

Senate Standing Committee on Foreign Affairs, Defence and Trade
QUESTIONS ON NOTICE — Budget Estimates Hearing, 26 & 27 March 2020
Department of Defence

Department of Defence QON Index – Budget Estimates 2020-21

QoN	Senator	Broad topic	QuestionText	WrittenH	Hansard Page
1	Penny Wong	NSAB: Managing COVID	<p>Senator WONG: I understood from Professor Winter's evidence that options around managing COVID and other pressures, rescheduling—all of those options—have been provided by BAE to government. I'm asking: is there a time frame for such a decision to be made? ¶Senator Reynolds: As I said, we are very carefully working through—and we have been since the beginning of COVID—to consider any potential COVID related impacts. I will seek further advice on this and take on notice this matter and endeavour to provide any information we are able to in relation to your questions. I just want to make certain that I'm not going into cabinet-in-confidence. ¶Senator WONG: All I'm asking about is a time line, actually. The evidence is you have issues in this program. There have been previous issues around compression of schedule and the risk associated with them, as documented by the Auditor-General. That's resulted in some decisions being made. We now have evidence that BAE has put options to government. I'm just asking: as yet you haven't considered and determined what to do as a consequence of those options? I'm asking what the time frame around that is. ¶Senator Reynolds: I am still considering options put forward by ASC Shipbuilding, as you said, and BAE and also recommendations from Professor Winter and the board. We are deliberating on those at the moment, and we will make a decision when we're ready to. I will take the detail of that on notice and endeavour to get back to you if there is any more information I can provide on that.</p>	Hansard	9-10
2	Penny Wong	NSAB: LOTE	<p>1. Senator WONG: Can you give us any dates around that program of work that you were advised about in March? ¶Mr Finlay: I don't think I can off the top of my head, Senator. I can take that— ¶Senator WONG: Do you recall—was there any discussion with you about— CHAIR: So that question is taken on notice? ¶Mr Finlay: I can take that on notice. ¶Senator WONG: What you were advised? ¶Mr Finlay: No, the dates—you were asking specifically about the dates on the program of work. ¶Senator WONG: Have you been briefed again subsequently? ¶Mr Finlay: No, I think we are scheduled to do another one</p>	Hansard	21

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			before the end of this year. ¶ Senator WONG: One of your recommendations was that planning for LOTE needed to be accelerated. Did the CASG briefing reflect that recommendation? ¶ Mr Finlay: I believe so, Senator, yes. ¶ Senator WONG: In other words, they were going to do things more quickly? Would that be reasonable? ¶ Mr Finlay: Yes. ¶ Senator WONG: What concrete steps can you tell me that you understand have been taken to accelerate planning for life of type extension? ¶ Mr Finlay: I think it's the program of work that was outlined to us, Senator. I can't refer to that off the top of my head, but I can take it on notice and specifically give you the program of works that was advised to us by CASG.		
3	Penny Wong	NSAB: Lead Times options SA vs WA	¶ Senator WONG: What lead time were you briefed with for either the hybrid or the full transfer? ¶ Mr Finlay: I thought it was more in the order of three to four years, not six. Can I take that on notice?	Hansard	24
4	Penny Wong	Collins Class Submarines	¶ Senator WONG: So we'll have basically five extended ones 15 years from now as the preponderance of our submarine fleet. In 2035, what's the average age of the Collins fleet? ¶ Mr Sammut: Can I take that on notice, Senator?	Hansard	31
5	Penny Wong	Attack Class and Collins Class Submarines	¶ Senator WONG: If we assume that life-of-type extension starts at 2026, you start, it takes you two years, you get another decade, and you start withdrawing at 2038. Assuming the two-year cycle, it would be then 2040, 2042 et cetera. How many Attack classes are you assuming at 2042, and how many Collins class? ¶ Mr Sammut: Six. And at that stage, 2042, we would be at four Collins class. So if you took a preponderance of six and five, you'd probably say that around 2040 would be the preponderance. ¶ Senator WONG: So six and four at 2042? ¶ Mr Sammut: I believe so. I will clarify that if I've got that wrong, but that's what I believe, just based on an extrapolation and, as we said, on a nominal drumbeat of one Attack class delivered every two years and subject to government decisions on the number of LOTE activities to take place across the Collins fleet.	Hansard	34
6	Penny Wong	Hekmatullah	¶ Senator WONG: I will ask Senator Payne those questions, Senator Reynolds. I'm actually not trying to make a political point. I think there is very clear support across the political spectrum for how this individual ought be treated and that he should	Hansard	43

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			not be released, given the crimes that he committed against Australians. I'm simply asking you to tell us whether or not, in the context of your engagement with your counterpart, which you've spoken about, you've been able to obtain as yet any assurances around his continued detention. Senator Reynolds: I will take that particular question on notice and get back to you because I've got nothing further to add at this stage. I will take that on notice and get back to you.		
7	Penny Wong	\$44.3 billion in the budget 2018-19	<p>Senator WONG: Let's ask the same question absent the cost blowout. You've told me that, as at mid-2018— I'll give you the actual—\$44.3 billion in the budget 2018-19 could not be disclosed for commercial reasons. You've subsequently agreed with me that the signing of the head contract in December 2018 alleviated the confidentiality concerns, which meant that you could then make it public. I'm asking: why was it not made public until the 2020 Defence Force structure plan? Does anybody want to help?</p> <p>Ms Lutz: We were also negotiating. We were also going through the batch 1 scope, so I believe that we obviously wouldn't want to disclose while we were negotiating that scope, which is ongoing now.</p> <p>Senator WONG: Come on! Secretary Moriarty, it's not a decision on policy; it's not an announcement on acquisition. It is what an already announced project will cost. Whose decision was it to sit for two years on the increased cost of the project?</p> <p>Mr Moriarty: I'll take that on notice.</p> <p>Senator WONG: You don't think that transparency with people is important? Minister, can you explain why the government delayed announcing or disclosing that the cost had increased so dramatically?</p> <p>Senator Reynolds: To start off with, all I can comment on is what I've done in my time as minister. As the secretary said, we have been very transparent on this and all other projects in the Force Structure Plan. As to what may have happened before my time with other ministers, I will take that on notice.</p> <p>Senator WONG: That was 2019, wasn't it? Were you aware at that time that the publicly disclosed cost of the frigates project was substantially less than the actual cost that the government had determined it would be?</p> <p>Senator Reynolds: I will definitely have to take that on notice and go back and review my recollections on that. Again I could not have been any more transparent in this—</p> <p>Senator WONG: Who prepared the budget release that you put out in February 2019? This was when you had responsibility for defence industry and Mr Pyne was Minister for Defence. This was in relation to 2019-20, so this was</p>	Hansard	44-46

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			<p>after the confidentiality issues had been dealt with. You referred to the Hunter class as valued at \$35 billion. That's in a release of 2 April 2019. On 31 March this year, you and Minister Price also issued a media release referring to the \$35 billion Hunter class frigate program. That is patently misleading. You knew at the time you put that out that it was not a \$35 billion program. ¶Senator Reynolds: As I said, I'll take all of that on notice, because I don't want to mislead you here, and I do need to go back and check. ¶¶Senator WONG: Did Defence have any involvement in preparing both of those press releases—the budget press release of April 2019 and a subsequent press release in 2020 for Senator Reynolds and Ms Price? ¶¶Mr Moriarty: I'd have to check that. ¶Senator WONG: Why did you put out a release last year saying that it was a \$35 billion program? ¶Senator Reynolds: I've taken that on notice, and I'll get back to you on that. ¶... ¶Senator WONG: Why did you put out a release last year saying that it was a \$35 billion program? ¶Senator Reynolds: I've taken that on notice, and I'll get back to you on that. ¶</p>		
8	Penny Wong	Media Release regarding \$35 billion	<p>Senator WONG: Who prepared the budget release that you put out in February 2019? This was when you had responsibility for defence industry and Mr Pyne was Minister for Defence. This was in relation to 2019-20, so this was after the confidentiality issues had been dealt with. You referred to the Hunter class as valued at \$35 billion. That's in a release of 2 April 2019. On 31 March this year, you and Minister Price also issued a media release referring to the \$35 billion Hunter class frigate program. That is patently misleading. You knew at the time you put that out that it was not a \$35 billion program. ¶Senator Reynolds: As I said, I'll take all of that on notice, because I don't want to mislead you here, and I do need to go back and check. ¶Senator WONG: Did Defence have any involvement in preparing both of those press releases—the budget press release of April 2019 and a subsequent press release in 2020 for Senator Reynolds and Ms Price? ¶¶Mr Moriarty: I'd have to check that.</p>	Hansard	44-45
9	Kimberley Kitching	CASG Organisation Chart	<p>Please provide a complete organisational chart of CASG that includes not just the leadership but also the ¶Positions that sit under the leaders.</p>	Written	

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10	Penny Wong	Shipbuilding contract	<p>Senator WONG: So you think it will be \$45.6 billion in today's—whatever it is—2020 dollars, obviously nominal, going forward? ¶Ms Lutz: That \$45.6 million contains contingency. ¶Senator WONG: You've made a couple of comments about what the \$45.6 million includes and you've said that it includes contingency. What did you also say earlier? I didn't write it down. ¶Ms Lutz: It includes the facilities: land-based test site upgrade— ¶Senator WONG: What else does it include? ¶Ms Lutz: It includes the FMS costs, the foreign military sale costs; it includes project management office costs; it includes test and evaluation costs to operational testing. ¶Senator WONG: Anything else? ¶Ms Lutz: It includes the main contract. It includes all of the government-furnished equipment that is not foreign military sales. ¶Senator WONG: Is that it? I'm not trying to trick you; I just want to know if that was the end of the list. ¶CHAIR: I'm sure that the witness would have continued if there was— ¶Senator WONG: She was looking at me. Perhaps, on notice, you can just confirm that? ¶Ms Lutz: On notice, I can confirm that. ¶Senator WONG: Provide some company to the categories? ¶Ms Lutz: Yes. ¶Senator WONG: Are you able to give me a breakdown of how the contract price is attributed against those items? ¶Ms Lutz: I will have to take that on notice.</p>	Hansard	49
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11	Penny Wong	ASC Shipbuilding	<p>Senator WONG: I think somebody said that it was 54 per cent for design and productionisation. ¶Ms Lutz: Yes. That is the current phrase, design and productionisation. ¶Senator WONG: So under the strategy each phase has a different percentage? ¶Ms Lutz: They have an overall percentage they need to meet and then how they meet that is through each phase. So each phase has an AIC plan, and that will be contractually binding. ¶Senator WONG: And that is all public or not public? ¶Ms Lutz: There is a public AIC plan at present, and that public AIC plan at present for the design and productionisation phase has ASC Shipbuilding achieving 56 per cent for this phase. ¶Senator WONG: What else have you broken it down to? Under the 58 per cent, which I understand is over the life of the contract, you've got 54 per cent for design and productionisation. ¶Ms Lutz: Yes. ¶Senator WONG: Can you give me any other figures? Maybe on notice, you could do that? ¶Ms Lutz: There are predicted figures as to how they are going to achieve that. So for batch 1, it is expected that the AIC will be around 60 per cent; then ASC Shipbuilding is expected to be achieving around 65 per cent for batch 2 and batch 3. ¶Senator WONG: Are you, on notice, able to explain to me which of those is a prediction and which of them is actually legally enforceable and what each relates to? ¶Ms Lutz: At present— ¶Senator WONG: No. I'm asking you to take that on notice. ¶Ms Lutz: Yes, I can take that on notice.</p>	Hansard	50
12	Rex Patrick	SEA 500 master schedule	<p>Senator PATRICK: In relation to a couple of milestones with the SEA 5000, when did the integrated logistics system scoping study Contract Change Proposal occur? I have a deterministic date from previous answers—30 August 2019. Did it occur on that day? ¶Ms Lutz: No, we deliberately pushed the finals back, because you obviously need integrated logistics support data to be able to finalise that CCP. That</p>	Hansard	51

