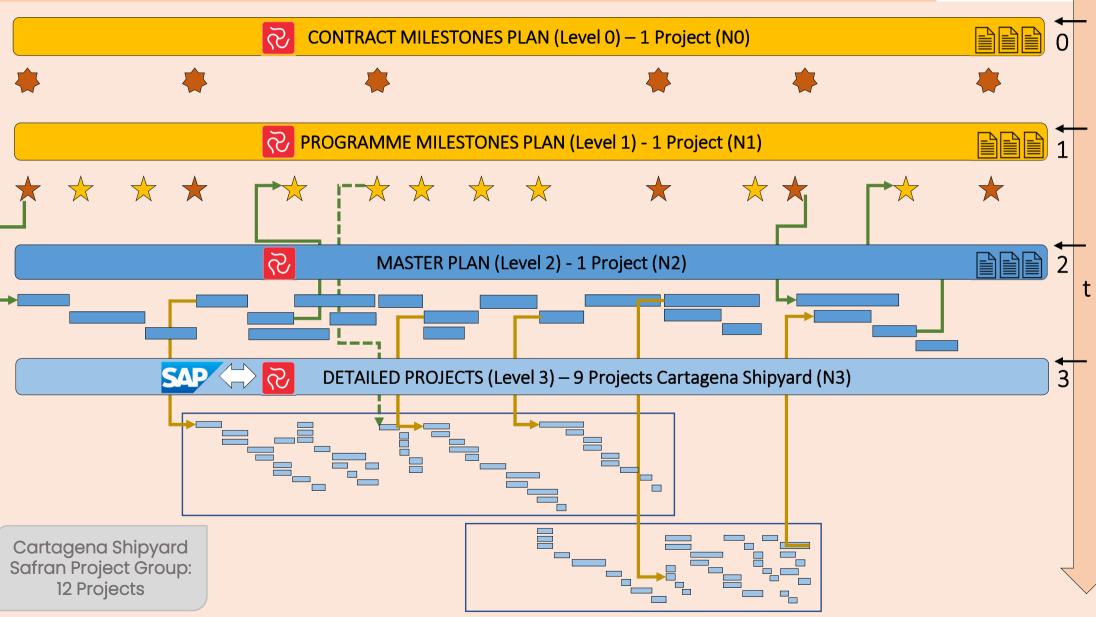


#### Analysis and scheduling of Projects

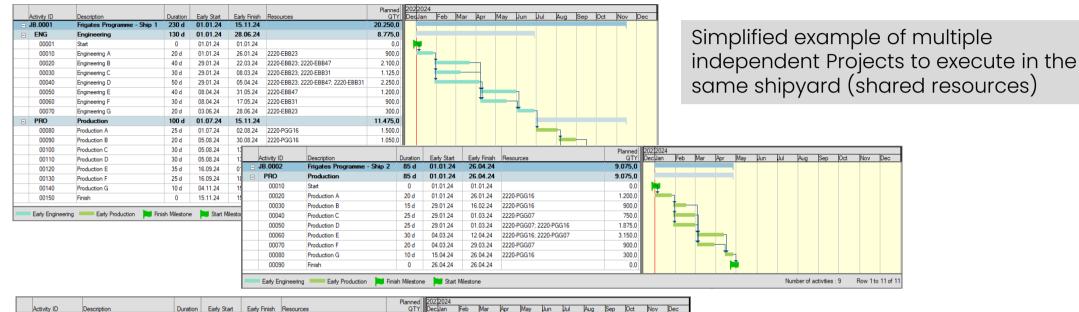


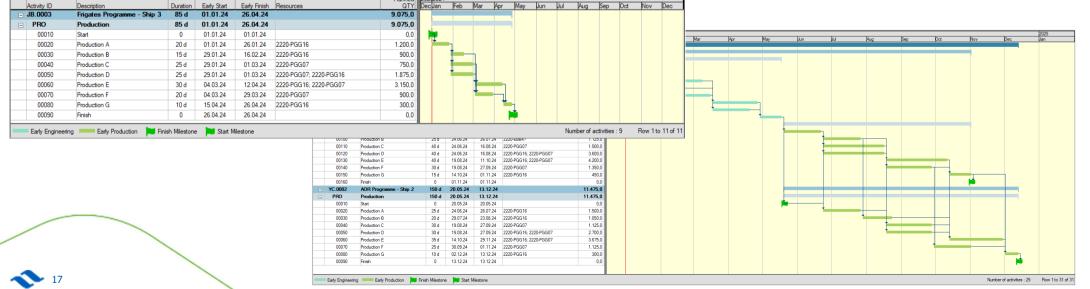
- Control and monitoring: updates schedule & impacts
- Rescheduling Dates, Floats, Logic...

2. Project Groups: Integrated Programme Planning (I)



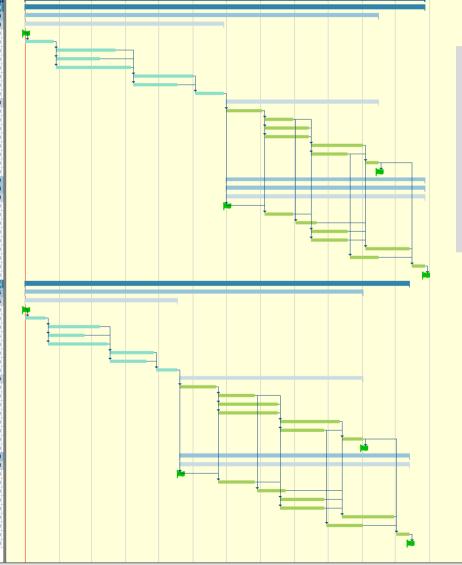
#### 2. Project Groups: analysis of load-capacity from multiple projects using shared resources





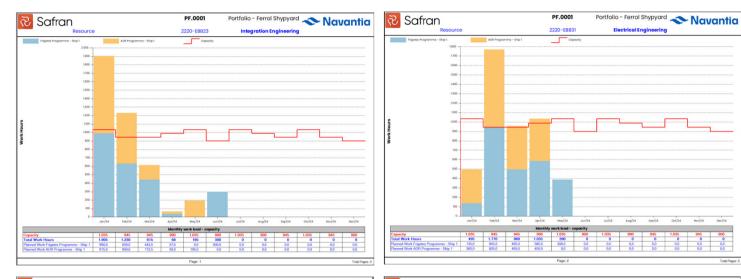
#### 2. Project Groups: analysis of load-capacity from multiple projects using shared resources

