

Serial No.	Major Contract Requirement	Related Requirement or Information	Authorising Authority	Customer's Estimated Quantity	Performance Standard
C5	Marine Support to Operational Sea Training (OST)	<p>a. Some amplification of the tasking details are available in the MoD Tasking Guidelines, however, in general a detailed description of the individual task requirements will be issued by the appropriate FOST Staff Warfare Officer (SWO) sponsoring the task.</p> <p>b. Nominally one 'Aircrew Training' vessel is to be programmed primarily for FOST (S) tasking in the Plymouth locality and a second programmed primarily for FOST (N) tasking in the Clyde locality.</p> <p>c. Costs for any additional craft required for Serial C5.3 and Serial C5.4 are to be identified but are not to form a part of the overall contract price. Any such additional cost will be met through the Additional Services process.</p> <p>d. Task Serials 5.1, 5.2, 5.5 and 5.6 will be required in up to and including Sea State 5 conditions (up to 3m significant wave height).</p> <p>e. Task Serials 5.3, 5.4 and 5.7 will be required in Sea State 4 (up to 2m significant wave height).</p> <p>f. For all tasks, craft will not be required to work outside the geographical limits of their Workboat Code certification.</p> <p><u>Programming</u></p> <p>a. Block leave is taken by FOST staff for approx 2 weeks over Christmas and approx 4 weeks during August.</p> <p>b. Unless stated otherwise in the specific serials, tasking requests will normally be provided a minimum of 2 weeks in advance.</p> <p>c. The vast majority of FOST tasking serials will take place during the normal working week ie 0800 to 1800 on Mon, 0730 to 1800 Tue – Thu and 0730 to 1700 on Fri. However, there is the possibility of occasional tasking serials extending beyond this period or being requested outside this period, and very occasionally during the hours of darkness.</p>	Navy Cmd FOST	a. All hours referred to are 'on task time' and do not include any element of time required for transiting to and from the tasks.	<p><u>Availability.</u></p> <p>a. The Contractor must be available to be tasked, on location, as required during the defined programmed periods, (where location, is the point of service delivery, as requested by the Customer, within the locality defined in the individual serials).</p> <p><u>Performance.</u></p> <p>a. The Contractor is to be on task, on time - 100%.</p> <p>b. Delivery of the task must meet the Customer's requirement on the day and be in accordance with any operating guidelines and procedures provided by the Authority and any specific task instructions - 100%.</p>

Serial No.	Major Contract Requirement	Related Requirement or Information	Authorising Authority	Customer’s Estimated Quantity	Performance Standard
------------	----------------------------	------------------------------------	-----------------------	-------------------------------	----------------------

Concurrency and Priority

- d. Notwithstanding the nominal allocation of one Aircrew Training Vessel to meet FOST(S) tasking and one to meet FOST(N) tasking, the following concurrency and priority considerations will apply:
- i) Lossiemouth sea survival drill commitments will take priority over FOST (N) tasking;
 - ii) The minimum MIO vessel allocated to Serial C5.2 may be the Aircrew Training Vessel nominally allocated to FOST (N) tasking;
 - iii) When only one Aircrew Training Vessel is available for FOST(S) tasking then priority between conflicting FOST (S) Users will be determined by the FOST(S) Organisation;
 - iv) When only one Aircrew Training Vessel is available for FOST(N) tasking then priority between conflicting FOST(N) Users will be determined by Director Training (North).