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			<p>CCP will be finalised in November of this year. ¶Senator PATRICK: So a year beyond what was originally scheduled?¶Ms Lutz: We moved it out deliberately. ¶Senator PATRICK: Can you provide, as Mr Sammut has done, an integrated master schedule for the Future Frigate Program—not something that is in the Naval Shipbuilding Plan, but your integrated master schedule at contract baseline? ¶Ms Lutz: Yes; the design and production phase? ¶Senator PATRICK: You must have an overall master schedule. The master schedule belongs to the Commonwealth? ¶Ms Lutz: That's a nominal schedule. ¶Senator PATRICK: Yes, that's fine.¶Ms Lutz: As I have just said, we're negotiating the batch one, so the batch one schedule. ¶Senator PATRICK: Is it commercially sensitive? ¶Ms Lutz: Yes. ¶Senator PATRICK: So they don't know what your planned schedule is? You're negotiating— ¶Ms Lutz: We're negotiating with ASC Shipbuilding. ¶ Senator PATRICK: Okay, so they know what it is. How does disclosing it publicly corrupt the negotiation? The people you are negotiating with know what it is. ¶Ms Lutz: I'll take that question on notice.</p>		
13	Rex Patrick	Hunter Class: Out-turn forecast expenditure Australia	<p>Senator PATRICK: All right. How much of the \$45.46 billion out-turn is forecast to be spent satisfying Australian taxes, customs duties, insurances, bank fees and corporate overheads? That was described as the method by which some of the Australian industry content would be calculated. ¶Ms Lutz: There are a set of Australian contract measurement rules that we are going to follow. They've just recently been released so I can't answer the percentage that would be included. ¶Senator PATRICK: Could you take that on notice? ¶Ms Lutz: Yes, I can take that on notice</p>	Hansard	56
14	Penny Wong	Pacific Step-Up expenditure	<p>Senator WONG: So the \$400 million is over five years commencing in which financial year? ¶ Mr Groves: I'd have to check but I think it was either 2017-18 or 2018-19.</p>	Hansard	65
15	Penny Wong	Underspend of Capital budget	<p>Senator WONG: No, I'll need to come back. Can you come back after the break with more detail on the \$3.1 billion you mentioned? I was a little unclear; is that included in the \$6.7 billion? ¶Mr Groves: It is part of the \$6.7 billion. The four major components within the \$6.7 billion are: the foreign exchange, the transfers to ASD, the \$2.5 billion that I mentioned around government defence priorities and the \$3.1 billion is the balance, which is where we have seen some delays against the spend</p>	Hansard	66-67

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			profile. ¶ Senator WONG: I would like to understand which projects were reprioritised and by how much. ¶ Mr Groves: I can't get that in the break, Senator.		
16	Andrew McLachlan	Submarine battery tender	¶ Senator McLACHLAN: Thank you, Chair. I just have a few questions in relation to the submarine battery tender process, so if someone could assist me? My first question is: one of the companies involved is called, I think, 'Sunshine'. I'd just like some clarity around its ownership structure. Is it a publicly listed company? Is it a wholly owned subsidiary? ¶ Mr Sammut: I'd have to take that on notice and get back to you with its ownership status. It is sometimes hard to determine based on listings and the Stock Exchange and where they go to. We do know, of course, it's a company in Greece and it has provided submarine batteries to France in the past. ¶..... ¶ Senator McLACHLAN: Yes, I did my best endeavours, but I seek your assistance to understand the ultimate ownership structure. I understand that company is a key supplier to Germany and TKM—is that correct?—in its submarine program? ¶ Mr Sammut: I'm not sure exactly who it has supplied to extensively in the past. I do know that it has supplied batteries to France for its submarine battery needs. ¶ Senator McLACHLAN: If you could just find out whether it's also supplying TKM, whether it is a key partner and whether that partnership is continuing? ¶ Mr Sammut: Yes, Senator ¶	Hansard	69-70
17	Penny Wong	Senator Kitching QON(ref Q2079) - period of 2016-17 to 2020-21 - the top 10 acquisition projects	¶ Senator WONG: Thank you. Can we go back to the capital budget? Just to summarise it, in the capital budget, Mr Groves, you said you couldn't help me with any detail on the 3.1? ¶ Mr Groves: Not in the time frame that you're talking about, Senator. We had provided information along these lines to Senator Kitching. They are slightly different and over a different time period, and the question asked us to focus on the top 10 projects. ¶ Senator WONG: Which question on notice answer is that? Mr Groves: My reference is Q2079. ¶ Senator WONG: I am not sure that I have that here. Mr Groves: It is 18 September 2020. ¶ Senator WONG: Could the secretariat provide me with that? Mr Groves: What I am trying to do with that, Senator, is to see whether we can get a summary that looks over that period of 2016-17 to 2020-21, which is the basis of your analysis, because the information that we provided to Senator Kitching was over a different time period. ¶ Senator WONG: I do want to see the bit showing which projects have had the biggest	Hansard	70

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			shortfalls in investment over the last four years compared to the original plan. Are you able to tell me about that? ¶ Mr Groves: The response that we went back to Senator Kitching on, in that QON, was on the top 10 acquisition projects— ¶ Senator WONG: Do you want to read down? Mr Groves: as at AEs 2019-20. Senator WONG: Can you tell me what it was as at the additional estimates? You don't have the same data as at today? ¶ Mr Groves: I don't have it over the same period of 2016-17 to 2020-21, which is what you handed to me on that sheet, and what I was referencing back to that. Senator WONG: But you can get that to me later? ¶ Mr Groves: I believe I can for those top 10 projects where we have already done the analysis.		
18	Penny Wong	Top 10 acquisition projects underspend from FY 2016-17 to 2020-21	¶ Mr Groves: I am sorry, I'm generally agreeing with your proposition that there was that level of underspend against the original budget going back to 2016-17. I would say, though, that the FSP has reset a number of those profiles as part of it. ¶ Senator WONG: Can I just say about that—great, you don't spend enough so you then change the baseline again with the FSP—it doesn't actually resolve the fundamental issue which is less capability is being purchased than was anticipated. ¶ Mr Groves: But to be fair, also some of the original estimates in the white paper were just that; they were estimates. They hadn't gone to contract. They hadn't been moved into sort of approved programs in any way. And going back to estimates, it would have been created in 2015-16. They're quite dated and they were exactly that, estimates. And what we're now seeing is that the reality is also coming through. ¶ Senator WONG: Can you confirm that you are saying \$5.7 billion of the \$6.7 billion shortfall is in relation to major capital investments: the JSF One Strike Fighter, an underspend of 560 million; Future Frigates down 250 million; OPVs down 100 million? ¶ Mr Groves: I'd have to just confirm that. I'd like to look at that over the period of what you are asking the question, which was that period from 2016-17 to 2020-21. Some of this analysis looks across a different time period based on the approved budgets that were in place at the time at additional estimates 2019-20.	Hansard	71
19	Penny Wong	Reclassification of \$3 billion from 'operating' budget to 'sustainment'	¶ Mr Groves: Thank you, Senator. What I was going to say is that since the white paper and the categorisation of the Defence budget across four categories, being acquisitions, sustainment, workforce and operating, following the 2016-17 PBS, in the 2017-18 year there was a reclassification, over those four years of expenditure,	Hansard	75

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			<p>that moved around \$3 billion from the 'operating' category to 'sustainment'; hence there was a change in our estimates, and obviously the actual expenditure also went to that new sustainment category as well. ¶Senator WONG: What was the category of operating expenditure which was then reclassified as sustainment? ¶Mr Groves: There's a range of expenditure within the Defence budget, and at the time of the white paper some of it had been classified not as sustainment. But in subsequent iterations of the budget it was considered that it was more appropriate to categorise it as sustainment. It related to a range of categories, around fleet support and some of our lease costs that had previously been put under the operating category at the white paper and moved to sustainment. ¶Senator WONG: Do you have any more detail, because I'd like to understand exactly what categories are within the \$3 billion? ¶Mr Groves: I don't have on me any further detail. ¶Senator WONG: Can you give that on notice, please? ¶Mr Groves: I can take that on notice.</p>		
20	Penny Wong	Explanation of metrics around reduced activity and increased cost	<p>¶Senator WONG: No, we are talking about budgeted hours and actual hours and the difference between them. We've had the discussion about the sustainment budget. We've had the discussion about the capital budget. I'm now looking at cumulative budgeted and actual hours and the shortfall between them, and I'm trying to understand what is driving that shortfall. Can Mr Groves help me? Can the secretary help me? ¶Mr Moriarty: I only do dollars, Senator. ¶Vice Adm. Noonan: Maybe we could take this particular question on notice and break it down in terms of those specific capabilities that you're asking about. ¶Senator WONG: Okay. I'd like to understand why there's a shortfall as between budgeted and actual hours of 8.6 per cent for Navy major combatants and a shortfall of nearly 11 per cent for Navy minor combatants, and why the F-35A Lightning has delivered cumulative flying hours 25.3 per cent lower than expected over the last four years and those of the Growler are 27 per cent lower than budgeted. For the C-27J Spartan, we've got very poor deliverables: it was budgeted for 18,500 flying hours over four years but only delivered half of it. For Tiger helicopters, flying hours are 41.8 per cent below what was planned, and the MRH-90 Taipan flying hours are down 22.8 per cent. So I want to understand why. Do you want to take it on notice, Chief? ¶Vice Adm. Noonan: Yes, please, to give a full answer across all those capabilities. ¶..... ¶Senator WONG: These deliverables in the PBS is an attempt to get some metrics around availability</p>	Hansard	79-80

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			<p>through the budgeting process. I accept what CDF has said that, obviously what you're tasked with by government, what your command structure requires you to do, that actually generates what you do, but this is an attempt to get some metrics around availability? ¶Vice Adm. Noonan: That's right. ¶Senator WONG: Correct. You come back to me when you're able to do that. Senator PATRICK: This goes to an exact example Senator Wong was talking about. She did ask about the C-27Js. Their sustainment budget was \$69 million for last year; that was in the estimate. The actual was \$88 million yet the flying hours were down considerably from 7,500 to 3,014. Mr Fraser told the JCPAA lower levels of operations and flying will reduce the cost to the Commonwealth as the contract has profit at risk for performance. So that's a really strange example. The hours have gone down, the costs has gone up yet the claim was made that there's a performance based contract and, if they don't fly as much as they should, the Commonwealth saves money. Can someone explain that? ¶Air Marshal Hupfeld: I would seek that updated advice from CASG. ¶Senator PATRICK: As you're providing answers to Senator Wong, the other piece of information that's really useful is how much is the sustainment cost against that reduction in availability? Because right across the sustainment issue, as she's already mentioned, there are increases. From where we stand, it looks like you're getting increased sustainment costs and lower outputs, and that's of concern.</p>		
21	Penny Wong	Additional budget reclassification in addition to \$3 billion identified	<p>Senator WONG: It's a \$3 billion footnote in 2017-18. ¶Mr Groves: Yes. ¶Senator WONG: What other reclassifications have there been between those budgets? Senators are entitled, the parliament is entitled to compare apples with apples. ¶Mr Groves: There are none that are footnoted. ¶Senator WONG: None that are footnoted—excellent! That fills me with confidence. Senators are entitled. You come to the parliament to appropriate monies; that's what these estimates are about. And senators are entitled to look at budget papers and understand what more Defence is seeking, where there have been changes. And where those changes result from accounting treatment changes which are not transparent to the parliament, I think it is reasonable for us to ask what they are. So what more, other than the \$3 billion that we have identified today, has occurred?</p>	Hansard	81

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22	Penny Wong	Classifications between the three budget categories (capability, acquisition and operating)	Senator WONG: Can you provide us with the definition of what is included in each of those budget categories on notice, please. And perhaps, secretary, it would be useful to understand how you might disclose that, when there's simply a shift from one column to the other. ¶ Mr Moriarty: Yes, we will take that on notice.	Hansard	82
23	Timothy Ayres	Anticipated budget for the series of AIC audit	Senator AYRES: No. The gap between the announcement and the delivery keeps getting wider and wider. Has an amount been budgeted for this audit to occur? What is the anticipated cost per quarter or for every financial year? Have you budgeted an amount for this audit process, if I understand it properly? ¶ Mr Fraser: We have suitable provision to cover auditing for at least the near term. ¶ Senator AYRES: What's that? ¶ Mr Fraser: Can I take that on notice as to how I answer that, given— ¶ Senator AYRES: Because there's a question of commercial in confidence? ¶ Mr Fraser: Yes.	Hansard	90
24	Timothy Ayres	MRH-90 Manufacturer	Senator AYRES: This is the enhanced armament system? ¶ Mr Fairweather: Yes. ¶ Senator AYRES: It was through the original contract but it wasn't the same manufacturer, was it? ¶ Mr Fairweather: No, the current one, the Taipan gun mount, is being done— ¶ Senator AYRES: I will come to that in a moment. That second gun mount was provided through the same contract but a different manufacturer. Who was the manufacturer? ¶ Mr Fairweather: It was before my time. I'd need to check it, but I'm sure that was also through—I'll have to check that one for you.	Hansard	3
25	Timothy Ayres	MRH-90 Gun mount procurement	Senator AYRES: Preference was the M134 and it couldn't accommodate that. ¶ Mr Fairweather: It could not accommodate the minigun. ¶ Senator AYRES: Why did Defence procure a gun mount that couldn't accommodate the preferred weapon? ¶ Mr Fairweather: That was well before my time. I'd have to— ¶ Senator AYRES: Is anybody else in a position to help me with that. ¶ Lt Gen. Burr: We might need to come back to you on that, but as we transition the MRH-90—	Hansard	4
26	Timothy Ayres	MRH-90 Gun mount safe stowage	Senator AYRES: And now Defence has procured a third gun mount, but, to allow roping operations, the new gun mount has to be safely stowed so that the helicopter won't be able to fire while people are conducting roping ¶and rappelling operations. That's a fair summary of what's gone on here, isn't it? ¶ Mr Fairweather: I just need to confirm whether it is safely stowed or if it can be in the deployed	Hansard	6