|   | Activity ID   | Description  | Duration  | Early Start   | Early Finish   | Resources  | Planner<br>QT  |
|---|---|--|---|---|--|--|--|
|   | PF.0001   | Portfolio - Shipyard Ferrol  | 260 d   | 01.01.24  | 27.12.24   |  | 70.462.5   |
|   | JB.0000   | Frigates Programme   | 260 d   | 01.01.24  | 27.12.24   |  | 38.400,0   |
|   | JB.0001   | Frigates Programme - Ship 1  | 230 d   | 01.01.24  | 15.11.24   |  | 20.250,0   |
| • | ENG   | Engineering  | 130 d   | 01.01.24  | 28.06.24   |  | 8.775,0  |
|   | 00001   | Start  | 0   | 01.01.24  | 01.01.24   |  | 0.0  |
|   | 00010   | Engineering A  | 20 d  | 01.01.24  | 26.01.24   | 2220-EBB23   | 900,0  |
|   | 00020   | Engineering B  | 40 d  | 29.01.24  | 22.03.24   | 2220-EBB23; 2220-EBB47   | 2.100,0  |
|   | 00030   | Engineering C  | 30 d  | 29.01.24  | 08.03.24   | 2220-EBB23; 2220-EBB31   | 1.125,0  |
|   | 00040   | Engineering D  | 50 d  | 29.01.24  | 05.04.24   | 2220-EBB23; 2220-EBB47; 2220-EBB31   | 2.250.   |
|   | 00050   | Engineering E  | 40 d  | 08.04.24  | 31.05.24   | 2220-EBB47   | 1.200,0  |
|   | 00060   | Engineering F  | 30 d  | 08.04.24  | 17.05.24   | 2220-EBB31   | 900,0  |
|   | 00070   | Engineering G  | 20 d  | 03.06.24  | 28.06.24   | 2220-EBB23   | 300,0  |
|   | PRO   | Production   | 100 d   | 01.07.24  | 15.11.24   |  | 11.475,0   |
|   | 08000   | Production A   | 25 d  | 01.07.24  | 02.08.24   | 2220-PGG16   | 1.500,   |
|   | 00090   | Production B   | 20 d  | 05.08.24  | 30.08.24   | 2220-PGG16   | 1.050,   |
|   | 00100   | Production C   | 30 d  | 05.08.24  | 13.09.24   | 2220-PGG07   | 1.125,   |
|   | 00110   | Production D   | 30 d  | 05.08.24  | 13.09.24   | 2220-PGG16; 2220-PGG07   | 2.700,   |
|   | 00120   | Production E   | 35 d  | 16.09.24  | 01.11.24   | 2220-PGG16; 2220-PGG07   | 3.675,0  |
|   | 00130   | Production F   | 25 d  | 16.09.24  | 18.10.24   | 2220-PGG07   | 1,125,   |
|   | 00140   | Production G   | 10 d  | 04.11.24  | 15.11.24   | 2220-PGG16   | 300,0  |
|   | 00150   | Finish   | 0   | 15.11.24  | 15.11.24   |  | 0,0  |
| 1 | JB.0002   | Frigates Programme - Ship 2  | 130 d   | 01.07.24  | 27.12.24   |  | 9.075.0  |
|   | JB.0003   | Frigates Programme - Ship 3  | 130 d   | 01.07.24  | 27.12.24   |  | 9.075,0  |
|   | PRO   | Production   | 130 d   | 01.07.24  | 27.12.24   |  | 9.075,0  |
|   | 00010   | Start  | 0   | 01.07.24  | 01.07.24   |  | 0.0  |
|   | 00010   | Production A   | 20 d  | 05.08.24  | 30.08.24   | 2220-PGG16   | 1.200,0  |
|   | 00020   | Production B   | 15 d  | 02.09.24  | 20.09.24   | 2220-PGG16   | 900,0  |
|   |   | Production C   | 25 d  | 16.09.24  |  | 2220-PGG07   |  |
|   | 00040   |  |   | 16.09.24  | 18.10.24<br>18.10.24   | 2220-PGG07<br>2220-PGG07; 2220-PGG16   | 750.0  |
|   |   | Production D   | 25 d  |   |  |  |  |
|   | 00060   | Production E   | 30 d  | 04.11.24  | 13.12.24   | 2220-PGG16; 2220-PGG07   | 3.150,   |
|   | 00070   | Production F   | 20 d  | 21.10.24  | 15.11.24   | 2220-PGG07   | 900.   |
|   | 08000   | Production G   | 10 d  | 16.12.24  | 27.12.24   | 2220-PGG16   | 300.   |
|   | 00090   | Finish   | 0   | 27.12.24  | 27.12.24   |  | 0.0  |
| 1 | YC.0000   | AOR Programme  | 250 d   | 01.01.24  | 13.12.24   |  | 32.062,5   |
|   | YC.0001   | AOR Programme Ship 1   | 220 d   | 01.01.24  | 01.11.24   |  | 20.587.5   |
|   | ENG   | Engineering  | 100 d   | 01.01.24  | 17.05.24   |  | 6.862,5  |
|   | 00010   | Start<br>Engineering A   | 0   | 01.01.24  | 01.01.24   | 0000 50000   | 0.0  |
|   | 00020   |  |   | 01.01.24  | 19.01.24   | 2220-EBB23   | 675.0  |
|   |   |  | 15 d  |   |  |  |  |
|   | 00030   | Engineering B  | 35 d  | 22.01.24  | 08.03.24   | 2220-EBB23; 2220-EBB47   |  |
|   | 00040   | Engineering B<br>Engineering C   | 35 d<br>25 d  | 22.01.24<br>22.01.24  | 23.02.24   | 2220-EBB23; 2220-EBB31   | 937,5  |
|   | 00040<br>00050  | Engineering B<br>Engineering C<br>Engineering D  | 35 d<br>25 d<br>40 d  | 22.01.24<br>22.01.24<br>22.01.24  | 23.02.24<br>15.03.24   | 2220-EBB23; 2220-EBB31<br>2220-EBB23; 2220-EBB47; 2220-EBB31   | 937.<br>1.800.   |
|   | 00040<br>00050<br>00060   | Engineering B<br>Engineering C<br>Engineering D<br>Engineering E   | 35 d<br>25 d<br>40 d<br>30 d  | 22.01.24<br>22.01.24<br>22.01.24<br>18.03.24  | 23.02.24<br>15.03.24<br>26.04.24   | 2220-EBB23; 2220-EBB31<br>2220-EBB23; 2220-EBB47; 2220-EBB31<br>2220-EBB47   | 937,5<br>1.800,0<br>900,0  |
|   | 00040<br>00050<br>00060<br>00070  | Engineering B<br>Engineering C<br>Engineering D  | 35 d<br>25 d<br>40 d  | 22.01.24<br>22.01.24<br>22.01.24<br>18.03.24<br>18.03.24  | 23.02.24<br>15.03.24   | 2220-EBB23; 2220-EBB31<br>2220-EBB23; 2220-EBB47; 2220-EBB31   | 1.575,(<br>937,5<br>1.800,(<br>900,(<br>750,(  |
|   | 00040<br>00050<br>00060<br>00070<br>00080   | Engineering B<br>Engineering C<br>Engineering D<br>Engineering F<br>Engineering F<br>Engineering G   | 35 d<br>25 d<br>40 d<br>30 d<br>25 d<br>15 d  | 22.01.24<br>22.01.24<br>22.01.24<br>18.03.24<br>18.03.24<br>29.04.24  | 23.02.24<br>15.03.24<br>26.04.24<br>19.04.24<br>17.05.24   | 2220-EBB23; 2220-EBB31<br>2220-EBB23; 2220-EBB47; 2220-EBB31<br>2220-EBB47   | 937,5<br>1.800,0<br>900,0<br>750,0<br>225,0  |
|   | 00040<br>00050<br>00060<br>00070  | Engineering B<br>Engineering C<br>Engineering D<br>Engineering E<br>Engineering F  | 35 d<br>25 d<br>40 d<br>30 d<br>25 d  | 22.01.24<br>22.01.24<br>22.01.24<br>18.03.24<br>18.03.24  | 23.02.24<br>15.03.24<br>26.04.24<br>19.04.24   | 2220-EBB23; 2220-EBB31<br>2220-EBB23; 2220-EBB47; 2220-EBB31<br>2220-EBB47<br>2220-EBB31   | 937,1<br>1.800,0<br>900,0<br>750,0<br>225,0  |
|   | 00040<br>00050<br>00060<br>00070<br>00080   | Engineering B<br>Engineering C<br>Engineering D<br>Engineering F<br>Engineering F<br>Engineering G   | 35 d<br>25 d<br>40 d<br>30 d<br>25 d<br>15 d  | 22.01.24<br>22.01.24<br>22.01.24<br>18.03.24<br>18.03.24<br>29.04.24  | 23.02.24<br>15.03.24<br>26.04.24<br>19.04.24<br>17.05.24   | 2220-EBB23; 2220-EBB31<br>2220-EBB23; 2220-EBB47; 2220-EBB31<br>2220-EBB47<br>2220-EBB31   | 937,<br>1.800,<br>900,<br>750,<br>225,<br><b>13.725,</b>   |
|   | 00040<br>00050<br>00060<br>00070<br>00080<br>PRO  | Engineering B<br>Engineering C<br>Engineering D<br>Engineering E<br>Engineering F<br>Engineering G<br>Production   | 35 d<br>25 d<br>40 d<br>30 d<br>25 d<br>15 d<br><b>120 d</b>  | 22.01.24<br>22.01.24<br>22.01.24<br>18.03.24<br>18.03.24<br>29.04.24<br><b>20.05.24</b>   | 23.02.24<br>15.03.24<br>26.04.24<br>19.04.24<br>17.05.24<br>01.11.24   | 2220-EBB23, 2220-EBB31<br>2220-EBB23, 2220-EBB47, 2220-EBB31<br>2220-EBB47<br>2220-EBB31<br>2220-EBB23   | 937,<br>1.800,<br>900,<br>750,<br>225,<br><b>13.725,</b><br>1.500,   |
|   | 00040<br>00050<br>00060<br>00070<br>00080<br><b>PRO</b><br>00090  | Engineering B<br>Engineering C<br>Engineering D<br>Engineering E<br>Engineering F<br>Engineering G<br><b>Production</b><br>Production A  | 35 d<br>25 d<br>40 d<br>30 d<br>25 d<br>15 d<br><b>120 d</b><br>25 d  | 22.01.24<br>22.01.24<br>18.03.24<br>18.03.24<br>29.04.24<br><b>20.05.24</b>   | 23.02.24<br>15.03.24<br>26.04.24<br>19.04.24<br>17.05.24<br><b>01.11.24</b><br>21.06.24  | 2220-EBB23: 2220-EBB31<br>2220-EBB23: 2220-EBB47: 2220-EBB31<br>2220-EBB23<br>2220-EBB31<br>2220-EBB31<br>2220-EBB23<br>2220-FBB23   | 937,<br>1.800,<br>900,<br>750,<br>225,<br><b>13.725,</b><br>1.500,<br>1.125,   |
|   | 00040<br>00050<br>00060<br>00070<br>00080<br><b>PRO</b><br>00090<br>00100   | Ergineering B<br>Engineering C<br>Engineering D<br>Ergineering E<br>Engineering G<br>Production A<br>Production B  | 35 d<br>25 d<br>40 d<br>30 d<br>25 d<br>15 d<br><b>120 d</b><br>25 d<br>25 d  | 22.01.24<br>22.01.24<br>22.01.24<br>18.03.24<br>18.03.24<br>29.04.24<br><b>20.05.24</b><br>20.05.24<br>20.05.24<br>24.06.24   | 23.02.24<br>15.03.24<br>26.04.24<br>19.04.24<br>17.05.24<br><b>01.11.24</b><br>21.06.24<br>26.07.24  | 2220-EBB23, 2220-EBB31<br>2220-EBB23, 2220-EBB47, 2220-EBB31<br>2220-EBB47<br>2220-EBB23<br>2220-EBB23<br>2220-EBB23<br>2220-EBB47   | 937,<br>1,800,<br>900,<br>750,<br>225,<br><b>13,725,</b><br><b>1,500,</b><br>1,125,<br>1,500,<br>1,500,  |