C5.1	<p>Marine Support to Operational Sea Training (OST) – FOST (S) Force Protection Training Serials</p>	<p>a. One or more vessels are required to participate in surface warfare exercises. This will require the vessels to undertake the role of surface combatants, including providing Fast Attack Craft (FAC) or Fast Inshore Attack Craft (FIAC) threat simulations, or targets of interest for Maritime Interdiction Operations (MIO), including board and search serials, and may require a combination of roles with multiple vessels. Threat simulations may be of the designated type eg specific country FIAC or the generic type eg a fishing vessel.</p> <p>b. <u>Specific serials include:</u></p> <ul style="list-style-type: none"> i. <u>SurfEx 429 / 981</u> – to provide suitable asset to act as a suspicious merchant vessel or an opposition warship in a MIO / MSO scenario. ii. <u>SurfEx 421</u> - to provide a simple or advanced simulation of a Fast Inshore Attack Craft (FIAC) during a FIAC encounter exercise. As directed by FOST SO2 (Phase 2). iii. <u>SurfEx 425</u> – to simulate a FAC designated threat as directed by the sponsoring FOST Staff Warfare Officer (SWO). This serial forms a part of the ‘Thursday War’ exercise. 	<p>Navy Cmd FOST COMOT</p>	<p>a. <u>SurfEx 429 / 981</u>. 1 x 27m craft for up to 30 serials pa. Each serial will last between 2 to 3 hrs between 1900 and 2200.</p> <p>b. <u>SurfEx 421</u>. 1 x 27m or 12m craft for up to 80 serials pa. Each serial will last for between 30 and 120 minutes, predominantly during daylight hours with an occasional night.</p> <p>c. <u>Surfex 425 ‘Thursday War’</u>: Generally 1 x 27m craft for up to 44 serials pa. A 12m craft can be substituted for the 27m craft if agreed with the relevant SWO. Each exercise will last up to 2½ hours between 0800 and 1400 Local</p>	<p>See C5</p>
------	---	--	------------------------------------	---	---------------

Serial No.	Major Contract Requirement	Related Requirement or Information	Authorising Authority	Customer's Estimated Quantity	Performance Standard
		<p>iv. <u>BoardEx – Boarding Training Serials</u> involving the boarding and searching of the contracted vessel and the participation of the vessel crews in role-playing different scenarios.</p> <p>v. <u>Phase 3 / DCT for Frigates and Destroyers (FF and DD)</u> - usually a generic surface threat, but may include a designated surface threat such as that provided for Surfex 425, or a FAC and/or FIAC threat.</p> <p>vi. <u>'Other serials'</u> – these may include: Index; Transits; Maritime Security; Salvex; Surface Search; SalvEx and /or TowEx; and NATO BoardEx.</p> <p>c. <u>Areas of operation:</u></p> <p>i. <u>SurfEx 421 and 'Other Serials'</u> – As directed by the relevant SWO within the South Coast exercise areas.</p> <p>ii. <u>Surfex 425 and Phase 3 (FF / DD)</u> - English Channel between Lands End and Portland and up to 50 nm from the coast.</p> <p>d. <u>Programming:</u></p> <p>i. <u>SurfEx 429 / 981</u> - serials take place on a Monday between 1900 and 2200 hrs.</p> <p>ii. <u>SurfEx 421</u> - serials may occur on a weekly basis, generally on Mon – Wed. FIAC threat but may be required on alternative days. Task bookings will be made two weeks in advance.</p> <p>iii. <u>Surfex 425</u> – required each Thursday as part of the 'Weekly War' scenario for up to 44 weeks.</p> <p>iv. <u>Phase 3 / DCT training serials</u> - generally takes place on any working day with the exception of Thursday; it is also common for these Phase 3 serials to take place on a number of weekends.</p> <p>v. <u>'Other' Serials</u>. These will be undertaken during the normal FOST working week.</p> <p>vi. <u>Other than for serial Surfex 429 / 981, the Contractor is to allow for up to 15 early starts / late finishes per year.</u></p> <p>vii. For Phase 3 serials the Contractor is also to allow for serials to take place on up to 20 weekend days per year and on up to 10 separate weekends.</p>		<p>Time.</p> <p>d. BoardEx Serials. Up to 50 Serials pa. Each serial will last between 2-3 hrs.</p> <p>e. <u>Phase 3 for FF / DD</u>: Generally not requiring more than 1 x 27m craft. Some serials may require an additional 12m craft where this is available. Up to 20 serials pa. Each serial will last between 2-3 hours for a FAC/FIAC threat and a half day for a designated threat, though this may on occasions extend up to 8hrs. On a number of occasions multiple FIACs will be required.</p> <p>f. <u>Other Serials</u>. Up to 50 serials pa. Almost always 1 x 27m craft.</p>	