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			station.¶ Senator AYRES: Say that again.¶ Mr Fairweather: Whether it is in the stowed position inboard or in position outboard and just can't be fired.¶ Senator AYRES: But, in any case, it can't be fired, can it?¶ Mr Fairweather: That's the correct statement.¶ Senator AYRES: Pretty extraordinary.		
27	Penny Wong	MRH90 gun mount procurement leadership engagement	Senator WONG: How early in the procurement was the command structure aware of these issues?¶ Gen. Campbell: We'd have to take it on notice, given—as I think it was mentioned earlier—the decision for the acquisition was in 2005.	Hansard	9
28	Rex Patrick	MRH90 gun mount ongoing cost	Senator PATRICK: Did the remedy cover the cost of the ongoing developments in respect of the guns?¶ Mr Fairweather: I'll have to come back on notice. The Taipan gun mount—I know did not. I'm unclear whether the enhanced gun mount lay or did not lay within that settlement. I'll confirm that one with you.	Hansard	9
29	Concetta Fierravanti-Wells	Port of Darwin	Senator FIERRAVANTI-WELLS: I would invite you to, if you wouldn't mind, have a look at the evidence that was elicited in relation to the port of Darwin, especially the submission by the Northern Territory government. I raise this because it's very clear from the response that was given by the Northern Territory government that, given the retrospectivity of those bills, the possibility of a change in the port of Darwin lease is envisaged. The submission also goes to just compensation in the event of the lease being ceased. Given the current FIRB rules, clearly, were a decision about the port of Darwin taken today, the lease would not have been granted. On that basis, and given the fact that we are seeing a growing US presence in the Northern Territory and a growing need for a much more strongly strategic approach, I am very concerned to see reports that we are not concerned about the presence of Landbridge and the continuation of this lease in the Northern Territory. Even at the time the port was sold, media report showed that Landbridge was a subsidiary of Shandong Landbridge Group, a private company founded in 2011. In 2013, its billionaire owner was named by the Chinese government as one of the top 10 individuals caring about the development of national defence. It was found to have extensive links to the CCP and the PLA. Indeed, in an interview in Beijing in 2016 Mr Ye said the Darwin port investment 'fits the company's strategy to expand its	Hansard	17

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			<p>shipping and energy interests and serve China's foreign policy goal known as One Belt, One Road'. I am very concerned about the situation of the port of Darwin. I have said that publicly. Chinese corporate law states that 'in accordance with the provisions of the constitution of the Communist Party of China, Communist Party organisations shall be set up within companies to carry out activities of the party. Companies shall provide the necessary conditions for the party organisation to carry out these activities.' I've stated those concerns publicly. Is it time for us to revisit the question of the port of Darwin? Given the growing security concerns that are arising, given the growing presence and the need for us to have a greater presence, and given the necessity for our allies to access those areas increasingly, how can we still maintain a position that the port of Darwin is not a national strategic asset and that having it in the hands and control of a Chinese entity is not a strategic security concern for Australia?</p> <p>Mr Moriarty: What I will do is familiarise myself with the evidence that was given at that inquiry. You would understand that these are policy issues that sit outside of Defence. But, to the extent that there are Defence equities involved in that, I will take that on notice and respond.</p> <p>Senator FIERRAVANTI-WELLS: I have also put certain questions on notice to the Northern Territory government which go to the heart of the issues we've discussed. Assuming the Northern Territory government gives answers to questions on notice. I would appreciate it if you could have a look at those and come back to me with your response.</p>		
30	Penny Wong	Root-and branch review of Army capability in 2016	<p>Senator WONG: I understand there was a root-and-branch review of Army capability in 2016. I'm trying to work out whether former CDF Houston commissioned it or if you, CDF, commissioned it?</p> <p>Gen. Campbell: I commissioned it and Sir Angus Houston, as you know, the former Chief of Defence Force to undertake that review.</p> <p>Senator WONG: What were the terms of reference?</p> <p>Gen. Campbell: Broadly speaking, to look at Army aviation now and into the future, and make recommendations on how to improve, optimise, make recommendations, develop and sustain the capability. The Chief of Army, who has come to the table, will probably have a more contemporary awareness. I haven't touched it for a</p>	Hansard	17-18

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			<p>while. ¶ Senator WONG: When was it provided to you? ¶ Gen. Campbell: I think it was 2016. ¶ Senator WONG: Was it ever released? ¶ Gen. Campbell: It's a classified document; no, it wasn't released. ¶ Senator WONG: Was there no public version? ¶ Gen. Campbell: No. ¶ Senator WONG: Did it go to the suitability of MRH-90s? ¶ Gen. Campbell: I can't recall, unless the Chief of Army is aware. ¶ Lt Gen. Burr: As I recall, it talked about the aviation system and some of the fragility of the system, and made recommendations how the system could be improved across a range of areas. ¶ Senator WONG: Did it go to the helicopters we have just been discussing? ¶ Lt Gen. Burr: I would have to take that on notice. ¶ Gen. Campbell: It talked about all helicopters, all aspects of Army aviation. The detail and so forth are classified, but we'd have to check. ¶ Senator WONG: Why don't you do that? Why don't you give me on notice what you can? Are you happy to do that? There may be aspects of it or at least the broad remit, which you can go to without doing something illegal. I assume it had recommendations, CDF? ¶ Gen. Campbell: It did. ¶ Senator WONG: Can you tell me if they have been acted upon? ¶ Gen. Campbell: As I recall, some of those recommendations were about immediate issues, others were about medium-term, and others were about very long-term issues, so they had been progressively acted upon. Some of those recommendations were issues that might be at the end of life of capabilities, might be with regard to the positioning of capabilities. So it could be a period of years, many years in some cases, until the right conditions were set for the next step. ¶ Senator WONG: On notice, tell me what you can about the review and tell me what you can about recommendations and how they have been progressed. Shall we do it that way? ¶ Gen. Campbell: Yes.</p>		
31	Timothy Ayres	Estate Works Program	<p>Senator AYRES: Can you also tell me later on today how many packages have been awarded to a foreign company or a foreign owned Australian subsidiary in that group? ¶ Mr Grzeskowiak: That might be a little bit harder for us to come back with today.</p>	Hansard	18-20

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32	Penny Wong	AWDs	<p>Senator WONG: How does the cost of up to \$4.4 billion compare with the cost of building an entire AWD? Ms Lutz: The budget for AWD is currently \$9.1 billion. Senator WONG: How much did it cost to build one of them? Ms Lutz: I don't have those figures, because with all the figures you need to take out all the facility and additional costs. The cost per tonne we said yesterday was \$365,000. Senator WONG: You've already built them. How much did it cost per boat? Ms Lutz: I don't have that figure on me. I'd have to get— Senator WONG: Can I get the calculation? What have we spent date? I'm just trying to get a sense. Ms Lutz: It's not right to do \$9.1 billion divided by three.</p>	Hansard	23-24
33	Penny Wong	OPVs	<p>Senator WONG: So it's 36 plus how many training vessels?</p>	Hansard	27
34	Penny Wong	Budget with Luerssen	<p>Senator WONG: So how much less did we pay Luerssen as a consequence? Was it more than \$55 million less, or was it \$10 million less? Ms Lutz: I wasn't at the tender— Senator WONG: With all due respect, you've been very professional in answering my questions, but there have been a number of Defence officials who've come to the table who say, 'I don't know anything about what happened before me.' The portfolio is represented at estimates. So can someone tell me what was the reduction in cost with Luerssen as a consequence of us making a decision to separately contract with the third party? Mr Dalton: We'll take that on notice. Ms Lutz: I think we need to take it on notice.</p>	Hansard	27-28
35	Rex Patrick	OPV	<p>Senator PATRICK: Did the second pass approval of the OPV specifically approve Defence to contract directly for the supply of the sea boats? Mr Moriarty: We'll take that on notice, Senator. Ms Lutz: We can take that on notice.</p>	Hansard	30
36	Jordon Steele-John	Afghan Inquiry – records embargo	<p>Senator STEELE-JOHN: Are you able to provide us—potentially, I think, on notice—the details of the request that came from the Afghan inquiry? Did they give you reasoning as to why, after four years, they thought now was the time to ask you for such an embargo? Dr Clarke: I'll take that on notice.</p>	Hansard	32-33

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37	Jordon Steele-John	Afghan Inquiry - records embargo steps	Senator STEELE-JOHN: Thank you. Prior to this coming into effect, what steps have you taken to identify whether prior to this freeze documentation records, as you've just defined them there, have not been destroyed?¶ What steps have you taken to proactively identify whether that has taken place prior to this point?¶Dr Clarke: That's a question for the task force.¶ Gen. Campbell: The task force has been active in this case in anticipation of the 20-year adjustment as was described with regard to what are potentially permissible destructions in a properly authorised manner within the¶Archive Act. More generally to your question, the Afghanistan inquiry has been provided all materials	Hansard	32-33
38	Jordon Steele-John¶	Afghan Inquiry – mechanisms in place¶	Senator STEELE-JOHN: I just want to clarify—what do you mean by 'sense'?¶ Gen. Campbell: You just implied that potentially people might have been destroying documents before the Inspector-General's inquiry commenced. I have absolutely—¶ Senator STEELE-JOHN: I was asking you what you had done to make sure that had not been happening?¶ Gen. Campbell: I understand. We can take that on notice, but I just wanted to say I have absolutely no sense of that occurring. We're going to take on notice the actions that you've asked— ... We'll get back to you through the question on notice process to advise with regard to any formal actions taken to assure records from 2001 onwards.	Hansard	32-33
39	Jordon Steele-John	Afghan Inquiry – body cam footage	Senator STEELE-JOHN: If helmet footage or body cam footage was held by an ADF member in question, when does it pass to being an officially held Defence record, in your view?¶ Dr Clarke: I'd have to take that on notice.	Hansard	33
40	Penny Wong	Defence Export Control – UAE Group	Senator WONG: The Financial Review reported that this group, the UAE group, may have been involved in selling weapons to rebels in Syria and Libya. The comment that the defence department gave to the media at that¶time was that it was conducting further due diligence as a result. What is the status of those investigations and due diligence?¶ Ms Lutz: I'll have to take that as a question on notice.¶ Senator WONG: Do we have anybody here who deals with defence exports—what's the long title of the legislation?¶ Mr Moriarty: The defence export controls act. I think we probably—¶ Senator WONG: Was that the nature of the due diligence, Mr Moriarty?¶ Mr Moriarty: I'm not aware of the exact nature of the	Hansard	33

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			<p>inquiry—¶Senator WONG: Somebody is walking up. Is this somebody who can help? I'll repeat the question. This is in relation to International Golden Group, which is the parent company of Boomeranger, which is the supplier of our¶military boats. There was a public report last year that this group may have been involved in selling weapons to rebels in Syria and Libya. Defence gave public comment that it was conducting further due diligence as a result.¶Can someone update me on what that due diligence indicated?¶Mr Moriarty: I will check to see if—we'll take that on notice.</p>		
41	Jacqui Lambie	Captain Paul John McKay	<p>Senator LAMBIE: Once this was raised, why did it take so long to remove this particular person from the Defence Force, well over a year, while this member was sitting on full pay?¶Gen. Campbell: I might see if either of my colleagues can respond to your question. I would just note that, in all of the work done, whether by the inspector-general or other disciplinary and administrative processes, there is a consideration of procedural fairness and all of the other checks and balances that are part of our system.¶Senator LAMBIE: So, do you believe that it is fair that this person stayed an additional year to give him the opportunity to bully other members of the Australian Defence Force and be allowed to draw a salary?¶Gen. Campbell: Again, I'm not in a position to respond to a question with so many assertions in it. But I think the Chief of Army might be able to help with some facts in this matter.¶Lt Gen. Burr: I am vaguely familiar with the specifics of the incident—or the matters of the issue—that you raise, but I'm not able to talk to those right now. I'm happy to take them on notice.</p>	Hansard	37
42	Jacqui Lambie	J40 waiver – RSM-A minute	<p>Senator LAMBIE: Certainly. My question is: is it appropriate that a commanding officer is asking his men to sign a waiver that, obviously, he has written, because it is signed by him, so he can get them out in the field or out on the range?¶Lt Gen. Burr: Thank you.¶Senator LAMBIE: And is that becoming common practice of other commanding officers in the military? My next question is about health.</p>	Hansard	38