|   | 00040<br>00050<br>00060<br>00070<br>00080<br><b>PRO</b><br>00090<br>00100<br>00110  | Engineering B<br>Engineering C<br>Engineering D<br>Engineering E<br>Engineering G<br>Production<br>Production A<br>Production B<br>Production C  | 35 d<br>25 d<br>40 d<br>30 d<br>25 d<br>15 d<br><b>120 d</b><br>25 d<br>25 d<br>25 d<br>40 d  | 22.01.24<br>22.01.24<br>18.03.24<br>18.03.24<br>29.04.24<br>20.05.24<br>20.05.24<br>24.06.24<br>24.06.24  | 23.02.24<br>15.03.24<br>26.04.24<br>19.04.24<br>17.05.24<br><b>01.11.24</b><br>21.06.24<br>26.07.24<br>16.08.24  | 2220-EB823 2220-EB831<br>2220-EB823 2220-EB847; 2220-EB831<br>2220-EB847<br>2220-EB823<br>2220-EB823<br>2220-EB823<br>2220-EB824<br>2220-EB847<br>2220-EB847<br>2220-EG607   | 937.<br>1.800,<br>900,<br>750,<br>225,<br><b>13.725,</b><br><b>1.500,</b><br>1.125,<br>1.500,<br>3.600,<br>3.600,  |
|   | 00040<br>00050<br>00060<br>00070<br>00080<br><b>PRO</b><br>00090<br>00100<br>00110<br>00110   | Engineering B<br>Engineering C<br>Engineering D<br>Engineering F<br>Engineering F<br>Production G<br>Production A<br>Production B<br>Production D  | 35 d<br>25 d<br>40 d<br>30 d<br>25 d<br>15 d<br><b>120 d</b><br>25 d<br>25 d<br>25 d<br>40 d<br>40 d  | 22.01.24<br>22.01.24<br>18.03.24<br>18.03.24<br>29.04.24<br>20.05.24<br>20.05.24<br>24.06.24<br>24.06.24  | 23.02.24<br>15.03.24<br>26.04.24<br>19.04.24<br>17.05.24<br><b>01.11.24</b><br>21.06.24<br>26.07.24<br>16.08.24  | 2220-EB823, 2220-EB831<br>2220-EB823, 2220-EB847, 2220-EB831<br>2220-EB847<br>2220-EB823<br>2220-EB823<br>2220-PGG16<br>2220-EG847<br>2220-PGG07<br>2220-PGG07   | 937.<br>1.800.<br>900.<br>750.<br>225.<br><b>13.725.</b><br><b>1.500.</b><br>1.125.<br>1.500.<br>3.600.<br>4.200.  |
|   | 00040<br>00050<br>00070<br>00080<br><b>PRO</b><br>00090<br>00100<br>00110<br>00110<br>00120<br>00130  | Engineering B<br>Engineering C<br>Engineering D<br>Engineering E<br>Engineering F<br>Production G<br>Production A<br>Production B<br>Production B<br>Production C<br>Production C<br>Production E<br>Production F  | 35 d<br>25 d<br>40 d<br>30 d<br>25 d<br>15 d<br><b>120 d</b><br>25 d<br>25 d<br>40 d<br>40 d<br>40 d<br>30 d  | 22.01.24<br>22.01.24<br>22.01.24<br>18.03.24<br>29.04.24<br><b>20.05.24</b><br>24.06.24<br>24.06.24<br>24.06.24<br>19.08.24<br>19.08.24   | 23.02.24<br>15.03.24<br>26.04.24<br>19.04.24<br>17.05.24<br><b>01.11.24</b><br>21.06.24<br>26.07.24<br>16.08.24<br>16.08.24<br>11.10.24<br>27.09.24  | 2220-EB823, 2220-EB831<br>2220-EB823, 2220-EB847, 2220-EB831<br>2220-EB847<br>2220-EB823<br>2220-EB823<br>2220-EB823<br>2220-EB847<br>2220-EB847<br>2220-PGG16, 2220-PGG07<br>2220-PGG16, 2220-PGG07<br>2220-PGG07   | 937.;<br>1.800,(<br>900,(<br>750,(<br>225,(<br>13.725,(<br>1.500,(<br>1.125,(<br>1.500,(<br>3.600,(<br>4.200,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1.350,(<br>1   |
|   | 00040<br>00050<br>00060<br>00070<br>00080<br>PRO<br>00090<br>00100<br>00110<br>00120<br>00130   | Engineering B<br>Engineering C<br>Engineering D<br>Engineering E<br>Engineering G<br>Production G<br>Production A<br>Production B<br>Production C<br>Production D<br>Production D<br>Production E  | 35 d<br>25 d<br>40 d<br>30 d<br>25 d<br>15 d<br><b>120 d</b><br>25 d<br>25 d<br>25 d<br>40 d<br>40 d  | 22.01.24<br>22.01.24<br>18.03.24<br>18.03.24<br>29.04.24<br>20.05.24<br>20.05.24<br>24.06.24<br>24.06.24<br>19.08.24  | 23.02.24<br>15.03.24<br>26.04.24<br>19.04.24<br>17.05.24<br><b>01.11.24</b><br>21.06.24<br>26.07.24<br>16.08.24<br>16.08.24<br>11.10.24  | 2220-EB823: 2220-EB831<br>2220-EB823: 2220-EB847: 2220-EB831<br>2220-EB831<br>2220-EB823<br>2220-EB823<br>2220-EB847<br>2220-EB847<br>2220-EB647<br>2220-EB647<br>2220-EB647<br>2220-EB647<br>2220-EB647<br>2220-EB647<br>2220-EB647<br>2220-EB647<br>2220-EB647<br>2220-EB647<br>2220-EB647<br>2220-EB647<br>2220-EB647<br>2220-EB647<br>2220-EB647<br>2220-EB647<br>2220-EB647<br>2220-EB647<br>2220-EB647<br>2220-EB647<br>2220-EB647<br>2220-EB647<br>2220-EB647<br>2220-EB647<br>2220-EB647<br>2220-EB647<br>2220-EB647<br>2220-EB647<br>2220-EB647<br>2220-EB647<br>2220-EB647<br>2220-EB647<br>2220-EB647<br>2220-EB647<br>2220-EB647<br>2220-EB647<br>2220-EB647<br>2220-EB647<br>2220-EB647<br>2220-EB647<br>2220-EB647<br>2220-EB647<br>2220-EB647<br>2220-EB647<br>2220-EB647<br>2220-EB647<br>2220-EB647<br>2220-EB647<br>2220-EB647<br>2220-EB647<br>2220-EB647<br>2220-EB647<br>2220-EB647<br>2220-EB647<br>2220-EB647<br>2220-EB647<br>2220-EB647<br>2220-EB647<br>2220-EB647<br>2220-EB647<br>2220-EB647<br>2220-EB647<br>2220-EB647<br>2200-EB647<br>2200-EB647<br>2200-EB647<br>2200-EB647<br>2200-EB647<br>2200-EB647<br>2200-EB647<br>2200-EB647<br>2200-EB647<br>2200-EB647<br>2200-EB647<br>2200-EB647<br>2200-EB647<br>2200-EB647<br>2200-EB647<br>2200-EB647<br>2200-EB647<br>2200-EB647<br>2200-EB647<br>2200-EB647<br>2200-EB647<br>2200-EB647<br>2200-EB647<br>2200-EB647<br>2200-EB647<br>2200-EB647<br>2200-EB647<br>2200-EB647<br>2200-EB647<br>2200-EB647<br>2200-EB647<br>2200-EB647<br>2200-EB647<br>2200-EB647<br>2200-EB647<br>2200-EB647<br>2200-EB647<br>2200-EB647<br>2200-EB647<br>2200-EB647<br>2200-EB647<br>2200-EB647<br>2200-EB647<br>2200-EB647<br>2200-EB647<br>2200-EB647<br>2200-EB647<br>2200-EB647<br>2200-EB647<br>2200-EB647<br>2200-EB647<br>2200-EB647<br>2200-EB647<br>200-EB647<br>200-EB647<br>200-EB647<br>200-EB647<br>200-EB647<br>200-EB647<br>200-EB647<br>200-EB647<br>200-EB647<br>200-EB647<br>200-EB647<br>200-EB647<br>200-EB647<br>200-EB647<br>200-EB647<br>200-EB647<br>200-EB647<br>200-EB647<br>200-EB647<br>200-EB647<br>200-EB647<br>200-EB647<br>200-EB647<br>200-EB647<br>200-EB647<br>200-EB647<br>200-EB647<br>200-EB647<br>200-EB647<br>200-EB647<br>200-EB647<br>200-EB647<br>200-EB647<br>200-EB647<br>200-EB647<br>200-EB647<br>200-EB647<br>200-EB647<br>200-EB647<br>200-EB647<br>200-EB647<br>200-EB647<br>200-EB647<br>200-EB647<br>200-EB647<br>200-EB647<br>200-EB647<br>200-EB647<br>200-EB647<br>200-EB647<br>200-EB647<br>200-EB647<br>200-EB647<br>200-EB647<br>200-EB647<br>200-EB647<br>200-EB647<br>200-EB647<br>200-EB647<br>200-EB647<br>200-EB647<br>200-EB647<br>200-EB647<br>200-EB647<br>200-EB647<br>200-EB6 | 937.;<br>1.800,<br>900,<br>750,<br>225,<br>1.500,<br>1.125,<br>1.500,<br>1.125,<br>1.500,<br>1.250,<br>1.500,<br>1.3600,<br>4.200,<br>1.350,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.500,<br>4.50   |
|   | 00040<br>00050<br>00000<br><b>PRO</b><br>00090<br>00100<br>00110<br>00120<br>00130<br>00140<br>00150<br>00160   | Engineering B<br>Engineering C<br>Engineering D<br>Engineering F<br>Engineering G<br>Production G<br>Production A<br>Production B<br>Production B<br>Production C<br>Production C<br>Production F<br>Production F<br>Production F<br>Production F<br>Production F  | 35 d<br>25 d<br>40 d<br>30 d<br>25 d<br>15 d<br>25 d<br>25 d<br>25 d<br>40 d<br>40 d<br>40 d<br>30 d<br>15 d<br>0   | 22.01.24<br>22.01.24<br>22.01.24<br>18.03.24<br>18.03.24<br>29.04.24<br>20.05.24<br>20.05.24<br>24.06.24<br>24.06.24<br>24.06.24<br>19.08.24<br>19.08.24<br>19.08.24<br>19.08.24<br>10.024  | 23.02.24<br>15.03.24<br>26.04.24<br>19.04.24<br>17.05.24<br><b>01.11.24</b><br>21.06.24<br>26.07.24<br>16.08.24<br>16.08.24<br>11.10.24<br>27.09.24<br>01.11.24  | 2220-EB823, 2220-EB831<br>2220-EB823, 2220-EB847, 2220-EB831<br>2220-EB847<br>2220-EB823<br>2220-EB823<br>2220-EB823<br>2220-EB847<br>2220-EB847<br>2220-PGG16, 2220-PGG07<br>2220-PGG16, 2220-PGG07<br>2220-PGG07   | 937.5<br>1.800.0<br>900.0<br>750.0<br>225.0<br><b>13.725.0</b><br><b>1.500.0</b><br>1.125.0<br>1.500.0<br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b>   |
|   | 00040<br>00050<br>00070<br>00080<br><b>PRO</b><br>00090<br>00100<br>00110<br>00120<br>00130<br>00140<br>00150<br>00160<br><b>YC.0002</b>  | Engineering B<br>Engineering C<br>Engineering D<br>Engineering E<br>Engineering F<br>Production F<br>Production B<br>Production B<br>Production B<br>Production C<br>Production C<br>Production C<br>Production F<br>Production F<br>Production G<br>Finish<br>AOR Programme - Ship 2  | 35 d<br>25 d<br>40 d<br>30 d<br>25 d<br>15 d<br><b>120 d</b><br>25 d<br>25 d<br>25 d<br>40 d<br>40 d<br>40 d<br>30 d<br>15 d<br><b>15 d</b><br><b>15 d</b><br><b>15 d</b><br><b>16 d</b><br><b>17 d</b><br><b>17 d</b><br><b>18 d</b><br><b>19 d</b><br><b>10 d</b><br><b>15 d</b><br><b>0 d</b><br><b>15 d</b><br><b>0 d</b><br><b>15 d</b><br><b>0 d</b><br><b>15 d</b><br><b>10 </b> | 22.01.24<br>22.01.24<br>22.01.24<br>18.03.24<br>18.03.24<br>29.04.24<br>20.05.24<br>24.06.24<br>24.06.24<br>24.06.24<br>19.08.24<br>19.08.24<br>14.10.24  | 23.02.24<br>15.03.24<br>26.04.24<br>19.04.24<br>17.05.24<br><b>01.11.24</b><br>21.06.24<br>26.07.24<br>16.08.24<br>16.08.24<br>11.10.24<br>27.09.24<br>01.11.24<br>13.12.24  | 2220-EB823, 2220-EB831<br>2220-EB823, 2220-EB847, 2220-EB831<br>2220-EB847<br>2220-EB823<br>2220-EB823<br>2220-EB823<br>2220-EB847<br>2220-EB847<br>2220-PGG16, 2220-PGG07<br>2220-PGG16, 2220-PGG07<br>2220-PGG07   | 937.5<br>1.800.0<br>900.0<br>750.0<br>225.0<br><b>13.725.0</b><br><b>1.500.0</b><br>1.500.0<br>1.500.0<br>1.500.0<br>1.500.0<br>1.500.0<br>1.500.0<br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.0</b><br><b>1.500.</b>  |