2C-41

Serial No.	Major Contract Requirement	Related Requirement or Information	Authorising Authority	Customer's Estimated Quantity	Performance Standard
C5.2	Marine Support to Operational Sea Training (OST) – FOST - JTEPS Force Protection Exercises (Joint Warrior)	<p>a. The service required is to provide a Fast Attack Craft (FAC) and Fast Inshore Attack Craft (FIAC) threat simulation and a Maritime Interdiction Operations (MIO) Platform to pre-designated plans as part of the Joint Warrior Exercise. Tasking for larger craft will be as boarding targets, FAC for Anti Surface Force Air Operations (ASFAO), FAC / FIAC co-ord as part of a SWARM, surface target for subs.</p> <p>b. 1 Surfex 428 vessel operating for 2 full days - two times per year (typically the MIO vessel, and is included within the 12 full days identified for the MIO / FAC vessel).</p> <p>c. <u>Operational area:</u> Within the Joint Warrior area of operations as defined by the following points: 5500N 01200W - 6100N 01200W – 6100N 00000W – 5500N 00000W – origin. Within this overall boundary, craft will not be required to work outside the geographical limits of their workboat code certification.</p> <p>d. <u>Programming:</u> The tasking serials form part of 2 exercise periods of two or two and half weeks undertaken during the end of March / beginning of April and the end of September / beginning of October each year.</p>	Navy Cmd FOST JTEPS	<p>a. A minimum of 1 x MIO / FAC operating for 12 full days – two times per year.</p> <p>b. 2 FIAC vessels operating for 12 full days each – two times per year.</p> <p>c. Where resource availability allows, up to 2 such MIO / FAC craft for the Autumn exercise and up to 3 such craft for the Spring exercise may be requested. Also where resource availability allows, up to 3 FIAC vessels for the Autumn exercise and up to 4 such craft for the Spring exercise may be requested.</p>	See C5
C5.3	Marine Support to Operational Sea Training (OST) – FOST (S) Swarm Attack Serials (South)	<p>a. The service required is to provide suitable marine assets for multiple vessel (swarm) fast inshore attack simulations to pre-designated formats.</p> <p>b. The task will consist of a number of serials within an overall duration of 6-8 hrs in daylight hours. The overall duration will be subject to weather conditions and the ability of vessel crews to remain at sea.</p> <p>c. The overall total number of vessels required will be between 10 and 15, to form 3 to 4 groups of 3 to 5 vessels. The craft are to include 1 x 27m control vessel, 1 x 12m craft as a group leader.</p> <p>d. <u>Operational area:</u> Plymouth exercise areas.</p>	Navy Cmd FOST COMOT	<p>a. Up to 6 occasions per year.</p>	See C5

Serial No.	Major Contract Requirement	Related Requirement or Information	Authorising Authority	Customer's Estimated Quantity	Performance Standard
C5.4	Marine Support to Operational Sea Training (OST) – FOST - JTEPS Swarm Attack Serials (Joint Warrior)	<p>a. The service required is to provide suitable marine assets for multiple vessel (swarm) fast inshore attack simulations to pre-designated formats.</p> <p>b. The task will consist of a number of serials within an overall duration of 6-8 hrs in daylight hours. The overall duration will be subject to weather conditions and the ability of vessel crews to remain at sea.</p> <p>c. The overall total number of vessels required will be between 12 and 16 in total to form 3 to 4 groups of 3 to 5 vessels. The craft are to include 1 x 27m control vessel, and 1 x 12m craft as a group leader.</p> <p>d. <u>Operational area</u>: Within the Joint Warrior area of operations as defined by the following points: 5500N 01200W - 6100N 01200W – 6100N 00000W – 5500N 00000W – origin. Within this overall boundary, craft will not be required to work outside the geographical limits of their workboat code certification.</p> <p>e. <u>Programming</u>: The tasking serials form part of 2 exercise periods of two or two and half weeks undertaken during the end of March / beginning of April and the end of September / beginning of October each year.</p>	Navy Cmd FOST JTEPS	a. Up to 2 pa.	See C5