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43	Jacqui Lambie	Investigation commencement of 2011 and 2012 RMC Dr Barbara Thomson	<p>Senator LAMBIE: You are not aware of what happened back in 2011 and 2012 at the Royal Military College with Dr Barbara Thomson? ¶ Rear Adm. Sharkey: I am aware of— ¶ Senator Reynolds: Chair. ¶ CHAIR: Minister? ¶ Senator Reynolds: Chair, can I just confirm with you and Senator Lambie, given that this might be an ongoing investigation or some ongoing matter, I think it would be very unwise to start naming names and going through particular cases. Could I just get some guidance from you on this matter? ¶ CHAIR: CDF? ¶ Gen. Campbell: Chair, as I understand from what has been said in terms of the dates and the location, it is an ongoing matter and it shouldn't be publicly discussed. ¶ CHAIR: Thank you. ¶ Senator LAMBIE: Alright. But I would like to know how long you have been investigating that for? ¶ Gen. Campbell: I understand that it may be an issue that an appropriately authorised body is looking to, but I don't think I'm in a position to speak further about it. ¶ Senator LAMBIE: I think it's fair for me to ask why it has taken so long. It is because of public pressure? That's why I want to know how long you've been investigating it for. ¶ CHAIR: The actual time possibly is an appropriate question, but I don't think any assertions made about the time should be made until such a time as the whole investigation is completed. Do we know when the investigation started? ¶ Gen. Campbell: We'll have to take it on notice</p>	Hansard	39
44	Jacqui Lambie	Defence and DVA engagement – 2011 and 2012 RMC ordeal	<p>Senator LAMBIE: Thank you. Back to health—unfortunately, I didn't get to ask this of DVA last night. Are you speaking to each other in reference to those people that were involved in 2011 and 2012 to make sure that they are now receiving medical treatment and the claims are getting done and completed now? We're now eight years later, and some have been waiting 10 years for their claims to go through. Is there any interaction between you and DVA to help those men and women out there that went through that ordeal back at RMC? ¶ Rear Adm. Sharkey: There is a lot of close interaction between Defence and Joint Health Command and DVA in relation to the management of serving members and veterans. I would need to take on notice that question specifically in relation to those specific individuals. ¶ Senator LAMBIE: That's great. I have the list of names here if you require them. ¶ Rear Adm. Sharkey: That would be helpful.</p>	Hansard	39

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45	Jacqui Lambie	MINDEF endorsement Dr Boss on LinkedIn	<p>Senator LAMBIE: You had an endorsement for Dr Boss on your LinkedIn page but deleted it shortly after she was announced as interim commissioner. Why did you do that? Senator Reynolds: As I said last night, this process has entirely been done through the Attorney-General. The selection process is not for Defence and not for DVA; it is for the Attorney-General. As I confirmed last night, I have taken on notice what names were appropriately referred as cabinet colleagues to the Attorney-General for consideration for this purpose. I did refer her because, as I said last night, I thought she had all of the capabilities. She's a coroner, a magistrate and a veteran, so I did put her name forward, along with a number of other names, to the Attorney-General. Again, it was entirely his decision. I had no involvement whatsoever in the selection process. Senator LAMBIE: Once again, you didn't answer the question. Why did you delete the endorsement? Senator Reynolds: To the best of my knowledge, I have not changed any social media platforms. I would have no need to. Senator LAMBIE: But it was deleted. You or one of your staff have control of your LinkedIn page. Why would that be deleted? Senator Reynolds: I will take that on notice, but I can tell you now that I have not made any changes to my social media pages, because, quite simply, there is no need to.</p>	Hansard	39-40
46	Rex Patrick	Hawkei: Thales shift of Australian work to India	<p>Senator PATRICK: My understanding is that there's a proposal to shift some of the Australian work to India in respect of an opportunity in India for Thales. These are things filtering through to me from industry. Obviously we've invested a lot in this capability. As we know from the Auditor-General's report, there was an additional cost associated with the Australian industry capability. I don't criticise that. But I would hate to see, with us having paid all that money, the work then disappearing offshore. That's the nature of my question. Major Gen. Bottrell: Yes, I understand that. I'm not aware of that. It could well be something in relation to future potential export opportunities. We are tracking very closely, in conjunction with Thales, their Australian industry capability commitment, which is for 50 per cent. Currently they are tracking above that, but I'm not tracking any specific plans to send work offshore to India. But I can take that on notice if you want. Senator PATRICK: Okay. If you wouldn't mind, I ask if you could perhaps liaise with Thales and find out if there is anything going on in the background.</p>	Hansard	44

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47	Rex Patrick	LAND 400 Phase 2: Rheinmetall contracted companies	<p>Senator PATRICK: ... On the LAND 400 phase 2, the Boxer, are you the right person for that? Do you have an AIC target or requirements in the contract for— ¶Major Gen. Coghlan: Yes, we do. The AIC commitment on the current contracts is approximately 53 per cent of the total contract value. That represents \$1.685 billion inclusive of taxes due to use insurances, bank fees et cetera. As of 30 June, Rheinmetall reported achievement of \$220 million towards its AIC commitment under the contract. This is approximately \$50 million less than where they should be. The main reason for that is that they are late in a number of vehicles, and therefore they have not been paid and the AIC has not flowed through. ¶However, not in the AIC contract is an announcement by the Prime Minister two weeks ago, at the opening of MILVEHCOE, where Rheinmetall secured a contract for around \$150 million to export the Boxer turret from the phase 2 program to a foreign government, so that will increase AIC considerably. Up to 14 October, ¶Rheinmetall have contracted 87 companies to a total of over \$134 million in AIC. ¶Senator PATRICK: Can you, on notice, just list those companies? ¶Major Gen. Coghlan: Yes, I can.</p>	Hansard	45
48	Rex Patrick	Fair Work Commission and litigation case regarding terminated employee	<p>Senator PATRICK: The bit of the story that doesn't appear to be in your answer to the question on notice is, I understand that matter then went to the Fair Work Commission. Can you tell me what the outcome of the Fair Work Commission was in terms of orders, any costs awarded to the person involved, and also legal costs? I don't mind if you mix those up together and aggregate them. ¶Ms Greig: It was an unfair dismissal claim. The result was actually a terms of settlement agreed through the Fair Work Commission process. ¶Senator PATRICK: So the Commonwealth paid money to the terminated employee? ¶Ms Greig: I can't comment on the terms of the— ¶Senator PATRICK: You are before Senate estimates, and there is nothing that fetters you answering my question. This is a matter of public expenditure. What it goes to is, I'm concerned that you have conducted an investigation, terminated someone, then you go to the Fair Work Commission, the Fair Work Commission finds that the Commonwealth was in error, and you end up paying money to the person involved, not to mention whatever adverse effect that might have had on that person. I would like to understand how much Commonwealth funds resulted from the Fair Work Commission. Let's just start: was a payout made to the person</p>	Hansard	46-47

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			<p>involved? ¶Ms Greig: There is an agreed confidentiality of terms. ¶Senator PATRICK: Let's just keep it broad. Did you end up paying this person? ¶Gen. Campbell: I think this question should be raised with the Fair Work Commission. If there's a confidentiality agreement, we shouldn't be inventing what parts of the agreement we can breach. ¶Senator PATRICK: You can see my concern, General. ¶Gen. Campbell: I can. But it is the way the laws have established the commission, and we have to play by their rules. So ask the question to the commission. ¶Senator PATRICK: I understand that. I'm not questioning the commission. The commission has made orders against the Department of Defence, or at least a conciliation has occurred. I'm trying to find out whether or not Defence then paid money, having wrongfully dismissed someone. ¶Gen. Campbell: I think we will need to refer to the confidentiality conditions which may bind us in what we say. ¶Senator PATRICK: Not before this tribunal, not before the Senate it doesn't, because— ¶Gen. Campbell: I'd ask the chair to advise us once we have the terms of the confidentiality agreement. ¶CHAIR: Once we have the agreement. I think it's also not unknown that matters are settled in the Fair Work Commission with what is sometimes called go-away money. I'm not sure if that is the case in this situation. But until we have the detail and the officials can fully acquaint themselves with it, I think— ¶Senator PATRICK: Maybe take the question on notice. ¶CHAIR: Yes, it ought to be taken on notice. ¶Senator PATRICK: I don't necessarily need to understand the quantum. I'm interested in whether we have ended up paying money for a false dismissal. It gets worse, Chair. My understanding is that elements of that matter then went on to be litigated in the New South Wales Supreme Court, in which there was another Defence member who was a party to that. My understanding is that the Commonwealth paid the other party's costs. Can I find out whether that's correct? ¶Ms Greig: I think we need slightly more information, but head Defence legal, who manages on our behalf cases involving any defamation of our employees, may be able to assist with that answer. ¶Ms Jones: We will take that on notice and provide information in any relation to that matter in the New South Wales Supreme Court, as well at the other issue about the other settlement with the Fair Work Commission. ¶Senator PATRICK: Okay. With my last question, I'll just say to you that the judgement in respect of that defamation action is public. It is</p>		
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			<p>anonymised, but nonetheless it is public. That's how I've seen it transfer from the District Court to the Supreme Court. My major concern here is that the person who was taken to court for defamation was the person who raised the allegation—in some sense a whistleblower—and that might be why in the end the Commonwealth has paid their legal fees. But I also want to know what the result of the defamation was. Was it successful? It raises all sorts of questions about the protection of whistleblowers and the scope of defamation when you make an allegation about somebody. I just want to get a feel for what's going on there, because it really raises some concerns. ¶Ms Jones: Understood, Senator.</p>		
49	Jim Molan	Spearpoint: Materials deployed in Israel	<p>¶Senator MOLAN: Thank you. And the last point on uniforms was that there is an ability for us to use certain materials which have been developed in Israel in order to lower the signature of both individuals—people—and vehicles. I live in the electorate of Eden-Monaro, which has Queanbeyan in it, and the company Spearpoint in Queanbeyan is promoting this. Can you tell me where we are on this issue, please? ¶Major Gen. Bottrell: I'd have to come back to you. I know the company Spearpoint quite well, but I'm not tracking that specific issue, so I'd have to take that on notice and come back to you.</p>	Hansard	49
50	Penny Wong	Triton: Final Operating Capability	<p>¶Senator WONG: Your explanation probably clarifies this, but, in the question on notice from Senator Kitching, Q1821, there is a list of 46 projects, of which this is one. It's item 44 on the schedule to this. ¶Air Marshal Hupfeld: What was the number of the question on notice? ¶Senator WONG: Q1821. It may have been a chamber question, not an estimates question. ¶Air Marshal Hupfeld: I'm not familiar with that one. ¶Senator WONG: There are questions on notice in the chamber as well as questions on notice here. This is a chamber question. The minister's answered it. She answered questions about the quarterly report that I've referenced and there is a list of projects with IOC and FOC dates. What does that mean again? ¶Air Marshal Hupfeld: Initial operating capability and final operating capability. ¶Senator WONG: That's it. For the Triton, the IOC, the initial operating capability, was 24 July and the FOC was 25 December. Achieved or forecast was 25 July to 26 July for IOC and 28 to 29 July for FOC. ¶Air Marshal Hupfeld: That's the current figure. ¶Senator WONG: Yes, I know. But, if it's a two-year delay, I am</p>	Hansard	53-54