|   | 00040<br>00050<br>00070<br>00080<br>PRO<br>00090<br>00100<br>00110<br>00110<br>00130<br>00130<br>00140<br>00150<br>00150<br>00150<br><b>VC.0002</b><br>PRO  | Engineering B<br>Engineering C<br>Engineering D<br>Engineering F<br>Engineering G<br>Production G<br>Production A<br>Production B<br>Production B<br>Production C<br>Production C<br>Production F<br>Production F<br>Production F<br>Production F<br>Production F  | 35 d<br>25 d<br>40 d<br>30 d<br>25 d<br>15 d<br>25 d<br>25 d<br>25 d<br>40 d<br>40 d<br>40 d<br>30 d<br>15 d<br>0   | 22.01.24<br>22.01.24<br>22.01.24<br>18.03.24<br>18.03.24<br>29.04.24<br>20.05.24<br>20.05.24<br>24.06.24<br>24.06.24<br>24.06.24<br>19.08.24<br>19.08.24<br>19.08.24<br>19.08.24<br>10.024  | 23.02.24<br>15.03.24<br>26.04.24<br>19.04.24<br>17.05.24<br><b>01.11.24</b><br>21.06.24<br>26.07.24<br>16.08.24<br>16.08.24<br>11.10.24<br>27.09.24<br>01.11.24  | 2220-EB823, 2220-EB831<br>2220-EB823, 2220-EB847, 2220-EB831<br>2220-EB847<br>2220-EB823<br>2220-EB823<br>2220-EB823<br>2220-EB847<br>2220-EB847<br>2220-PGG16, 2220-PGG07<br>2220-PGG16, 2220-PGG07<br>2220-PGG07   | 937.<br>1.800,<br>900,<br>750,<br>225,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.420,<br>1.475,<br>1.475,<br>1.475,<br>1.475,<br>1.475,<br>1.475,<br>1.475,<br>1.475,<br>1.475,<br>1.475,<br>1.475,<br>1.475,<br>1.475,<br>1.475,<br>1.475,<br>1.475,<br>1.475,<br>1.475,<br>1.475,<br>1.475,<br>1.475,<br>1.475,<br>1.475,<br>1.475,<br>1.475,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,<br>1.455,   |
|   | 00040<br>00050<br>00070<br>00080<br>PRO<br>00090<br>00100<br>00110<br>00120<br>00130<br>00140<br>00150<br>00160<br>YC.0002<br>PRO<br>00100  | Engineering B Engineering C Engineering D Engineering D Engineering E Engineering G Production Production B Production C Production C Production C Production F Production F Production F Production G Enish ADR Programme - Ship 2 Production Start   | 35 d<br>25 d<br>40 d<br>30 d<br>25 d<br>15 d<br>25 d<br>25 d<br>25 d<br>25 d<br>40 d<br>40 d<br>40 d<br>30 d<br>15 d<br>0<br><b>150 d</b><br>150 d<br>0   | 22.01.24<br>22.01.24<br>22.01.24<br>22.01.24<br>18.03.24<br>18.03.24<br>29.04.24<br>20.05.24<br>20.05.24<br>24.06.24<br>19.08.24<br>19.08.24<br>19.08.24<br>19.08.24<br>11.11.24<br>20.05.24<br>20.05.24  | 23.02.24<br>15.03.24<br>26.04.24<br>19.04.24<br>17.05.24<br><b>01.11.24</b><br>21.06.24<br>26.07.24<br>16.08.24<br>11.10.24<br>27.09.24<br><b>01.11.24</b><br><b>01.11.24</b><br><b>01.11.24</b><br><b>01.11.24</b><br><b>01.11.24</b>   | 2220-EB823: 2220-EB831<br>2220-EB823: 2220-EB847: 2220-EB831<br>2220-EB847<br>2220-EB831<br>2220-EB847<br>2220-EB847<br>2220-PGG07<br>2220-PGG07<br>2220-PGG07<br>2220-PGG07<br>2220-PGG07   | 937.<br>1.800,<br>900,<br>750,<br>225,<br>1.500,<br>1.125,<br>1.500,<br>1.250,<br>1.500,<br>1.3725,<br>0,<br>1.3725,<br>1.500,<br>1.3725,<br>1.500,<br>1.3725,<br>1.500,<br>1.3725,<br>1.500,<br>1.3725,<br>1.500,<br>1.3725,<br>1.500,<br>1.3725,<br>1.500,<br>1.3725,<br>1.500,<br>1.3725,<br>1.500,<br>1.3725,<br>1.500,<br>1.3725,<br>1.500,<br>1.3725,<br>1.500,<br>1.3725,<br>1.500,<br>1.3725,<br>1.500,<br>1.3725,<br>1.500,<br>1.3725,<br>1.500,<br>1.3725,<br>1.500,<br>1.325,<br>1.500,<br>1.325,<br>1.500,<br>1.325,<br>1.500,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,<br>1.325,   |
| ] | 00040<br>00050<br>00060<br><b>PRO</b><br>00090<br>00100<br>00100<br>00120<br>00120<br>00150<br>00150<br>00160<br><b>YC.0002</b><br><b>PRO</b><br>00010<br>00020   | Engineering B<br>Engineering C<br>Engineering D<br>Engineering F<br>Engineering G<br>Production G<br>Production A<br>Production B<br>Production B<br>Production D<br>Production D<br>Production F<br>Production F<br>Production F<br>Production G<br>Enrish<br>AOR Programme - Ship 2<br>Production<br>Start<br>Production A   | 35 d<br>25 d<br>40 d<br>30 d<br>25 d<br>25 d<br>25 d<br>25 d<br>25 d<br>25 d<br>40 d<br>40 d<br>40 d<br>30 d<br>15 d<br>0<br><b>150 d</b><br>150 d<br>0<br>25 d   | 22.01.24<br>22.01.24<br>22.01.24<br>22.01.24<br>18.03.24<br>18.03.24<br>29.04.24<br>20.05.24<br>24.06.24<br>24.06.24<br>19.08.24<br>19.08.24<br>19.08.24<br>19.08.24<br>10.11.124<br><b>20.05.24</b><br><b>20.05.24</b><br><b>20.05.24</b><br><b>20.05.24</b><br><b>20.05.24</b>  | 23.02.24<br>15.03.24<br>26.04.24<br>17.05.24<br>17.05.24<br>17.05.24<br>16.08.24<br>16.08.24<br>11.10.24<br>27.09.24<br>01.11.24<br>13.12.24<br>13.12.24<br>20.05.24   | 2220-EB823, 2220-EB831<br>2220-EB823, 2220-EB847, 2220-EB831<br>2220-EB847<br>2220-EB813<br>2220-EB823<br>2220-EB847<br>2220-PGG16, 2220-PGG07<br>2220-PGG16, 2220-PGG07<br>2220-PGG16<br>2220-PGG16<br>2220-PGG16   | 937.<br>1.800.<br>900.<br>750.<br>225.<br>1.500.<br>1.500.<br>1.125.<br>1.500.<br>3.600.<br>4.200.<br>1.350.<br>4.200.<br>1.350.<br>1.1475.<br>11.475.<br>0.<br>11.475.<br>0.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.5   |
| 1 | 00040<br>00050<br>00060<br>00070<br>00080<br>00100<br>00110<br>00120<br>00110<br>00150<br>00160<br><b>YC:0002</b><br><b>PRO</b><br>00160<br><b>YC:0002</b>  | Engineering B<br>Engineering C<br>Engineering D<br>Engineering F<br>Engineering G<br>Production G<br>Production A<br>Production B<br>Production D<br>Production F<br>Production F<br>Production G<br>Production G<br>Production G<br>Production G<br>Production S<br>Partielh<br>AOR Programme - Ship 2<br>Production A<br>Production A  | 35 d<br>25 d<br>40 d<br>30 d<br>25 d<br>15 d<br><b>120 d</b><br>25 d<br>25 d<br>25 d<br>40 d<br>40 d<br>40 d<br>40 d<br>30 d<br>15 d<br><b>150 d</b><br><b>150 d</b><br><b>15</b>   | 22.01.24<br>22.01.24<br>22.01.24<br>22.01.24<br>18.03.24<br>18.03.24<br>29.04.24<br>20.05.24<br>20.05.24<br>24.06.24<br>24.06.24<br>24.06.24<br>19.08.24<br>19.08.24<br>19.08.24<br>19.08.24<br>20.05.24<br>20.05.24<br>20.05.24<br>20.05.24<br>20.05.24<br>20.05.24  | 23.02.24<br>15.03.24<br>26.04.24<br>13.04.24<br>17.05.24<br><b>01.11.24</b><br>21.06.24<br>16.08.24<br>11.10.24<br><b>27.09.24</b><br>01.11.24<br><b>13.12.24</b><br>13.12.24<br>13.12.24<br>22.05.24<br>26.07.24  | 2220-EB823: 2220-EB831<br>2220-EB823: 2220-EB847; 2220-EB831<br>2220-EB823<br>2220-EB823<br>2220-EB823<br>2220-EB847<br>2220-PGG16<br>2220-PGG07<br>2220-PGG07<br>2220-PGG16<br>2220-PGG16<br>2220-PGG16<br>2220-PGG16   | 937.<br>1.800,<br>900,<br>750,<br>225,<br><b>13.725,</b><br><b>1.500,</b><br>1.500,<br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.1475,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.1475,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.500,</b><br><b>1.</b> |
|   | 00040<br>00050<br>00060<br>00070<br>00090<br>00100<br>00100<br>00110<br>00120<br>00130<br>00140<br>00150<br>00150<br>00160<br><b>YC.0002</b><br><b>PRO</b><br>00101<br>00020<br>00010   | Engineering B<br>Engineering C<br>Engineering D<br>Engineering F<br>Engineering F<br>Production G<br>Production R<br>Production B<br>Production C<br>Production F<br>Production F<br>Production F<br>Production F<br>Production G<br>Enrich<br><b>ADR Programme - Ship 2</b><br><b>Production</b><br>Start<br>Production A<br>Production A<br>Production B<br>Production A<br>Production B   | 35 d<br>25 d<br>40 d<br>30 d<br>25 d<br>15 d<br>120 d<br>25 d<br>25 d<br>25 d<br>40 d<br>40 d<br>40 d<br>40 d<br>40 d<br>30 d<br>15 d<br>15 d<br>10 d<br>25 d<br>25 d<br>25 d<br>25 d<br>25 d<br>40 d<br>25 d<br>25 d<br>40 d<br>25 d<br>25 d<br>25 d<br>40 d<br>25 d<br>25 d<br>25 d<br>40 d<br>25 d<br>25 d<br>25 d<br>25 d<br>25 d<br>25 d<br>40 d<br>30 d<br>15 d<br>15 d<br>25 d<br>25 d<br>25 d<br>25 d<br>25 d<br>25 d<br>25 d<br>25 d<br>25 d<br>20 d   | 22 01 24<br>22 01 24<br>22 01 24<br>22 01 24<br>23 01 24<br>23 01 24<br>20 05 24<br>24 06 24<br>24 06 24<br>24 06 24<br>19 08 24<br>19 08 24<br>19 08 24<br>10 11 124<br>00 11 124<br>00 12 24<br>20 05 24<br>2 | 23.0224<br>15.0324<br>26.0424<br>19.0424<br>17.0524<br>01.11.24<br>21.0624<br>26.0724<br>16.0824<br>16.0824<br>16.0824<br>11.1024<br>27.0924<br>01.1124<br>13.1224<br>20.0524<br>20.0524<br>20.0524<br>23.0924   | 2220-EB823: 2220-EB831<br>2220-EB823: 2220-EB847: 2220-EB831<br>2220-EB847<br>2220-EB847<br>2220-EB847<br>2220-PGG016<br>2220-PGG07<br>2220-PGG07<br>2220-PGG07<br>2220-PGG05<br>2220-PGG07<br>2220-PGG16<br>2220-PGG16<br>2220-PGG16<br>2220-PGG16<br>2220-PGG16  | 937.<br>1.800,<br>900,<br>750,<br>225,<br>1.500,<br>1.500,<br>1.500,<br>3.600,<br>4.200,<br>1.550,<br>1.350,<br>1.475,<br>0,<br>1.475,<br>0,<br>1.500,<br>1.1.475,<br>0,<br>1.500,<br>1.1.475,<br>1.500,<br>1.1.475,<br>0,<br>1.500,<br>1.1.475,<br>1.500,<br>1.1.475,<br>1.500,<br>1.1.475,<br>1.500,<br>1.1.475,<br>1.500,<br>1.1.475,<br>1.500,<br>1.1.475,<br>1.500,<br>1.1.25,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.1.475,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1   |