Serial No.	Major Contract Requirement	Related Requirement or Information	Authorising Authority	Customer's Estimated Quantity	Performance Standard
C5.5	Marine Support to Operational Sea Training (OST) – FOST(N) Force Protection Training Serials FOST (SM)	a. <u>Specific Serials include:</u> i. <u>Surfex 420 / 421</u> – advanced anti FAC / FIAC manoeuvring against multiple threats. Testing a more realistic application of 'Rules of Engagement' (ROE). ii. <u>ISTAR</u> . Provide an asset to act as a hostile target to locate, monitor, track and report. iii. <u>Safety Craft</u> . Provide asset to act as safety craft for SF exercises in Loch Long (D98) and at BUTEC. b. <u>Areas of Operation:</u> i. <u>Surfex 420 / 421</u> – In vicinity of Cumbrae Gap on an inbound transit or Loch Long if the weather is inclement or SM has started from Loch Goil. ii. <u>ISTAR</u> – between Mull of Kintyre, Isle of Skye and South Uist. iii. <u>Safety Craft</u> . Loch Long and between Kyle of Loch Alsh and Rona. c. <u>Programming:</u> i. <u>SurfEx 420 / 421</u> : This is a 1 day serial for each sub conducting OST (SSBN and SSN). ii. <u>ISTAR</u> – This would be an ad hoc requirement in support of SSN OST programmes. On average there are 3 SSN OSTs per annum, in addition the Submarine Command Course (SMCC) may also use the 27m craft in this role.	Navy Cmd FOST COMOT	a. All serials will generally require 1 x 27m craft. b. <u>Surfex 420 / 421: 8 times</u> per year for 1 day on each occasion. c. <u>ISTAR: 5 times</u> per year for 4 days on each occasion. d. <u>Safety Craft: 3 times</u> per year for 2 days on each occasion.	See C5

Serial No.	Major Contract Requirement	Related Requirement or Information	Authorising Authority	Customer's Estimated Quantity	Performance Standard
C5.6	Marine Support to Operational Sea Training (OST) – FOST(N) Force Protection Training Serials FOST (MPV)	<p>a. In general support to MPV OST is to be provided 5 weeks either side of each of the Joint Warrior Exercises (see C5.4), across two periods totalling 22 weeks. Support may be required outside these periods and if so requests will be made at least 2 months in advance. Any tasking serials required to be met outside the 22 wk period identified above are to be supported where other Authority commitments allow.</p> <p>b. <u>Specific serials include:</u></p> <p>i. <u>SurfEx 420 / 421.</u> Providing assets for advanced anti FAC/FIAC manoeuvring against multiple threats.</p> <p>ii. <u>Base FP.</u> Asset to act as FAC / FIAC during base FP exercises, providing a waterborne threat whilst the ship is alongside.</p> <p>iii. <u>Area Familiarisation.</u> Familiarising bridge teams prior to OST with the local area.</p> <p>iv. <u>SOLAS Training.</u> Act as the stricken vessel to exercise RN Vessels in the procedures for providing SOLAS assistance.</p> <p>v. <u>TOWEX.</u> Act as a casualty vessel to exercise RN Vessels in the procedures for passing and conducting a tow.</p> <p>c. <u>Areas of operation:</u></p> <p>i. <u>SurfEx 420 / 421. Clyde Estuary, Gareloch and Loch Long.</u></p> <p>ii. <u>Base FP. Gareloch.</u></p> <p>iii. <u>Area Familiarisation. Gareloch and Clyde Estuary.</u></p> <p>d. <u>Programming:</u></p> <p>i. Core OST occurs 10 times per year - approximately every month.</p> <p>ii. Standard working day for FOST(N) serials is 0800 to 1700 though FOST units may sail as early as 0745 and return as late as 1900.</p>	Navy Cmd FOSTN COMOT	<p>a. All serials will generally require 1 x 27m craft.</p> <p>b. <u>SurfEx 420/421:</u> Up to 60 serials of approx 1 hr per year – approx 5 serials per month during core OST.</p> <p>c. <u>Base FP serials.</u> Up to 10 serials per year, one exercise per core OST. Serials will last from between 1 to 2hrs each.</p> <p>d. <u>Area Familiarisation.</u> Approx 4 serials per year. Each serial will last for up to 4 hours.</p> <p>e. <u>SOLAS Training.</u> Up to 10 Serials per year of 4 hrs duration during the MCMV OST and RCOPV OST.</p> <p>f. <u>TOWEX.</u> Approx 6 Serials pa of 3 hrs duration during MCMV OST.</p>	See C5