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			<p>wondering why it is closer to three. I assume that it's because the pause at two years at best doesn't start until January 2021; is that right? ¶Air Marshal Hupfeld: Unless my CASG colleagues have got the details, the decision on the budget is taken— ¶Senator WONG: No, this is capability. I want to understand why it has been pushed back for longer than what I understood to be the funding pause from the Trump administration. Can someone explain that? Can we get this document? I indicated that I would be asking about Triton. This is what you have said is the forecast FOC. I want to understand why it's longer than what I understood to be the pause. ¶Air Marshal Hupfeld: When the production pause was announced on 11 February we took action to review what that meant. We engaged with the US Navy to understand the circumstances. Needing to take some time to understand the circumstances around the production pause led to us needing to take delays on decisions for the acquisition of the third Triton, which also included decisions around the facilities build for the Triton program. Those delays meant a one-year delay to facilities, which was a significant reason for a one-year delay to the initial operating capability and a respective delay to the FOC as well. ¶Senator WONG: But it's longer. My whole point is that it's longer. The original approved FOC is December 2025. The achieved or forecast FOC that you've advised the parliament of is July 2028 to 2029, so it's the 2028-29 financial year. It's longer than the pause. That's what I'm asking you to explain. ¶Air Marshal Hupfeld: I'll take that on notice just to get clarity for you on that.</p>		
51	Penny Wong	Triton: \$200 million US contribution	<p>¶Senator WONG: Let's be clear. Are we actually paying Australians to contribute or are we just giving the US government \$200 million to contribute to the development of the Triton? Which is it? ¶Air Vice-Marshal Hoffmann: We do both. ¶Senator WONG: Okay. How much is which? How much is just transferred to the US government and how much is our people actually participating? ¶Air Vice-Marshal Hoffmann: That dollar figure would not reflect our people's contribution; that would be separate. So it would be all a contribution to their— ¶Senator WONG: So this is \$200 million that we literally hand over? ¶Air Vice-Marshal Hoffmann: I'll have to take on notice the \$200 million, because I can't say— ¶Senator WONG: Can we have someone at the table who— ¶Air Vice-Marshal Hoffmann: If it is about a figure for the total combined, then, yes, it's</p>	Hansard	54-55, 58

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			<p>all provided to the US cooperative program. ¶Senator WONG: So who can come to the table and explain to me how the \$200 million— ¶Air Vice-Marshal Hoffmann: I think we need to— ¶Senator WONG: This is not the question on notice which is your question on notice. I'm now talking off the Prime Minister's announcement. We need a Ms Lutz for this? ¶Air Vice-Marshal Hoffmann: I'm not sure we're connecting the dots on what that is, but I would have to take that on notice to have a look at it. ¶Senator WONG: I will read it. The Prime Minister, the Minister for Defence and the Minister for Defence Industry joint media release of 26 June 2018 reads: ¶The Turnbull Government will invest \$1.4 billion and acquire the first of six MQ-4C Triton remotely piloted aircraft through a cooperative program with the United States Navy. ¶The Triton will complement the surveillance role of the P-8A Poseidon aircraft through sustained operations at long ranges as well as being able to undertake a range of intelligence, surveillance and reconnaissance tasks. ¶Together these aircraft will significantly enhance our anti-submarine warfare and maritime strike capability, as well as our search and rescue capability. ¶As part of this investment Australia will also enter into a \$200 million cooperative program with the United States Navy for the development, production and sustainment of the MQ-4C Triton. ¶Can someone please tell me whether that just means that we give that money to the US? ¶Air Vice-Marshal Hoffmann: Correct; in proportion for the number of aircraft we have on record—so it's a pro rata contribution—for the production, sustainment and development of that aircraft capability. That is what we are contributing to. ¶Senator WONG: Of the \$200 million, particularly with the pause, how is that budgeted for and what has been expended? Is there someone who knows the numbers? ¶Air Vice-Marshal Hoffmann: We can get that number to you, but we'll have to take that on notice. ¶Senator WONG: I told people this morning that I would be asking questions about Trident. It is not an unreasonable question. Why is no-one at the table able to answer the questions? ¶Air Marshal Hupfeld: We are continuing the cooperative program in accordance with the schedule. ¶Senator WONG: But can you tell me what it is? ¶Air Marshal Hupfeld: We'll get those details for you. ¶Senator WONG: Can you come back? ¶Air Marshal Hupfeld:</p>		
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			<p>Yes, we can get those. ¶Senator WONG: Today—thank you. ¶Air Marshal Hupfeld: It is a commitment from the US Navy. Even though the proposed budget includes a production pause, the US Navy have committed to the continuing development of the Trident capability. ¶Senator WONG: I'm not demurring; I actually want to understand what we budgeted for, where it is coming from and how we are paying it. Do we just literally put money over there? It sounds like the people are separate. So whatever we are spending in terms of personnel—funding for officers to go over and engage there—is separate and in addition to the \$200 million. So I want to understand what is budgeted and what is spent on the \$200 million and whether that has been affected at all by the pause. Now you have the question on notice. So you will come back on that?¶¶Page 58¶Senator WONG: Reduce the \$200 million. Has anyone been able to identify how that's budgeted? ¶Air Marshal Hupfeld: If our decision was to reduce— ¶Senator WONG: No. I just want to know how is it currently budgeted for? Where in the forward estimates is it? How much per year? How are you staging it? How much is being paid? ¶Air Vice-Marshal Hoffmann: It's within the project. ¶Senator WONG: I still want to know. That's not an answer. 'Within the project' is not an answer to that question. Is this what you are still taking on notice, getting someone here who can actually tell me— ¶Air Vice-Marshal Hoffmann: Yes, how many we've paid— ¶Senator WONG: There must be a line item in the forward estimates for that project. ¶Air Marshal Hupfeld: It will be. ¶Senator WONG: Thank you. ¶Air Marshal Hupfeld: I don't have that information with me at the moment. I'll take it on notice.</p>		
52	Penny Wong	Triton: RAAF Base Edinburgh and RAAF Base Tindal facilities and infrastructure work	<p>Senator WONG: We know the cooperative program is \$200 million. What is the cost of the facilities and infrastructure works? ¶Air Vice-Marshal Hoffmann: The information I have is that, in the first approval, we have \$364 million for new facilities and infrastructure at RAAF Base Edinburgh and RAAF Base Tindal. And, as you mentioned, there's the \$200 million cooperative program payment in that as well. ¶Senator WONG: And you don't have over what period. ¶Air Vice-Marshal Hoffmann: No, I don't have that broken down. ¶Senator WONG: For Tindal and Edinburgh, they are not pro rata. Tell me: I assume you need the same infrastructure and facilities for one or two as you do for seven, broadly. There's a baseline you're</p>	Hansard	59

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			going to have to get to, correct? ¶ Air Marshal Hupfeld: It's very similar. We're prioritising to Tindal. ¶ Senator WONG: And the \$364 million is over about how long? ¶ Air Vice-Marshal Hoffmann: Over a couple of years. I don't have an exact time line here, but that would be over years. That's to get the facilities in place in time for the arrival of the first aircraft. That would be the intent. ¶ Senator WONG: If we assume this document that you gave me that I then gave back to you is correct, the achieved or forecast IOC is July 2025 to July 2026, so that financial year. So this expenditure would have to occur in the years 2023-24 and 2024-25. ¶ Air Vice-Marshal Hoffmann: Correct. ¶ Senator WONG: Can you come back to me on notice to confirm that for the \$364 million? What sorts of works are there? ¶ Air Marshal Hupfeld: There are hangars, taxiways, parking aprons and other secret-level infrastructure to support the coms networks and data link et cetera. ¶ Senator WONG: There's no reduction if we purchase fewer aircraft, correct? ¶ Air Marshal Hupfeld: Say that again— ¶ Senator WONG: There's no reduction in the facilities and infrastructure cost, no substantial reduction from the \$364 million, if we purchase seven, six, or two—correct? ¶ Air Marshal Hupfeld: That's correct at the moment. ¶ Senator WONG: Broadly. You'll come back to me. You say there is a reduction in the \$200 million contribution, if we acquire fewer, or not?		
53	Timothy Ayres	ODIN: US cooperative Program	¶ Senator AYRES: Is that cooperative program a similar arrangement to the discussion we just had about the Triton program? Do we fund a component of that cooperative program? ¶ Air Vice-Marshal Hoffmann: Yes, that's correct. The developmental part of the F-35 is funded out of the cooperative program. ¶ Senator AYRES: How much is your expenditure into the cooperative program? ¶ Air Vice-Marshal Hoffmann: I might have to take that on notice. I don't have—	Hansard	61
54	Timothy Ayres	Joint Development Programs	¶ Senator AYRES: I'm familiar from my previous occupation from some of the industry opportunities on the Joint Strike Fighter Program. I would be interested to know, on notice, how many of those joint development programs there are across Defence and how many Australian staff are engaged in that cooperative effort. ¶ Air Vice-Marshal Hoffmann: Across all of Defence? ¶ Senator AYRES: Yes. ¶ Air Vice-Marshal Hoffmann: We'd have to take that on notice.	Hansard	61

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55	Timothy Ayres	JSF TR3 program roll out	<p>Senator AYRES: It's a sophisticated capability. Can Defence advise what changes are expected in the technical refresh 3 program and when they will be rolled out? ¶Air Marshal Hupfeld: I'm not sure what you mean by 'technical refresh 3'? ¶Air Vice-Marshal Hoffmann: It is the next major baseline that's coming out. ¶Senator AYRES: Can you help me with that software? You don't know what that means? ¶Air Marshal Hupfeld: I don't know that I have a list specifically linked to it. We refer to it as TR 3—technical refresh 3. It's the next baseline we are moving the aircraft to in terms of its capability. I'd have to take on notice specifics of what— ¶Senator AYRES: Can you tell me when that will be rolled out and when Australia will start receiving aircraft with those new components.</p>	Hansard	62
56	Timothy Ayres	F-35 Joint Strike Fighter Program changes to joint development capability	<p>Senator AYRES: And it's a consistent feature of these kinds of large acquisitions with the United States. In the report I referred to earlier, the US Congressional Research Service report entitled <i>F-35 Joint Strike Fighter Program</i>, there was a letter that accompanied the report to Congress from Under Secretary of Defense for Acquisition and Sustainment Ellen Lord, who declared an intention to: ¶Begin a deliberate, conditions-based, and risk-informed transition ... from the existing F-35 management structure to an eventual management structure with separate Service-run F-35A and F-35B/C program offices that are integrated with and report through the individual Military Departments. ¶Is that an intention to move to a new phase of operations at their end for the joint development capability, or is she referring to something else? ¶Air Marshal Hupfeld: I haven't had a look at that report, but, in some of the language you've just explained, I think in the mature sense of the capability then perhaps that would happen in the fullness of time. But the Joint Program Office supports the international program members, so it's not just the US and Australia. There are a significant number of other program members. So that part of the program, as the F-35 develops, I would believe and hope would remain as it is. That might be a different issue for the US, to be managed across the services that they have. So there are three services in the US—the US Air Force, the US Marine Corps and the US Navy—all operating F-35s. There may be some other parts in there that are specific to what she would do. A meeting in that position needs an ongoing support to the capability for them. So, I think there's some complexity</p>	Hansard	63

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			<p>in there that I'm certainly not privy to and I would not be able to provide you an answer. ¶Senator AYRES: So you say we haven't been approached about a change to the joint development capability and it may be that that refers to an internal function for the Americans between the arms of the military there, but you will review it and come back to us on notice about what that— ¶Air Marshal Hupfeld: Yes. I don't believe that we have been approached for a change to our relationship in engagement with the Joint Program Office, and I'm not really in a position to comment on what— ¶Senator AYRES: And, if anybody in Defence had, you'd know about it? ¶Air Marshal Hupfeld: Yes. I would hope so! ¶Senator AYRES: That's pretty fundamental. ¶Air Marshal Hupfeld: But I would wish to confirm that and find if that information is available to us, and then we would be able to provide that to you as a question.</p>		
57	Penny Wong	Defence budget process transparency	<p>Mr Groves: The Defence budget process is viewed as a bit of a black box at times and the minister was very keen to provide greater transparency around the budget process. As part of the strategic update and the Force Structure Plan, we produced a budget fact sheet that describes the regular changes that are done to the Defence budget. In particular, we've had discussions today about out-turning and yesterday around out-turning and foreign exchange adjustments. Foreign exchange adjustments, in particular, are being done to our budget in every budget update. As we've heard, the numbers around submarines and frigates vary in every budget update. ¶Also, some government decisions come with additional funding and some also come with an expectation that they will be absorbed and reprioritised within the Defence budget. I mentioned a couple yesterday in relation to work around the Pacific step-up and also in relation to the stimulus measures we did around COVID-19 Assist in the COVID stimulus package that was agreed by the government. It's one of the absorbed measures that you mentioned in table 2 of the PBS, which is the JobMaker plan. That is shown as an absorbed measure, which was around \$1 billion over two years—2020-21 and 2021-22—where we looked at where we could invest additional funding. My colleague Mr Grzeskowiak spoke this morning about the stimulus package in relation to the estate and infrastructure works. Of that \$1 billion, there was \$150 million this year and next year for a whole range of small packages of works that were done to help boost Australian industry during what</p>	Hansard	65