| 1 | 00040<br>00050<br>00060<br><b>PRO</b><br>00090<br>00100<br>00110<br>00120<br>00130<br>00140<br><b>VC.0002</b><br><b>PRO</b><br>00010<br><b>VC.0002</b>  | Ergineering B<br>Engineering C<br>Engineering D<br>Engineering F<br>Engineering G<br>Production G<br>Production A<br>Production D<br>Production D<br>Production F<br>Production F<br>Production G<br>Finish<br>AOR Programme - Ship 2<br>Production<br>Stat<br>Production A<br>Production A<br>Production A<br>Production B<br>Production C  | 35 d<br>25 d<br>40 d<br>30 d<br>25 d<br>15 d<br>25 d<br>40 d<br>40 d<br>40 d<br>40 d<br>40 d<br>40 d<br>40 d<br>15 d<br>0<br><b>150 d</b><br>0<br>25 d<br>25 d<br>30 d<br>30 d<br>30 d<br>30 d<br>30 d  | 22.01.24<br>22.01.24<br>22.01.24<br>22.01.24<br>22.01.24<br>22.01.24<br>22.01.24<br>22.01.24<br>20.05.24<br>23.04.24<br>24.06.24<br>19.08.24<br>19.08.24<br>19.08.24<br>19.08.24<br>24.06.24<br>19.08.24  | 23.02.24<br>15.03.24<br>26.04.24<br>19.04.24<br>17.05.24<br><b>01.11.24</b><br>21.06.24<br>16.08.24<br>16.08.24<br>16.08.24<br>11.10.24<br>27.09.24<br><b>01.11.24</b><br><b>13.12.24</b><br><b>13.12.24</b><br>20.05.24<br>20.05.24<br>20.05.24<br>22.09.24   | 2220-EB823, 2220-EB831<br>2220-EB823, 2220-EB847, 2220-EB831<br>2220-EB847<br>2220-EB847<br>2220-EB847<br>2220-PGG16, 2220-PGG07<br>2220-PGG16, 2220-PGG07<br>2220-PGG16, 2220-PGG17<br>2220-PGG16<br>2220-PGG16<br>2220-PGG16<br>2220-PGG16<br>2220-PGG16, 2220-PGG07   | 937.<br>1.800,<br>900,<br>7500,<br>13.725,<br>1.500,<br>1.125,<br>1.500,<br>3.600,<br>4.200,<br>1.255,<br>1.500,<br>4.200,<br>1.3500,<br>4.500,<br>0,<br>1.3500,<br>1.3500,<br>1.3500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.500,<br>1.   |
| 1 | 00040<br>00050<br>00060<br>00090<br>00090<br>00100<br>00110<br>00110<br>00130<br>00140<br>00150<br>00150<br>00160<br><b>YC.0002</b><br><b>PRO</b><br>00010<br>00010<br>00010<br>00010<br>00010                                      | Engineering B<br>Engineering C<br>Engineering D<br>Engineering F<br>Engineering G<br>Production A<br>Production B<br>Production B<br>Production D<br>Production F<br>Production F<br>Production G<br>Production G<br>Production G<br>Production G<br>Production S<br>Production A<br>Production A<br>Production A<br>Production A<br>Production B<br>Production C<br>Production C<br>Production C<br>Production C                      | 35 d<br>25 d<br>30 d<br>25 d<br>15 d<br>25 d<br>25 d<br>25 d<br>25 d<br>40 d<br>40 d<br>40 d<br>30 d<br>150 d<br>150 d<br>150 d<br>150 d<br>25 d<br>25 d<br>25 d<br>30 d  | 22 01 24<br>22 01 24<br>22 01 24<br>22 01 24<br>23 01 24<br>20 05 24<br>20 05 24<br>20 05 24<br>24 06 24<br>24 06 24<br>24 06 24<br>19 08 24<br>19 08 24<br>11 124<br>20 05 24<br>20 05 | 23 02 24<br>15 03 24<br>26 04 24<br>17 05 24<br>01 11 24<br>21 06 24<br>26 07 24<br>16 08 24<br>11 10 24<br>27 09 24<br>01 11 24<br>01 11 24<br>01 11 24<br>13 12 24<br>13 12 24<br>26 07 24<br>13 02 24<br>13 12 24<br>13 12 24<br>26 07 24<br>23 08 24<br>27 09 24<br>23 08 24<br>27 09 24<br>27 09 24<br>27 09 24<br>27 09 24 | 2220-EB823: 2220-EB831<br>2220-EB823: 2220-EB847: 2220-EB831<br>2220-EB823<br>2220-EB831<br>2220-EB831<br>2220-EB847<br>2220-PGG016<br>2220-PGG07<br>2220-PGG07<br>2220-PGG07<br>2220-PGG16<br>2220-PGG16<br>2220-PGG16<br>2220-PGG16<br>2220-PGG07<br>2220-PGG07<br>2220-PGG16<br>2220-PGG07<br>2220-PGG16<br>2220-PGG16<br>2220-PGG07<br>220-PGG07<br>220-PGG07  | 937.<br>1.800.<br>900.<br>750.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.500.<br>1.50   |
|   | 00040<br>00050<br>00060<br><b>PRO</b><br>00090<br>00100<br>00100<br>00110<br>00120<br>00130<br>00140<br>00150<br>00150<br>00150<br><b>VC.0002</b><br><b>PRO</b><br>00010<br><b>VC.0002</b><br><b>PRO</b><br>00030<br>00030<br>00040 | Engineering B<br>Engineering C<br>Engineering D<br>Engineering D<br>Engineering F<br>Engineering F<br>Production G<br>Production A<br>Production A<br>Production C<br>Production C<br>Production G<br>Finish<br>AOR Programme - Ship 2<br>Production A<br>Production A<br>Production A<br>Production A<br>Production A<br>Production C<br>Production C<br>Production C<br>Production C<br>Production C<br>Production D<br>Production C | 35 d<br>25 d<br>40 d<br>30 d<br>25 d<br>15 d<br>25 d<br>25 d<br>40 d<br>40 d<br>40 d<br>40 d<br>30 d<br>15 d<br>0<br><b>150 d</b><br>150 d<br>150 d<br>150 d<br>30 d<br>30 d<br>25 d  | 22 01 24<br>22 01 24<br>22 01 24<br>22 01 24<br>23 01 24<br>23 01 24<br>20 05 24<br>24 06 24<br>24 06 24<br>24 06 24<br>24 06 24<br>19 08 24<br>19 08 24<br>19 108 24<br>10 11 12<br>20 05 24<br>20 05 24<br>21 06 24<br>21 06 24<br>21 07 24<br>20 05 24<br>21 06 24<br>21 07 24<br>20 05 24<br>21 06 24<br>21 07 24<br>20 05 24<br>21 07 24<br>210 07 24<br>21 07 24<br>2 | 23 02 24<br>15 03 24<br>26 04 24<br>19 04 24<br>17 05 24<br>01 11 24<br>21 06 24<br>26 07 24<br>26 07 24<br>26 07 24<br>26 07 24<br>27 09 24<br>01 11 24<br>13 12 24<br>13 12 24<br>26 07 24<br>23 06 24<br>27 09 24<br>29 11 24                         | 2220-EB823 2220-EB831<br>2220-EB823 2220-EB847; 2220-EB831<br>2220-EB847<br>2220-EB847<br>2220-EB847<br>2220-EB847<br>2220-EB847<br>2220-PGG016, 2220-PGG07<br>2220-PGG16, 2220-PGG07<br>2220-PGG16<br>2220-PGG16<br>2220-PGG16<br>2220-PGG16<br>2220-PGG16<br>2220-PGG16, 2220-PGG07<br>2220-PGG16, 2220-PGG07  | 937,5<br>1.800,0<br>900,0<br>750,0,0<br>1.225,0<br>1.500,0<br>1.125,0<br>1.500,0<br>1.350,0<br>1.350,0<br>1.350,0<br>1.350,0<br>1.475,0<br>0,0<br>1.1475,0<br>0,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125,0<br>1.125   |
|   | 00040<br>00050<br>00060<br>00090<br>00090<br>00100<br>00110<br>00110<br>00130<br>00140<br>00150<br>00150<br>00160<br><b>YC.0002</b><br><b>PRO</b><br>00010<br>00010<br>00010<br>00010<br>00010                                      | Engineering B<br>Engineering C<br>Engineering D<br>Engineering F<br>Engineering G<br>Production A<br>Production B<br>Production B<br>Production D<br>Production F<br>Production F<br>Production G<br>Production G<br>Production G<br>Production G<br>Production S<br>Production A<br>Production A<br>Production A<br>Production A<br>Production B<br>Production C<br>Production C<br>Production C<br>Production C                      | 35 d<br>25 d<br>30 d<br>25 d<br>15 d<br>25 d<br>25 d<br>25 d<br>25 d<br>40 d<br>40 d<br>40 d<br>30 d<br>150 d<br>150 d<br>150 d<br>150 d<br>25 d<br>25 d<br>25 d<br>30 d  | 22 01 24<br>22 01 24<br>22 01 24<br>22 01 24<br>23 01 24<br>20 05 24<br>20 05 24<br>20 05 24<br>24 06 24<br>24 06 24<br>24 06 24<br>19 08 24<br>19 08 24<br>11 124<br>20 05 24<br>20 05 | 23 02 24<br>15 03 24<br>26 04 24<br>17 05 24<br>01 11 24<br>21 06 24<br>26 07 24<br>16 08 24<br>11 10 24<br>27 09 24<br>01 11 24<br>01 11 24<br>01 11 24<br>13 12 24<br>13 12 24<br>26 07 24<br>13 02 24<br>13 12 24<br>13 12 24<br>26 07 24<br>23 08 24<br>27 09 24<br>23 08 24<br>27 09 24<br>27 09 24<br>27 09 24<br>27 09 24 | 2220-EB823: 2220-EB831<br>2220-EB823: 2220-EB847: 2220-EB831<br>2220-EB823<br>2220-EB831<br>2220-EB831<br>2220-EB847<br>2220-PGG016<br>2220-PGG07<br>2220-PGG07<br>2220-PGG07<br>2220-PGG16<br>2220-PGG16<br>2220-PGG16<br>2220-PGG16<br>2220-PGG07<br>2220-PGG07<br>2220-PGG16<br>2220-PGG07<br>2220-PGG16<br>2220-PGG16<br>2220-PGG07<br>220-PGG07<br>220-PGG07  | 937,5<br>1.800,0<br>900,0<br>750,0,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0<br>1.500,0   |