Serial No.	Major Contract Requirement	Related Requirement or Information	Authorising Authority	Customer's Estimated Quantity	Performance Standard
C5.7	Marine Support to Operational Sea Training (OST) – FOST (S) Board and Search Exercises 1 Assault Group (RM)	a. The service required is to provide a platform or platforms for board and search training serials and exercises. b. <u>Specific Serials include:</u> i. <u>Board and Search Course.</u> Craft boardings. ii. <u>Advanced Tactical Cox'n Course.</u> A suitable marine asset with which to undertake 'Pacing Drills'. This involves approaching a vessel that is making way and holding position adjacent to the boarding ladder. c. <u>Areas of operation:</u> i. <u>Board and Search Course.</u> Plymouth Sound. ii. <u>Advanced Tactical Cox'n Course.</u> Plymouth Sound. d. <u>Programming:</u> i. Board and Search Courses (BSC) take place 8 times pa iaw the dates in the BSS Training Programme for that training year. ii. The Board and Search Course boarding serials take place on Wed and Thu of Wk 2 of the course and on Tue and Wed of Wk 3 of the course. iii. <u>Advanced Tactical Cox'n Course.</u> These courses take place 6 times per year iaw the dates in the RNSOS training programme for that training year.	Navy Cmd FOST COMCORE	a. All serials will generally require 1 x 27m craft. b. <u>Board and Search Course.</u> A vessel of at least 26m is required for up to 40 serials pa , with up to 7 serials in any one month. Each serial will last from between two to three hrs. Crew are required to 'role play' with the minimum participation of a Master, Mate and 2 x Crew. Appropriate arrangements will need to be made with the Authority and/or MCA to allow for the maximum of 15 students on board for training. c. <u>Advanced Tactical Cox'n Course.</u> A vessel of at least 26m is required for up to 54 serials pa , with up to 9 serials in any one month; 3 x 4hrs and 6 x 3 hrs. Each of the serials will last for up to 3 - 4 hrs.	See C5

Serial No.	Major Contract Requirement	Related Requirement or Information	Authorising Authority	Customer's Estimated Quantity	Performance Standard
------------	----------------------------	------------------------------------	-----------------------	-------------------------------	----------------------

Support to Operational Sea Training (OST) – Vessel Requirements

Due to the specific safety and training requirements of providing support to Operational Sea Training, any vessel engaged in meeting such training must have the following minimum specific attributes:

Surfex 425 Fast Attack Craft (FAC) / Maritime Interdiction Operation (MIO) / Patrolex / Salvex / Boardex / 'Other Serials'

- a. A craft of at least 25m overall length.
- b. An MCA type approved radar with a radar range of at least 12nm and an automatic plotting aid;
- c. An electronic position fixing system capable of storing and retrieving an MOB position with a single button operation;
- d. A dual watch marine band VHF transceiver and MF/HF transceiver;
- e. Capable of operating at speeds of 18 knots in sea state 3 and at a lesser speed in up to sea state 5.

Fast Inshore Attack Craft (FIAC)

- a. A small fast craft of around 10-15m overall length;
- b. Radar with a minimum effective range of at least 12nm, a minimum radar horizon of 5 nm and an automatic plotting aid;
- c. An electronic position fixing system capable of storing and retrieving an MOB position with a single button operation, accuracy to within 10 metres for 95% of the time;
- d. Dual watch marine band VHF and DSC;
- e. Capable of operating at speeds in excess of 28 kts (a lesser speed may exceptionally be acceptable, though not less than 25kts); capable of operating at 25 knots in sea state 3, 18 knots in sea state 4 (up to 2m significant wave height) and capable of undertaking the task at lesser speed in up to sea state 5 (these criteria are not required to be met when carrying passengers);
- f. Capable of operating at up to 60 nm from a safe haven.

Swarm Attack Craft

- a. A small fast craft of around 8m-15m overall length;
- b. An electronic position fixing system capable of storing and retrieving an MOB position with a single button operation, accuracy to within 10 metres for 95% of the time;
- c. Marine band VHF;
- d. Capable of operating at speeds in excess of 30 kts (a lesser speed may exceptionally be acceptable, though not less than 25kts); capable of operating at 25 knots in sea state 3, and capable of undertaking the task at lesser speed in sea state 4 (up to 2m significant wave height);
- e. **At least one of the craft** is to be fitted with a radar with a minimum effective range of 12nm, a minimum radar horizon of 5 nm and an automatic plotting aid;
- f. **At least one of the craft** is to be fitted with a dual watch marine band VHF and DSC.
- g. Capable of operating up to 30 nm from the coast with a suitable 'mother craft'

2C-47