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			<p>were hard times. ¶How we manage those is a constant process. We looked within the Defence budget at where we could re-prioritise things. We knew there would be some COVID impacts on some of our projects. We couldn't quantify those exactly at the time when we were developing that proposal to go back to government, but we knew that there would be impacts. We also knew that even simple things like our expenditure on business travel were going to be far lower in 2019-20 and 2020-21 than what in previous years, and that gave us some opportunities to reprioritise some of our expenditure to focus it into other areas. ¶Senator WONG: Rather than having a qualitative description for that budget measure, the \$150 million over two financial years, is it possible for you to give us a table detailing the \$1 billion divvied up between the components of expenditure and where that has come from, to unpack it? Obviously BP2 only gives you the bottom-line impacts. It's a net position. I'd like to understand the moving parts. I would like to see the list you just did but with numbers associated with them and where they have come from. ¶Mr Groves: Yes, we can take that on notice.</p>		
58	Penny Wong	Defence budget process transparency (Pacific step-up)	<p>Mr Groves: Yes, even though it was outlined in our budget papers that they were absorbed. ¶Senator WONG: Yes. So \$124 million previously announced for the Pacific—you've not able to spend it on whatever was envisaged that the time, so it's been reannounced in this budget for other purposes within the step-up. ¶Mr Groves: Correct. ¶Senator WONG: Is that reasonable? Okay. ¶Mr Moriarty: For example, Senator Wong, we're doing a very good project with Fiji, Blackrock Camp. We haven't been able to proceed with that at the pace that we had hoped, so that's allowed some money to be put into other South Pacific step-up initiatives. ¶Senator WONG: Can you give on notice the same detail that I asked for previously in relation to the JobMaker plan movement of funds, please? ¶Mr Groves: I'm sorry—could you repeat that? ¶Senator WONG: The information I asked you for, which you took on notice, in relation to the movement of funds to offset or to redirect the billion dollars over the two financial years that we were discussing—you said you would give me the component parts, where it came from and where it went, to make the net billion. I'm asking for the same underlying set of transactions that compose the \$124.3 million Pacific step-up budget measure.</p>	Hansard	68

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59	Penny Wong	JORN upgrade	<p>Senator WONG: So 18 months. Would you anticipate that the critical design and detailed design reviews would be similarly delayed by approximately the same period—17 or 18 months?</p> <p>Mr Fairweather: They may in fact be slightly longer than that, depending on where the baseline schedule comes out.</p> <p>Senator WONG: So when was the previous critical design milestone?</p> <p>Mr Fairweather: I don't have that date with me.</p> <p>Senator WONG: And the detailed design?</p> <p>Mr Fairweather: I don't have that date with me.</p> <p>Senator WONG: You can take them on notice?</p> <p>Mr Fairweather: No problem.</p>	Hansard	70
60	Penny Wong	Measuring Australian Industry Capability outcomes	<p>Senator WONG: That's what I'm asking. What are the elements? What are you actually going to do?</p> <p>Mr T Fraser: Mr Halloran, the head of Australian Industry Capability, is responsible for that engagement with industry and small business. If I can give an example from during COVID, which I mentioned briefly to Senator Ayres yesterday, this is an outstanding success in strengthening our relationship with industry. What it's told us is to ensure that we continue to improve the communications between us. Australian industry, defence industry in particular, through COVID is best postured to handle what's coming and, I think, has done as well as, if not better than, anyone in the world. We'll carry with some of those issues with us into Mr Halloran's section, so that we can continue to be a single point for industry entering into defence and, with the work we did under the Centre for Defence Industry Capability review, to assist small business entry into defence.</p> <p>Senator WONG: If we are here next year, what are the measurable outcomes that you could demonstrate progress against?</p> <p>Mr T Fraser: I'll list some indicators for you.</p> <p>Senator WONG: Sure. Whatever you want to call them.</p> <p>Mr T Fraser: If I can take that on notice, because I—</p> <p>Senator WONG: What do you want to call them, KPIs et cetera? To be honest with you, on this stuff, there's a lot of talk. We've seen a bit of it. I'm sure, as I said, you get the same representations or probably many more than members of the committee might get. So I'm trying to get some sense of what your KPIs are and how you'll measure the work that Mr Halloran and others are doing so that when we speak again, next time, you can tell us all the progress you've made against them.</p> <p>Mr T Fraser: Understood. Minister Reynolds is also under a reform program, I think was mentioned by the secretary and associate secretary, separately—or the minister herself. The—</p> <p>Senator WONG: Sorry?</p> <p>Mr T</p>	Hansard	73

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			<p>Fraser: A reform program, to continue to drive us on reform and continue to see improvement as to how we'll continue to do that. That will drive some more indicators. The primary reason for joint systems division is to handle the workload that is coming, very important projects, and, as you've seen through the Force Structure Plan, there's been quite some growth in that work. The issues you've been speaking with us about and questioning us about over the last two days—we need to deliver the equipment and sustain the Defence Force, is the primary issue and primary deliverable. We're striving to continue to improve those, we have to, and are working with industry as a subset to drive the increase in Australian industry opportunities and participation in what—¶Senator WONG: None of that really responds to my question. Do you have any KPIs?¶Mr T Fraser: We do: costs, schedule, capability and the major projects report audited—¶Senator WONG: I know Defence does. We've been doing them—I mean, CASG. But the people engaging with Australian industry, Mr Halloran and his group—what did you call them, the joint—¶Mr T Fraser: No, there are two separate divisions there.¶Senator WONG: They're two separate divisions. He's the head of 'Australian industry capability'. I'm trying to get a sense of whether you have any KPIs. Do you have any objectives? Do you have a number of engagements, a proportion of work that goes to Australian industry? I'm trying to get a sense, apart from a lot of words—can you help me?¶Mr T Fraser: Understood. The real measure of those will be helping the other divisions. But I will find a way in which we articulate the contract suite that we will improve from ASDEFCON so we can work out the time through contracting as a collective right across Defence.¶Mr Moriarty: There has been measurable growth in the number of people involved in Australian defence industry and the number of companies that are engaged, the relationships between CASG and—¶Senator WONG: Yes. Are there measurable objectives, on that front?¶Mr T Fraser: Yes, there are.¶Senator WONG: What are they?¶Mr T Fraser: I'll defer to some work done by Australian Defence Magazine, for example, where they sampled all the small businesses and they all reported back.¶Senator WONG: No, hang on. We've got hundreds of billions of dollars in expenditure on capability. We have stated intention around sovereign capability as part of that—or Australian industry content; I can't recall the phrase. We've had a number of discussions in this context</p>		
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			<p>about particular projects and the way in which, in relation to those projects, those objectives of Australian industry involvement can be realised. I'm trying to assess if you're the interface or the—what did you call it?—single point of entry. Are there any objectives or metrics, performance metrics, around what you do?¶Mr T Fraser: I'm measured by how we run each of those projects: the schedule, the cost, the capability in Australian industry.¶Senator WONG: Sorry, I should have been clear. I was referring to the Australian industry aspect of this.¶Mr T Fraser: Started this year, forming a cell and have formed a cell and—¶Senator WONG: Sorry?¶Mr T Fraser: He only started this year. We only formed that Australian industry capability cell this year.¶Senator WONG: Cell? Okay. You'll come back to us?¶Mr T Fraser: How about if I come back to you?¶Senator WONG: That's fine.¶Mr T Fraser: I'll come back to you with what is truly measurable and we'll find a way to express that.</p>		
61	Penny Wong	Defence facilities as quarantine location for returning Australians	<p>Senator WONG: First, are there any defence bases that could assist in providing quarantine capacity for stranded Australians?¶Lt Gen. Frewen: We have looked at the suitability of defence bases to support quarantine requirements. There are very few defence facilities that are suitable for COVID quarantine, the reason being that the facilities are designed for communal living—barrack-type accommodation, where you have communal eating facilities and communion latrine facilities. In circumstances where we have accommodations that do have individual, say, latrine facilities, they may be in the middle of operational bases, which would potentially expose ADF operational communities to individuals undergoing quarantine, some of whom may be positive. There is also an issue where some of the defence bases are in remote locations and not near appropriate civilian health facilities. We did also look at ad hoc arrangements such as the use of improvised constructions—tent-type facilities—but again you get to the same problems with communal arrangements. The most ideal accommodations through this planning are hotels.¶Senator WONG: Sure. Were you asked by the government to undertake this work or review—however you'd like to describe it—of assessing the possibility for defence bases being—¶Lt Gen. Frewen: We have been engaged in whole-of-government planning in and around the return of Australians—¶Senator WONG: Yes, but when were you asked to do that? When did you commence that?¶Lt Gen. Frewen: This has occurred over recent months.¶Senator WONG: No, no. I asked you when you</p>	Hansard	80

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			<p>commenced it. ¶ Lt Gen. Frewen: I'd have to take that on notice. ¶ Senator WONG: You don't recall approximately? Are we talking April, May, June, July, August? ¶ Lt Gen. Frewen: It would be in the last two months. ¶ Senator WONG: Would it have been after the Prime Minister indicated publicly he had tasked the defence minister, foreign minister and home affairs minister with coming forward with a plan? Did that precipitate this assessment of the possibility of using defence bases? ¶ Lt Gen. Frewen: Again, I'd want to just check the facts to provide you an accurate answer there, but it would be in and around that time. ¶ Senator WONG: Okay. I noticed the hotel quarantine review that Ms Halton undertook talked about, amongst other things, Learmonth RAAF base as a potential quarantine facility. Were any discussions had with Defence prior to Ms Halton making that recommendation? ¶ Lt Gen. Frewen: Again, I'd need to check the precise dates but I understand that consideration of facilities like Learmonth predated the delivery of the Halton review.</p>		
62	Timothy Ayres	Future Submarines Program Australian Industry Content	<p>¶ Senator AYRES: At any point prior to the discussions that we are talking about with Mr Parly, which were discussions prior to the 24 February announcement by Minister Reynolds, did the Australian government propose to the French government or Naval Group that there be a minimum level of Australian content in the Future Submarine program? ¶ Mr Sammut: No. ¶ Senator AYRES: There was no proposition prior to 24 February? ¶ Mr Sammut: We had not proposed, prior to that date, anything specific to Naval Group. ¶ Senator AYRES: And you can't recall whether we put the figure to the French government representatives or they put it to us? ¶ Mr Moriarty: No, I don't recall, Senator. ¶ Senator Reynolds: Senator? ¶ Senator AYRES: Yes, Minister? ¶ Senator Reynolds: We will take part of that on notice. It might be better for the officials to give you an actual answer to that. I will also take it on notice. In fact, I think I have answered this question already on notice. I will go back and refresh my memory. Certainly there were discussions between me and Minister Parly, because I was very keen very early on to make sure that we did get put into the strategic partnering arrangements a floor. So, again, having a look at the benchmarks, as I've said at some length, having looked at the 60 per cent, I certainly did put that to Minister Parly, and it was subject to some discussion. But, if you're happy, we'll take that on notice. I think we may have</p>	Hansard	86

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			already answered that. If not, I will make sure we get an addition to what we have already answered.		
63	Timothy Ayres	Collins LOTE expenditure to date	Senator AYRES: Table 3.3 of the Auditor-General's report in January indicated that between 1 June 2016 and 30 September 2019 just \$21.8 million had been spent on Collins life-of-type-extension work. What's the total that has been spent to date? ¶Mr Sammut: I'll just find that figure for you. ¶Senator AYRES: Yes, of course. ¶Mr Sammut: Can I come back to you on that figure so that I'm correct on that? We have spent more than that as of now.	Hansard	103
64	Timothy Ayres	Future Submarine Program drop-date	Senator AYRES: What is Defence's assessment of the drop-dead date for approval of the scope of work? ¶Mr Sammut: We have indicated in our questions on notice that we intend to take forward this financial year advice to government, seeking approval for the core work scheme. ¶Senator AYRES: This financial year? ¶Mr Sammut: This financial year. ¶Senator AYRES: In 2013—which is a long way back—Defence advised then Minister Johnston that it was mid-2015. ¶Mr Sammut: I don't know whether that was an early approval. This would now be seeking government's approval of the scope to be implemented at that time and procurements that would be necessary to proceed with— ¶Senator AYRES: I was about to come to procurements. There must be a significant lead time between purchase order and delivery. Can you come back to us on notice about the lead team in terms of purchase order and delivery for each of the key packages and what that does in terms of—well, it's described here as a 'drop dead date'—the final date, the latest that the government could approve that work? ¶Mr Sammut: Yes.	Hansard	105
65	Timothy Ayres	Cost of APS ASL	Senator AYRES: Secretary, in 2019-20, the defence department employed 16,129 FTE civilian APS employees, according to the budget statements. Can you tell me what the total cost of those APS employees was? ¶Mr Moriarty: Do you want to take that, Justine? ¶Ms Greig: I think Steven Groves will take it. I'm just going to confirm with you: in the annual report, the 16,129 is the average ASL. ¶Senator AYRES: Yes. Sorry, I used a different phrase, 'full-time equivalents'. That's correct, isn't it? ¶Ms Greig: Yes, it's the average over the year. ¶Senator AYRES: And what's	Hansard	114