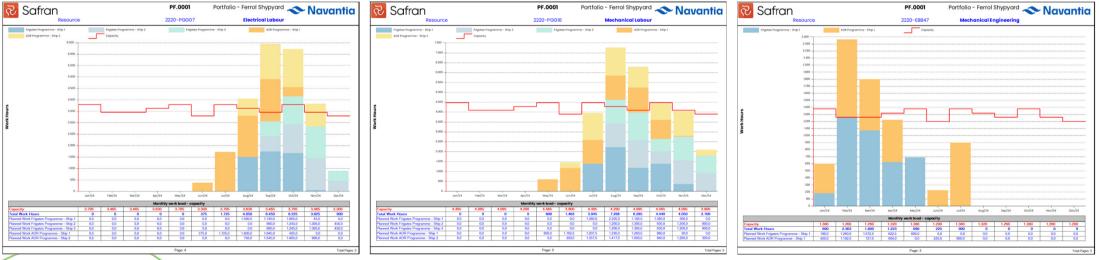


A Project Group allows to define the necessary relationships between Projects, but this is not enough for guarantee a feasible execution: Resources are limited and shared

#### 2. Project Groups: analysis of load-capacity from multiple projects using shared resources



Histograms reflecting the current planned load of work for each productive resource (bars, differenciating the load in the different Projects), and the capacity of each resource (red line)

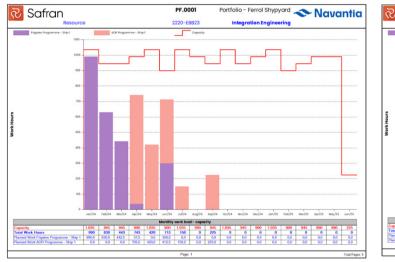


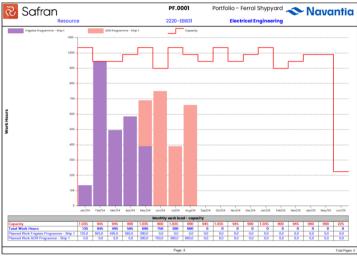
**~** 1

### 2. Project Groups: analysis of load-capacity from multiple projects using shared resources

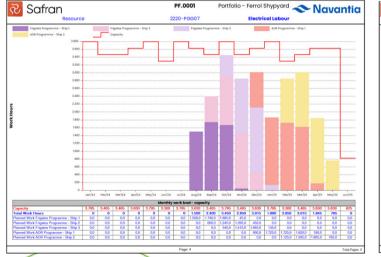
|   | ctivity ID     | Description                    | Duration     | Early Start       | Early Finish      | Early Start<br>Leveled | Early Finish<br>Leveled | Resources  | Planned            | 12024 - 1202<br>Walan Feb Mar ker May Lun Lui kua Eseo Dat Nov Dec Lian Feb Mar ker May Lun |
|---|----------------|--------------------------------|--------------|-------------------|-------------------|------------------------|-------------------------|--|--------------------|---|
| - | F.0001         | Portfolio - Shipyard Ferrol    |              | 01.01.24          | 27.12.24          | 01.01.24               | 06.06.25                |  | 70.462,5           |   |
|   | JB.0001        | Frigates Programme - Ship 1    | 230 d        | 01.01.24          | 15.11.24          | 01.01.24               | 15.11.24                |  | 20.250,0           |   |
| 8 | ENG            | Engineering                    | 130 d        | 01.01.24          | 28.06.24          | 01.01.24               | 28.06.24                |  | 8.775,0            |   |
|   | 00001          | Start                          | 0            | 01.01.24          | 01.01.24          | 01.01.24               | 01.01.24                |  | 0.0                | Resource levelling distributes  |
|   | 00010          | Engineering A                  | 20 d<br>40 d | 01.01.24 29.01.24 | 26.01.24          | 01.01.24 29.01.24      | 26.01.24                | 2220-EBB23<br>2220-EBB23: 2220-EBB47             | 900.0<br>2.100.0   |   |
|   | 00020          | Engineering C                  | 30 d         | 29.01.24          | 08.03.24          | 29.01.24               | 08.03.24                | 2220-EBB23: 2220-EBB31                           | 1.125.0            | the activities according to the   |
|   | 00040          | Engineering D                  | 50 d         | 29.01.24          | 05.04.24          | 29.01.24               | 05.04.24                | 2220-EBB23: 2220-EBB47; 2220-EBB31               | 2.250.0            |   |
|   | 00050          | Engineering E                  | 40 d         | 08.04.24          | 31.05.24          | 08.04.24               | 31.05.24                | 2220-EBB47                                       | 1.200,0            | priority criteria established,  |
|   | 00060          | Engineering F                  | 30 d         | 08.04.24          | 17.05.24          | 08.04.24               |                         | 2220-EBB31                                       | 900.0              | phonty chiena established,  |
|   | 00070          | Engineering G                  | 20 d         | 03.06.24          | 28.06.24          | 03.06.24               | 28.06.24                | 2220-EBB23                                       | 300.0<br>11.475,0  |   |
|   | 00080          | Production A                   | 25 d         | 01.07.24          | 02.08.24          | 01.07.24               | 02.08.24                | 2220-PGG16                                       | 1.500.0            | avoiding overload of  |
|   | 00090          | Production B                   | 20 d         | 05.08.24          | 30.08.24          | 05.08.24               | 30.08.24                | 2220-PGG16                                       | 1.050,0            |   |
|   | 00100          | Production C                   | 30 d         | 05.08.24          | 13.09.24          | 05.08.24               | 13.09.24                | 2220-PGG07                                       | 1.125,0            |   |
|   | 00110          | Production D                   | 30 d         | 05.08.24          | 13.09.24          | 05.08.24               | 13.09.24                | 2220-PGG16; 2220-PGG07                           | 2.700,0            |   |
|   | 00120          | Production E                   | 35 d         | 16.09.24          | 01.11.24          | 16.09.24               | 01.11.24                | 2220-PGG16; 2220-PGG07                           | 3.675.0            | Deviations from the "logic"   |
|   | 00130          | Production F<br>Production G   | 25 d         | 16.09.24          | 18.10.24          | 16.09.24               | 18.10.24                | 2220PGG07<br>2220.PGG16                          | 1.125,0 300,0      |   |
|   | 00150          | Finish                         | 0            | 15.11.24          | 15.11.24          | 15.11.24               | 15.11.24                |  | 0.0                |   |
| • | JB.0002        | Frigates Programme - Ship 2    | 130 d        | 01.07.24          | 27.12.24          | 01.07.24               | 27.12.24                | i i  | 9.075,0            | plan are useful for a first   |
| = | PRO            | Production                     | 130 d        | 01.07.24          | 27.12.24          | 01.07.24               | 27.12.24                |  | 9.075,0            |   |
|   | 00010          | Start<br>Production A          | 0            | 01.07.24          | 01.07.24          | 01.07.24               | 01.07.24                | 2220.89616                                       | 0.0                | reference, and for making   |
|   | 00020          | Production A<br>Production B   | 20 d         | 02.09.24          | 30.08.24          | 02.09.24               |                         | 2220-PGG16                                       | 900.0              |   |
|   | 00040          | Production C                   | 25 d         | 16.09.24          | 18.10.24          | 16.09.24               | 18.10.24                | 2220-PGG07                                       | 750,0              |   |
|   | 00050          | Production D                   | 25 d         | 16.09.24          | 18.10.24          | 16.09.24               |                         | 2220-PGG07; 2220-PGG16                           | 1.875.0            | decisions like subcontracting,  |
|   | 00060          | Production E                   | 30 d         | 04.11.24          | 13.12.24          | 04.11.24               |                         | 2220-PGG16; 2220-PGG07                           | 3.150,0            |   |
|   | 00070          | Production F<br>Production G   | 20 d         | 21.10.24          | 15.11.24 27.12.24 | 21.10.24               | 15.11.24 27.12.24       | 2220-PGG07<br>2220-PGG16                         | 900,0<br>300,0     | assumings delays, optimize  |
|   | 00080          | Production G<br>Enish          | 0            | 27.12.24          | 27.12.24          | 27.12.24               | 27.12.24                | 2220493316                                       | 300,0              |   |
| - | JB.0003        | Frigates Programme - Ship 3    | 130 d        | 01.07.24          | 27.12.24          | 01.07.24               | 17.01.25                |  | 9.075,0            | work sequences  |
| - | PRO            | Production                     | 130 d        | 01.07.24          | 27.12.24          | 01.07.24               | 17.01.25                |  | 9.075,0            | Work Sequences  |
|   | 00010          | Start                          | 0            | 01.07.24          | 01.07.24          | 01.07.24               | 01.07.24                |  | 0.0                |   |
|   | 00020          | Production A                   | 20 d         | 05.08.24 02.09.24 | 30.08.24 20.09.24 | 23.09.24 21.10.24      | 18.10.24                | 2220-PGG16                                       | 1.200,0<br>900,0   |   |
|   | 00030          | Production B<br>Production C   | 25 d         | 16.09.24          | 18.10.24          | 21.10.24               | 22.11.24                | 2220-PGG16<br>2220-PGG07                         | 750.0              |   |
|   | 00050          | Production D                   | 25 d         | 16.09.24          | 18.10.24          | 21.10.24               |                         | 2220-PGG07; 2220-PGG16                           | 1.875,0            |   |
|   | 00060          | Production E                   | 30 d         | 04.11.24          | 13.12.24          | 25.11.24               |                         | 2220-PGG16; 2220-PGG07                           | 3.150,0            |   |
|   | 00070          | Production F                   | 20 d         | 21.10.24          | 15.11.24          | 25.11.24               | 20.12.24                | 2220-PGG07                                       | 900,0              |   |
|   | 00080          | Production G                   | 10 d         | 16.12.24          | 27.12.24          | 06.01.25               | 17.01.25                | 2220-PGG16                                       | 300.0              |   |
|   | YC.0000        | AOR Programme                  | 250 d        | 01.01.24          | 13.12.24          | 01.01.23               | 06.06.25                |  | 32.062.5           |   |
| - | YC.0001        | AOR Programme Ship 1           | 220 d        | 01.01.24          | 01.11.24          | 01.01.24               | 25.04.25                |  | 20.587,5           |   |
| - | ENG            | Engineering                    | 100 d        | 01.01.24          | 17.05.24          | 01.01.24               | 27.09.24                |  | 6.862,5            |   |
|   | 00010          | Start                          | 0<br>15 d    | 01.01.24          | 01.01.24          | 01.01.24               | 01.01.24                | 2220-EBB23                                       | 0.0<br>675,0       |   |
|   | 00020          | Engineering A<br>Engineering B | 35 d         | 22.01.24          | 08.03.24          | 29.04.24               |                         | 2220-EBB23 2220-EBB47                            | 1,575.0            |   |
|   | 00040          | Engineering C                  | 25 d         | 22.01.24          | 23.02.24          | 20.05.24               |                         | 2220-EBB23; 2220-EBB31                           | 937,5              |   |
|   | 00050          | Engineering D                  | 40 d         | 22.01.24          | 15.03.24          | 03.06.24               | 26.07.24                | 2220-EBB23: 2220-EBB47; 2220-EBB31               | 1.800,0            |   |
|   | 00060          | Engineering E                  | 30 d         | 18.03.24          | 26.04.24          | 29.07.24               | 06.09.24                | 2220-EBB47                                       | 900.0              |   |
|   | 00070          | Engineering F<br>Engineering G | 25 d         | 18.03.24 29.04.24 | 19.04.24          | 29.07.24               | 30.08.24                | 2220-EBB31<br>2220-EBB23                         | 750.0<br>225.0     |   |
|   | PRO            | Production                     | 120 d        | 20.05.24          | 01.11.24          | 11.11.24               | 25.04.25                | 2220'00023                                       | 13.725,0           |   |
|   | 00090          | Production A                   | 25 d         | 20.05.24          | 21.06.24          | 11.11.24               | 13.12.24                | 2220-PGG16                                       | 1.500.0            |   |
|   | 00100          | Production B                   | 25 d         | 24.06.24          | 26.07.24          | 16.12.24               |                         | 2220-EBB47                                       | 1.125,0            |   |
|   | 00110          | Production C                   | 40 d         | 24.06.24          | 16.08.24          | 16.12.24               |                         | 2220-PGG07                                       | 1.500,0            |   |
|   | 00120          | Production D                   | 40 d         | 24.06.24          | 16.08.24          | 16.12.24               | 07.02.25                | 2220-PGG16; 2220-PGG07<br>2220-PGG16; 2220-PGG07 | 3.600,0<br>4.200,0 |   |
|   | 00130          | Production E                   | 40 d         | 19.08.24          | 27.09.24          | 10.02.25               |                         | 2220-PGG07                                       | 1.350.0            |   |
|   | 00150          | Production G                   | 15 d         | 14.10.24          | 01.11.24          | 07.04.25               | 25.04.25                | 2220-PGG16                                       | 450.0              |   |
|   | 00160          | Rnish                          | 0            | 01.11.24          | 01.11.24          | 25.04.25               | 25.04.25                |  | 0.0                |   |
| = | YC.0002        | AOR Programme - Ship 2         | 150 d        | 20.05.24          | 13.12.24          | 30.09.24               | 06.06.25                |  | 11.475,0           |   |
| - | PRO            | Production                     | 150 d        | 20.05.24          | 13.12.24          | 30.09.24               | 06.06.25                |  | 11.475,0           |   |
|   | 00010          | Start<br>Production A          | 0<br>25 d    | 20.05.24          | 20.05.24          | 30.09.24               | 30.09.24                | 2220-PGG16                                       | 0.0                |   |
|   | 00020          | Production B                   | 20 d         | 29.07.24          | 23.08.24          | 03.02.25               | 01.01.00                | 2220-PGG16                                       | 1.050.0            |   |
|   | 00040          | Production C                   | 30 d         | 19.08.24          | 27.09.24          | 10.02.25               |                         | 2220-PGG07                                       | 1.125.0            |   |
|   | 00050          | Production D                   | 30 d         | 19.08.24          | 27.09.24          | 10.02.25               | 21.03.25                | 2220-PGG16; 2220-PGG07                           | 2.700.0            |   |
|   | 00060          | Production E                   | 35 d         | 14.10.24          | 29.11.24          | 07.04.25               |                         | 2220-PGG16; 2220-PGG07                           | 3.675.0            |   |
|   | 00070          | Production F<br>Production G   | 25 d         | 30.09.24          | 01.11.24          | 24.03.25<br>26.05.25   |                         | 2220-PGG07<br>2220-PGG16                         | 1.125,0 300.0      |   |
|   | 08000          | Finish                         | 0            | 02.12.24          | 13.12.24          | 26.05.25               | 06.06.25                | 22207'0010                                       | 300,0              |   |
|   |                |                                |              |                   | 10.16.6.4         |                        |                         |  |                    |   |
|   |                |                                | _            |                   |                   |                        |                         |  |                    |   |
|   | Resource Level | ed (Live) Early Production     | Early E      | ingineering       | Finish Miest      | ione 📜 Start           | Miestone                |  |                    | Number of activities 159 Row 16 to 74   |

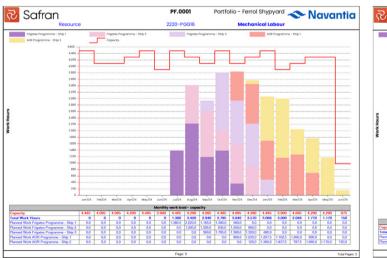
### 2. Project Groups: analysis of load-capacity from multiple projects using shared resources

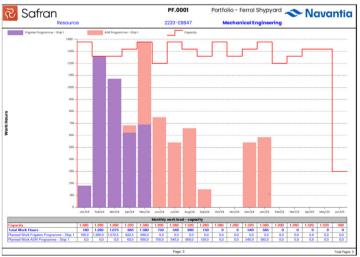




Same histograms, using the levelled dates for distributing the work load.



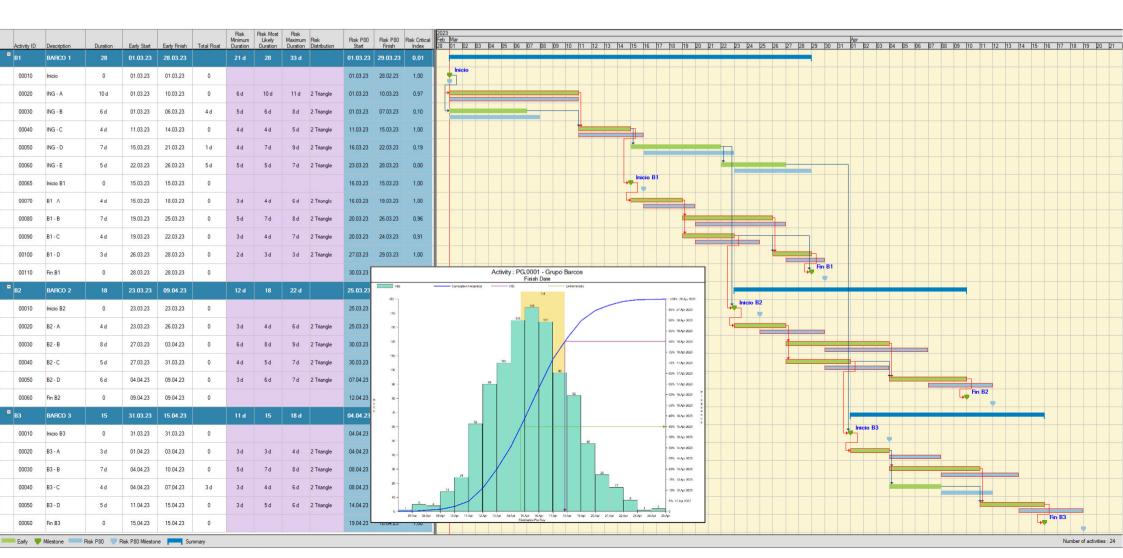




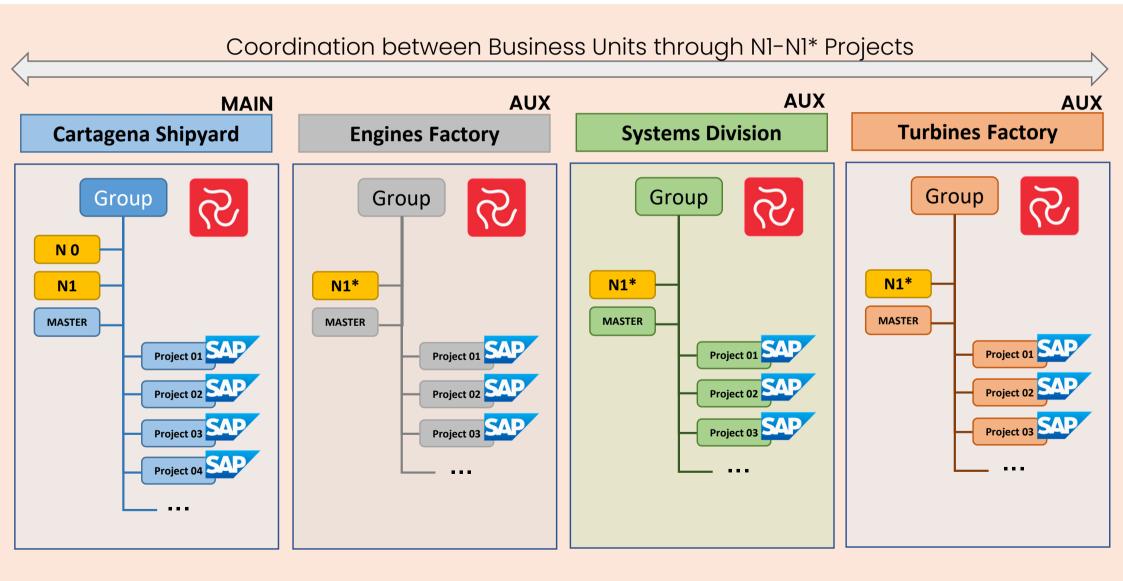
21

### 2. Project Groups: Monte Carlo, Critical Path Analysis... at Programme level

The tools



**3. Database automations:** Integrated Programme Planning (II)

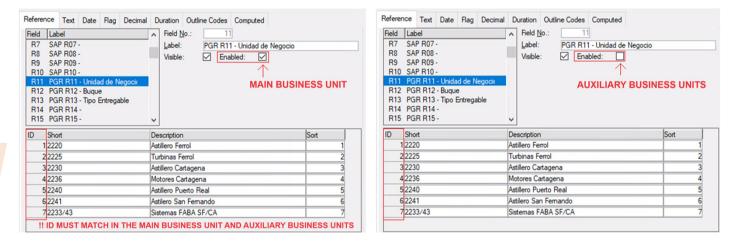


### **3. Database automations:** Integrated Programme Planning (II)

The tools

From N1, the main BU selects in a reference userfield which aux. BU to coordinate a milestone with

A database automation is run daily, transfering data from N1 to each N1\*and vice versa



In the N1\* project of each auxiliary BU, the corresponding milestones will be generated, inheriting some data from the main BU (ref. date, type, vessel, purchase code, comment...)