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			<p>the total cost of those 16,129? ¶Ms Greig: I'll just ask the CFO to give you the total cost. ¶Senator AYRES: Thank you. ¶Mr Groves: In our financial statements within our annual report for 2019-20, our total expenditure on employee benefits in the 2019-20 financial year was \$12.342 billion. ¶Senator AYRES: Thank you, Mr Groves. According to the ABC— ¶Mr Groves: Sorry, Senator. I should say that's all employees, not just APS. ¶Senator AYRES: Okay. What is the cost of the APS component? ¶Mr Groves: I'm just thinking about whether I have that with me. I don't have it in my notes. ¶Ms Greig: We can take that on notice. I'll just have another look.</p>		
66	Rex Patrick	Australian companies considered to provide Offshore Patrol Vessels (OPVs) to Luerssen	<p>¶Senator PATRICK: That's not the question I asked. I asked very specifically: were you aware of Australian companies that had been considered by Luerssen through the procurement process and assessed as capable of providing sea boats for the OPV? ¶Ms Lutz: I have to take that question on notice.</p>	Hansard	119
67	Rex Patrick	Receipt of a brief or document outlining potential Australian suppliers of OPVs	<p>¶Senator PATRICK: Also, I'll put this question on notice: have you received a brief or a document that outlined potential suppliers of the sea boats that included Australian boat designers and suppliers? ¶Ms Lutz: When? ¶Senator PATRICK: I'm just asking whether or not you have received a brief or document outlining potential suppliers of sea boats that included Australian boat designers and suppliers. You can provide me with the dates if you have been provided with those briefs. I'm happy for you to take it on notice. ¶Ms Lutz: We received, through the RFI we did in April this year, information on the capability of Australian suppliers to design, manufacture and assemble sea boats in Australia. ¶Senator PATRICK: No, I'm talking about during the consideration of the OPVs, to the point where a decision was made to go with the Boomeranger RHIBs and RIC. ¶Ms Lutz: I will take that on notice.</p>	Hansard	119
68	Rex Patrick	Auditor-General's Report OPVs	<p>¶Senator PATRICK: I'm reading from the Auditor-General's report, and he writes: The construction of OPV01 commenced ahead of achieving the adequate design maturity and detail design coordination stability. This issue is a single most significant influencer of the number of design changes that are being experienced at the moment. Effectively, there is a design phase going in parallel with production. ¶He also writes: Issues relating to upper deck design and system integration remained unresolved at the completion— ¶That's at the completion of the design. He goes onto say: The system design for the upper levels</p>	Hansard	119

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			of the OPV was not stable when construction of the OPVs commenced. That tells me that you weren't finished with the above-water design. That's in contrast to the evidence that you've provided. ¶ Ms Lutz: No. On the above-water design for the combat systems design—the zones were impacted mostly by the changes to the combat system, which is the change to the reference ship design, not to the hull. The platform and the hull, especially where the stern release is, were not changed. That review is complete. The detailed design review for the combat system, which is the upper deck, was not complete. That was completed at the end of last year. ¶ Senator PATRICK: He's talking about a detailed design review for the platform, so maybe you could take that on notice and have a look at the report— ¶ Ms Lutz: I know what the report says. ¶ Senator PATRICK: on pages 75 and 76. You might want to come back to the committee. I have a final 1½ questions. Were you aware that Australian companies had been considered by Luerssen through the procurement process and assessed as capable of providing sea boats for the OPV?		
69	Timothy Ayres	Maximum delivery rate Collins Class submarine	Senator AYRES: I understand there are costs associated with lifting the rate of delivery but what is the maximum rate of delivery? ¶ Mr Sammut: Could I come back to you with a clear answer on that? We know we can have it less than two years. I would suggest it is less than 18 months. But I would like to come back to you with a more definitive answer.	Hansard	101
70	Bridget McKenzie	BOM presence at RAAF Gippsland and RAAF Sale	Did the BOM raise any concerns or issues with the Department of Defence about the RAAF Gippsland and Sale-based meteorologists providing weather broadcasts on local radio to the public?¶Did the Department or the RAAF raise any concerns or issues with the BOM about the meteorologists providing these weather forecasts on-air to the Gippsland and Sale communities? ¶a) Was time spent by the meteorologists on the broadcasts, instead of forecasting for defence aviation, a factor?¶	Written	Written
71	Bridget McKenzie	Decisions regarding BOM presence at RAAF Gippsland and RAAF Sale	Whose decision was it, the BOM or the Department's, to stop the local weather forecasts being broadcast by the Sale and Gippsland RAAF meteorologists? ¶a. (If BOM) Did the BOM discuss the change to stop the local weather forecasts with the Department or the RAAF before finalising their decision?¶ i. (If yes) Did the Department support the BOM's decision?¶ii. (continued) What was the	Written	Written

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		broadcasting weather forecasts	Department's response to the BOM when the proposed decision to stop the broadcasts was raised? ¶iii. (If no) Did the Department advocate to the BOM that the forecasts be allowed to remain a service of the RAAF meteorologists to the Sale and Gippsland communities?		
72	Bridget McKenzie	BOM Presence - Decision Making and Community Consultation	(If the Department/RAAF was involved in decision making) The BOM answered last week that no consultation was undertaken with local communities about the decision to stop the weather forecasts. Given the Department was involved in the decision-making process, why did the Department not ensure that appropriate community consultation was undertaken?	Written	Written
73	Bridget McKenzie	BOM Presence at RAAF Base Sale increased tempo	The BOM said last week in response to my senate estimate questioning that new regulations being introduced on the 5th of November, supported by the Civil and Defence Aviation Authorities, will change the services required to be delivered by the meteorologists. These changes will increase the demands placed upon meteorologists and the "tempo" of operations at the Sale RAAF base. Would these increased demands and pace of work reduce the ability of the meteorologists to continue to provide the local weather forecasts?	Written	Written
74	Bridget McKenzie	BOM Meteorologists – Defence aviation forecasting	Is the information the meteorologists use for local forecasts the same that is used for defence aviation forecasting? a) (If yes) How come this information cannot be provided to civilians via local media, then? b) (Continue from yes) Is there not greater value in the information if it can be used for dual purposes, being local weather information and defence aviation forecasting? c) (If no) How different is the information provided for local forecasting to defence aviation forecasting?	Written	Written
75	Bridget McKenzie	Public Servants working from home and productivity measures	What is the number of public servants working from home for each month from the Department? How has the Department measured increased, static or declining productivity and what are the conclusions from that measure?	Written	Written
76	Bridget McKenzie	Working from Home during Lockdown and Department sick days	What is the number of sick days from the Department with a work-from-home workforce for each month of the lockdown and the corresponding sick days for the corresponding months in 2019?	Written	Written

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77	Jacqui Lambie	7RAR Charges	How many current members have been charged at 7RAR in the past 12 months? ¶How many are currently under investigations to be charged under the DFDA? ¶How many out of the above have received counselling or corrective training?	Written	Written
78	Jacqui Lambie	CDF Visit to 7RAR	Can you please inform me when the CDF last visited 7RAR and who accompanied him?	Written	Written
79	Jacqui Lambie	RSM Visit to 7 RAR	Can you advise when was the last time the RSM army visited 7RAR and who accompanied him?¶	Written	Written
80	Jacqui Lambie	Complaints from non commission officers about the conduct of high ranking officers	How many complaints from non commission officers about the conduct of high ranking officers have been made to HQ 7RAR, and or the IGADF in the past 12 months?	Written	Written
81	Jacqui Lambie	7RAR Suicide statistics	How many attempted suicides have occurred at 7RAR in the last 12 months? How many successful suicides in the past 12 months?	Written	Written
82	Jacqui Lambie	Performance reporting 7RAR	Who does the performance reporting on the OC and CO of 7RAR?	Written	Written
83	Kim Carr	Australia's Export Control framework and outreach activities with Universities and Researchers	1. How does Defence engage with universities across Australia to ensure that they are aware of, and understand, Australia's export control framework? ¶2. Can Defence please provide a year by year summary of the outreach activities it conducts with universities and researchers since January 2015?	Written	Written

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84	Kim Carr	Universities assessments to the control status of a technology	How many Universities have sought assessments in relation to the control status of a technology (including their related research) since January 2015? Please break down by year and institution.	Written	Written
85	Kim Carr	Permits for exports	Since 1 January 2015 how many permits for exports of controlled goods and technology have been issued by Defence? Please break down by year and institution.	Written	Written
86	Kim Carr	Originations received assessments and permits	How many originations have received assessments and permits since January 2015?	Written	Written
87	Kim Carr	International Students at ADFA	Since January 2015 how many international students have been studying at the Australian Defence Force Academy? Please break down by year and country of origin.	Written	Written
88	Kim Carr	UNSW Contract	1. Has Defence's contract with UNSW Canberra been extended beyond 2023? 2. Will this contract be put out to tender? If so on what date?	Written	Written
89	Kimberley Kitching	NSAB advise regarding delays	Professor Winter told the Committee with regard to a reported delayed of up to two years in the Hunter class program that: ¶“We have provided, as part of our responsibility, advice to government in terms of questions that they should be asking regarding the schedule status of the Hunter program, and in particular to inquire as to the impact of the COVID-19 pandemic, the impact of the design and the overall status of the program. That is part of what we have to do.” ¶¶Professor Winter and Senator Wong then had the following exchange: Senator WONG: Has the Hunter Frigate class been a topic of these after-action reports for the entirety of 2020?¶ Prof. Winter: I believe for most of the after-action reports we have had some commentary on Hunter. I would have to go back and view the record to see	Written	Written

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			whether or not we discussed the matter in every report. Senator WONG: That's fair enough. When do you recall them first being raised in these reports? ¶ Prof. Winter: I believe this has been a focus topic for this year. ¶ Senator WONG: So 2020, would that be— Prof. Winter: Yes, and the end of 2019 as well. ¶¶On what date(s) did the NSAB advise the Government that it had concerns that might give rise to a delay, or heighten the risk of a delay, to the schedule of the Hunter class program?		
90	Kimberley Kitching	Frigate prototyping and delays	With respect to the introduction of a prototyping phase on the Hunter class, the Minister told the Committee: ¶“As Mr Winter has said, and as I've indicated, we regularly receive advice from Mr Winter on this program and on all others in our naval shipbuilding program. Again I come back to your point about a two-year delay. That is in fact not correct. We made a very deliberate decision, based on the advice we received— and, again, later on today we can go through the workforce plan and how we have scheduled very deliberately this program with all others to make sure that we no longer have a valley of death in the workforce; that we have a continuous drumbeat of growth in workforce planning. We have taken advice from Mr Winter and we have also taken our own advice from Defence. Your characterisation of a two-year delay is not correct.” ¶• On what date did the Government make the deliberate decision to introduce a prototyping stage into the Hunter class program?¶• On what date did the Government make the deliberate decision that the ninth frigate would not be delivered in 2038?	Written	Written
91	Kimberley Kitching	NSAB meetings with contractors	Professor Winter told the Committee that: ¶“We decided that we needed to have a broader set of perspectives than we were able to get, rather than just simply from the program. We decided as a general matter of principle to get input from the contractors. We are meeting with Naval Group here shortly. We did have a meeting with BAE in October of 2019. That is the only other meeting that I can recall.” ¶• On what date(s) has the NSAB met with BAE to discuss the Hunter class program? ¶• On what date(s) has the NSAB met with Naval Group to discuss the Attack class program? ¶• On what date(s) has the NSAB met with Luerssen to discuss the Arafura class program?	Written	