Each auxiliary BU links the milestones to the detail projects in their Project Groups as corresponds, so the date will depend on their schedule. This date, and other data will be returned to the Project NI of the main BU

Having the "need" date of the main BU in one userfield, and the "forecast" delivery date of the auxiliary BUs in another userfield, they can be compared for detecting delays, confirming deliveries...

Several userfields from different types are reserved for Programme coordination between Business Units, they must be configured properly

### **3. Database automations:** Integrated Programme Planning (II)

|   |                |               |                        |                 | 2022<br>Aug Oct De | 2023                      | 2024                      |                           |                         |                                 |                           | 2029           |
|---|----------------|---------------|------------------------|-----------------|--------------------|---------------------------|---------------------------|---------------------------|-------------------------|---------------------------------|---------------------------|----------------|
| Description     Submarino S82                                     | Fecha Local    | Fecha Externa | Retraso Entrega<br>Yes | Hito Completado | Aug Oct De         | ec Feb Aor Jun Aua Oct De | ec Feb Apr Jun Aug Oct De | ec Feb Apr Jun Aug Oct De | c Feb Apr Jun Aug Oct D | ec Feb Apr Jun Aug Oct De       | ec Feb Apr Jun Aug Oct De | ec Feb Apr Jur |
|   |                |               |                        |                 |                    |                           |                           |                           |                         | · ·                             |                           |                |
| Astillero Cartagena   |                |               | No                     |                 |                    |                           |                           |                           |                         | A corporativ                    | e Layout has              | S _            |
| Referencia de UN Principal  | 18.11.22       | 26.03.26      | No                     |                 |                    |                           |                           |                           |                         | been prepa                      | red, so                   |                |
| Milestone 1   | 18.11.22       | 18.11.22      | No                     | Yes             | 1                  |                           |                           |                           |                         | evervbody s                     | sees the sam              | ne,            |
| Milestone 2   | 06.06.23       | 06.06.23      | No                     | Yes             |                    | 1                         |                           |                           |                         | independen                      | ntly if they are          | ,<br>,         |
| Milestone 3   | 07.02.24       | 07.02.24      | No                     | No              |                    |                           | *                         |                           |                         | looking from NI or one of the   |                           |                |
| Milestone 4   | 13.02.24       | 13.02.24      | No                     | No              |                    |                           | *                         |                           |                         | N1* projects (N1* projects will |                           |                |
| Milestone 5   | 11.02.25       | 11.02.25      | No                     | No              |                    |                           |                           | *                         |                         | not display milestones from     |                           |                |
| Milestone 6   | 14.07.25       | 14.07.25      | No                     | No              |                    |                           |                           | *                         |                         | other aux. Bl                   |                           | OITI           |
| Milestone 7   | 26.03.26       | 26.03.26      | No                     | No              |                    |                           |                           |                           | *                       | Other dux. B                    | )                         |                |
| Sistemas FABA SF/CA   |                |               | Yes                    |                 |                    |                           |                           |                           |                         | -                               |                           |                |
| Equipos - Sistemas - Software                                     | 01.10.23       | 10.02.27      | Yes                    |                 |                    |                           |                           |                           |                         |                                 |                           |                |
| Milestone 23  | 01.10.23       | 02.10.23      | No                     | Yes             |                    | 1                         |                           |                           |                         |                                 |                           |                |
| Milestone 24  | 01.10.23       | 16.10.23      | No                     | Yes             |                    | 4                         |                           |                           |                         |                                 |                           |                |
| Milestone 25  | 15.10.23       | 16.10.23      | No                     | Yes             |                    | 1                         |                           |                           |                         |                                 |                           |                |
| Milestone 26  | 14.01.24       | 13.06.24      | No                     | No              |                    |                           | * *                       |                           |                         |                                 |                           |                |
| Milestone 27  | 22.06.24       | 25.11.24      | No                     | No              |                    |                           | × *                       |                           |                         |                                 |                           |                |
| Milestone 28  | 10.05.24       | 29.11.24      | No                     | No              |                    |                           | × *                       |                           |                         |                                 |                           |                |
| Milestone 29  | 19.11.24       | 29.11.24      | No                     | No              |                    |                           | <b>N</b>                  |                           |                         |                                 |                           |                |
| Milestone 30  | 14.07.25       | 06.06.25      | Yes                    | No              |                    |                           |                           | *₩                        |                         |                                 |                           |                |
| Milestone 31  | 14.02.25       | 10.07.25      | No                     | No              |                    |                           |                           | * *                       |                         |                                 |                           |                |
| Milestone 32  | 03.07.26       | 11.02.26      | Yes                    | No              |                    |                           |                           |                           | *                       |                                 |                           |                |
| Milestone 33  | 31.01.27       | 10.02.27      | No                     | No              |                    |                           |                           |                           |                         | <b>N</b>                        |                           |                |
| Documentación   | 29.10.23       | 19.03.25      | No                     |                 |                    |                           |                           |                           |                         |                                 |                           |                |
| * Pruebas   | 28.09.23       | 11.03.25      | No                     |                 |                    |                           |                           |                           |                         |                                 |                           |                |
| Trabajos in-situ  | 15.11.23       | 15.11.23      | No                     |                 |                    | 1                         |                           |                           |                         |                                 |                           |                |
| Submarino S83   |                |               | No                     |                 |                    | -                         |                           |                           |                         |                                 |                           |                |
| Astillero Cartagena   |                |               | No                     |                 |                    |                           |                           |                           |                         |                                 |                           |                |
| Sistemas FABA SF/CA   |                |               | No                     |                 |                    | -                         |                           |                           |                         |                                 |                           |                |
| ■ Submarino S84   |                |               | No                     |                 |                    |                           |                           |                           |                         |                                 |                           |                |
| 📁 Entrega Prevista 📁 Entrega Prevista Retraso 🛛 🛒 Entrega Complet | ta 🔶 Necesidad |               |                        |                 |                    |                           |                           |                           |                         |                                 |                           |                |

### 3. Database automations: automated reports by e-mail

| [Safran Project] Proyectos Eva Vázquez - Incidencias en la Planificació  | n (2023.10   | 0.23)  |                        |   |                 |  |                            |            |              |
|--|--------------|--|------------------------|---|-----------------|--|----------------------------|------------|--------------|
| Comunicaciones Safran Project <comunicaciones_<br>To • jvarela@navantia.es<br/>Cc • Borges, Jorge</comunicaciones_<br> | Reply        | $\gamma \iff$ Reply All $\rightarrow$ Fo                         | mward 000 Mon 23/10/20 | 23 13:39  |                 |  |                            |            |              |
| (i) If there are problems with how this message is displayed, click here to view it in a web browser.                  | 1            | А  | В                      | (   | С               | D  | E F                        |            | G            |
|  |              | Incidencia   | Project Nan            | ne WBS - F1   | Activit         | ty ID Description                          | Lenght Desc                | ription To | -            |
| EvaVazquez_incidenciasPlanificacion_2023.10.23.csv v   |              |  |                        |   |                 |  |                            |            |              |
| 027 KD   |              | [Check 02] Total Float > 150                                     | FB.8728                | FB.8728.N.  | A.BCO.002 15623 | 30-0100 Activity 01                        |                            | 22         | 449          |
|  |              | [Check 02] Total Float > 150                                     | FB.8728                | FB.8728.N.  | A.BCO.002 15623 | 30-0110 Activity 02                        |                            | 28         | 449          |
| Hola.  |              | [Check 02] Total Float > 150                                     |                        | FB.8728.N.  | A.BCO.002 15623 | 30-0120 Activity 03                        |                            | 29         | 449          |
|  |              | [Check 02] Total Float > 150                                     |                        | FB.8728.N.  |                 | 30-0130 Activity 04                        |                            | 20         | 449          |
| Se ha generado el informe "Proyectos Eva Vázquez - Incidencias en la Planificación" a fecha 2023.10.23.                |              | [Check 02] Total Float > 150                                     |                        |   |                 | 30-0140 Activity 05                        |                            | 34         | 449          |
| Se envía adjunto el resultado de su ejecución y, a continuación, un listado con el número de incidencias de            | e cada tipo. | [Check 02] Total Float > 150                                     |                        |   |                 | 30-0150 Activity 06                        |                            | 27         | 449          |
|  |              | [Check 02] Total Float > 150                                     |                        |   |                 | 30-0160 Activity 07                        |                            | 30         | 453          |
| Proyectos Eva Vázquez - Incidencias en la Planificación  |              | 0 [Check 02] Total Float > 150                                   |                        | FB.8728.N.  |                 | 30-0170 Activity 08                        |                            | 27         | 449          |
| Proyectos Eva vazquez - incidencias en la Planificación  |              | 1 [Check 02] Total Float > 150                                   |                        | FB.8728.N.  |                 | 30-0180 Activity 09                        |                            | 24         | 453          |
| Incidencia   | Nº de Acti   | 2 [Check 02] Total Float > 150<br>3 [Check 02] Total Float > 150 |                        |   | A.BCO.002 15642 | 20-0030 Activity 10<br>20-0040 Activity 11 |                            | 16<br>18   | 2502<br>2509 |
| [Check 01] Total Float negativo<br>[Check 02] Total Float > 150  |              | 0  |                        |   |                 |  |                            |            |              |
| [Check 03] Fechas Early anteriores al Timenow  |              | 411  |                        |   | •               | group of p                                 |                            |            |              |
| [Check 04] Restricciones "duras"   |              | 739  |                        | planning manager receives a weekly<br>customized report by e-mail |                 |  |                            |            |              |
| [Check 05.1] Out of Sequence   |              | 144  |                        | autor   | natically       | , extracting                               | g data from                |            |              |
| [Check 07.2] Sin Calendario o con Calendario diferente al 10   |              | 0  |                        |   |                 |  | ding to the<br>ley want to |            |              |
| [Check 09] Descripción de más de 40 caracteres   |              | 0  |                        | check   |                 |  |                            |            |              |
| [Check 11] Descripción "ANULAD@" sin "No Existente"  |              | 0  |                        |   |                 |  |                            |            |              |



3. Database automations: different operations in userfields and standard fields, not possible using formulas from the application. Some examples:

The recently "All predecessors completed" (with some variations) was automated in a flag userfield

After each integration from SAP to Safran, a database automation adjusts the progress of non-SAP resources (used sometimes exclusively in Safran for particular levelings), so when executing an Status Update, the aggregated progress depends only on SAP resources

Another automation calculates the agreggated cost progress at activity level in an userfield, based on each resource progress and the cost budget (since the application only calculates the progress based on gty)

Some flags are automated for identifying activities with some particularities, which are not easy or not possible to identify using standard filters such as activities with at least one SS/FF/SF link with a successor, activities with inconsistent progress and actuals, activities having resources integrated from SAP without budget...

Limitations: these automations are executed periodically (daily, weekly...) or triggered by an integration SAP – Safran, so they don't respond to changes in the schedule, and it is necessary to execute them manually for an immediate update, or wait.