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92	Kimberley Kitching	Hunter class program construction	With respect to the Hunter class program, Professor Winter told the Committee that: "I believe the program is in a position that it could start construction in 2022 if it chooses to. The question would be as to how much risk is being taken by starting construction at that point." ¶¶ What is the NSAB's current assessment or understanding of the amount of risk associated with starting the program in 2022?	Written	Written
93	Kimberley Kitching	Maturity of Hunter class	With respect to the design of the Hunter class, Professor Winter told the Committee that: ¶ "Yes, you need to have the design at an adequate level of maturity to begin the actual construction." ¶• What does the NSAB consider or understand to be an adequate level of maturity for the Hunter class design to begin construction? ¶• What does the NSAB assess or understand as the current level of maturity of the Hunter class design?	Written	
94	Kimberley Kitching	NSAB	For each financial year since its inception, please provide: ¶• a list of NSAB members, with any changes to the membership during each financial year indicated. ¶• the costs accrued by the NSAB, broken down into key budget lines including staff costs as well as travel and hospitality. ¶• a list of each meeting of the NSAB, with dates of each meeting indicated. ¶• a list of NSAB meetings with Defence and with Government Minister(s), with dates of each meeting and Ministerial attendees indicated. ¶• the dates on which the NSAB provided 'after action reports' or other written advice to Defence and/or the Government.	Written	Written
95	Kimberley Kitching	NSAB advice regarding Hunter Class frigate construction and delivery	On what date was the NSAB first advised that: ¶• the construction of the first Hunter class frigate would not commence until 2022? ¶• the ninth Hunter class frigate would not be delivered in 2038?	Written	Written
96	Kimberley Kitching	Future location of full cycle docking workforce	With respect to the future location of full cycle docking, Mr Finlay said: ¶ "I think we were briefed on options which included a full transfer of all of the workforce, blue-collar and white-collar, to Henderson. The other extreme was all workforce, blue-collar and white-collar, remaining in Osborne and then a hybrid where the blue-collar workforce was either transferred or grown and the white-collar workforce remained in Osborne." ¶¶ As a consequence of the briefing Mr Finlay referred to: ¶• what does the NSAB understand the requisite timeframes to be for the 'hybrid' and 'full transfer	Written	

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			to Henderson' options with respect to: o workforce generation and skills transfer considerations? o construction and certification of infrastructure? ¶• what infrastructure does the NSAB understand would be required to be built in Western Australian under the 'hybrid' and 'full transfer to Henderson' options? ¶• what does the NSAB understand to be the level of risk with respect to each of the three options?		
97	Kimberley Kitching	Future Submarine Program cost	On what date did the NSAB first become aware that the out-turned cost of the Future Submarine Program exceeded \$50 billion?	Written	Written
98	Kimberley Kitching	Future Frigate Program cost	On what date did the NSAB first become aware that the out-turned cost of the Future Frigate Program exceeded \$35 billion?	Written	Written
99	Kimberley Kitching	Exercise MALABAR invitation status	Is the invitation extended to Australia with respect to participation in Exercise MALABAR a standing invitation or only for the 2020 iteration of the exercise at this point in time?	Written	Written
100	Kimberley Kitching	Hunter class specifications and modifications	With respect to the Hunter class program, the Minister told the Committee: ¶¶“A couple of issues that you've raised are probably better for the department themselves to answer. In relation to the weight and the space envelopes, the changes and modifications that we are making to the Type 26 design remain within agreed weight and also space envelopes. That was I think at the heart of your question. Also, the length and the beam of the Hunter class frigates remain the same as the Type 26 reference ship design. I think those answer both of your questions.” ¶¶• What are the agreed weight and space envelopes for the Hunter class?¶¶• Has any consideration been given to modifying the length and beam of the Hunter class? If so, when did those considerations commence?	Written	

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101	Kimberley Kitching	IIP costings	Mr Moriarty told the Committee that: ¶“The 2016 Defence white paper was released in February that year. In that document the government committed to the acquisition of a fleet of 12 regionally superior submarines. The Integrated Investment Program released at that time stated an approximate investment in submarines of greater than \$50 billion out-turned over the time period 2018 to 2057. The provision within the classified IIP at that time was \$78.9 billion. It was not released, due to commercial sensitivities, noting that the government was yet to consider the outcomes of the competitive evaluation process and decide the build location. It is important to note that it was only in the context of finalising the 2016 white paper IIP that the figure of \$78.9 billion for future submarine was arrived at.” ¶• On what date were the costings contained in the classified IIP finalised by Defence? ¶• On what date were the costing contained in the classified IIP agreed by the Government?	Written	
102	Kimberley Kitching	Projects given in constant dollars	Mr Sammut told the Committee that: ¶“What I'm trying to state here is that the program of record which was announced in April of 2016 was a program to acquire 12 submarines to be built here with an estimated acquisition cost of \$50 billion in constant dollars.” ¶For what other projects contained in the 2016 Integrated Investment Program and 2020 Force Structure Plan have public costs been given in constant dollars?	Written	Written
103	Kimberley Kitching	LAND 8116	Please provide a list of all project milestones and anticipated achievements dates for the LAND 8116 project, including the acquisition of an additional regiment as outlined in the 2020 Force Posture Plan.	Written	Written
104	Kimberley Kitching	Additional Protected Mobile Fires	Why does the 2020 Force Posture Plan list “Protected Mobile Fires (Self-Propelled Howitzers)” as costing \$0.9–\$1.3 billion, but “Additional Protected Mobile Fires (Self-Propelled Howitzers)” is listed as costing between \$1.5-2.3 billion? What accounts for the \$0.6-1.0 billion cost difference between these two tranches of the acquisition?	Written	Written

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105	Kimberley Kitching	Future Frigate program incentive model	With respect to the contract arrangements for the Future Frigate program, Ms Lutz told the Committee that “It is currently a target-cost incentive model, which means there is pain-gain” and that “The incentive goes to meeting the requirements, meeting the schedule and meeting the cost”. ¶• Is an incentive payment made for meeting the baseline targets for requirements, schedule and cost – or does the contractor have to achieve a better result on these metrics to receive the incentive payment? ¶• Is there an incentive payment for starting prototyping by December 2020? ¶• Is there an incentive payment for commencing construction in 2022? ¶• What outcomes does the contractor have to achieve to receive the maximum incentive payment? ¶• What is the quantum of the maximum incentive payment as a percentage of the overall contract value?	Written	1. Written
106	Kimberley Kitching	Contingency funds for Future Submarine and Frigate programs	Both the Future Submarine Program and the Future Frigate Program include contingency funds within their funding envelope. To date, have any costs been accrued to, or funds expended from, the contingency funds for either program? If so, please detail when that occurred, how much was expended and on what.	Written	Written
107	Kimberley Kitching	AIC for Frigate by batch and vessel	Mr Moriarty told the Committee with respect to the Future Frigate program: ¶•“But we are looking to increase the AIC in each batch. Beyond that, we are looking to increase the AIC in each vessel w “But we are looking to increase the AIC in each batch. Beyond that, we are looking to increase the AIC in each vessel where it's possible to do so. So when you say 'once it is locked in for batch one', I wouldn't accept that that is definitely the case. The team are going to look to build the AIC even within batch one from vessel 1 to 2 to 3.” ¶•Beyond the 58 percent target for AIC across the nine Frigate acquisition, have targets been set for each batch or each ship as part of achieving the overall target? If so, what is Defence’s target for the first batch and/or first three ships? If no formal target has been set, what is Defence’s current expectation or planning assumption with respect to the minimum level of AIC for those first three Frigates? Similarly, what is Defence’s expectation or planning assumption for AIC in the remaining two batches? ¶•	Written	Written

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108	Kimberley Kitching	Summary of budgeted flying hours	For the past four financial years, and the year to date on a pro rata basis, please provide a summary of budgeted flying hours, achieved flying hours, and cost per flying hour for the following platforms: ¶ F-35A Lightning II ¶ EA-18G Growler ¶ F/A-18F Super Hornet ¶ F/A-18A/B Hornet ¶ C-17A Globemaster III ¶ C-130J Hercules ¶ C-27J Spartan ¶ KC-30A Multi-Role Tanker Transport ¶ 737 Boeing Business Jet ¶ KA350 King Air ¶ Dassault Falcon 7X ¶ P-8A Poseidon ¶ E-7A Wedgetail ¶ AP-3C Orion ¶ Tiger armed reconnaissance helicopter ¶ MRH-90 Taipan multi-role helicopter ¶ Sikorsky MH-60R Seahawk ¶ Sikorsky Black Hawk ¶ Boeing CH-47D Chinook ¶ Bell 206B-1	Written	Written
109	Kimberley Kitching	Navy's workforce requirements, achievements and shortfalls	The Chief of Navy told the Committee that: ¶ "I've been carrying a shortfall in the surface combatant workforce for a number of years now. It is improving, but it accounts for the fact that I haven't been able to generate more than six frigate crews in the last five years, for example." He also told the Committee that: "Six crews for the Anzac class frigates—six of the eight crews. We have the opposite problem for the submarine force: 10 years ago we had a very significant underachievement in submarine force; but, at the moment, I've got an overachievement in submarine force and hence an availability of 107 per cent against the Collins class submarine." ¶ For the past five years, and the year to date on a pro rata basis, please provide a summary of Navy's workforce requirements, achievements and shortfalls across the Royal Australian Navy. Where possible, please breakdown the summary by Navy platform and workforce roles.	Written	Written
110	Kimberley Kitching	Future Submarine Program AIC applicable to equipment	When asked about the commitment that Minister Reynolds secured from Minister Parly with respect to the Future Submarine Program and what that 60 percent commitment applies to, Mr Sammut told the Committee: "The categories will be the design and construction of the future submarine platform by Naval Group." ¶ Mr Sammut also told the Committee that: ¶ "It's not the combat system; it's not science and technology; it's not the submarine construction yard." ¶ He then elaborated that: ¶ "Design and construction—including the equipment to go into the submarine construction yard that Naval Group will use in Australia to build the submarines. It doesn't include the buildings or the infrastructure itself, which are being delivered by ANI." ¶ Please confirm whether the 60 percent commitment includes the	Written	Written

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			'equipment to go into the submarine construction yard'. Please also detail what this equipment will be and what contribution in percentage terms Defence anticipates it will make towards Naval Group achieving the 60 percent threshold.		
111	Kimberley Kitching	AIC audit program commencement	With respect to the AIC audit announced by Government, Mr Halloran told the Committee: ¶“I believe that the minister's announcement from earlier in the year has progressed, and we are in a position to have the independent AIC plan audit program operational in this quarter.” ¶As the AIC audit program now commenced? If no, on what date will it commence? If yes, please identify which AIC plans are currently being audited and, in each instance, identify the contracted organisation conducting the audit.	Written	Written
112	Kimberley Kitching	MRH90 Helicopter gun mount alternatives	With respect to the MRH90 helicopter, the following exchange took place: Senator AYRES: But it still doesn't do the job. No remediation can resolve this; I take it, after three attempts, that no remediation can resolve the original problem. Is there a gun mount that can successfully be installed that will allow simultaneous firing and roping and rappelling operations? Mr Fairweather: There are other options we are exploring. ¶What are the other options that Defence is exploring and to which Mr Fairweather referred? What are the costs to date of exploring these other options?	Written	Written
113	Kimberley Kitching	MRH90 helicopter tactical mitigating measures	With respect to the MRH90 helicopter, the following exchange took place: Senator WONG: But it can't. Your response was, I think, tactical mitigating measures—so, essentially, yet another helicopter that can actually do the firing while one helicopter has people either roping or rappelling; correct? Lt Gen. Burr: Yes. ¶Senator WONG: So we have two crews and two helicopters at risk to do the job of one? ¶Lt Gen. Burr: Helicopters will always operate as a package to support each other. Even with the Black Hawks, that's how they operate. ¶• What are the tactical differences and mitigations when conducting an operational insertion in a contested environment using MRH90 as opposed to Black Hawks?¶• When using Black Hawks in this role, is each helicopter able to generate its own suppressing fire while disembarking forces via rope? ¶• When using MRH90, is each helicopter reliant on the other to generate suppressing fire while disembarking forces via rope? ¶• When using Black Hawks in this role, will each helicopter carry troops for deployment? ¶•	Written	Written

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			When using MRH90 in this role, will one helicopter be designated to carry troops while the other is designated to provide suppressing fire? Or alternatively, does each helicopter carry troops and the suppression role is alternated between the two MRH90s as the other disembarks forces via rope? ¶• How long does it take to transition an MRH90 from providing suppressing fire to having safely stowed the gun to allow the disembarkation of forces via rope?		
114	Kimberley Kitching	Anzac class frigates withdrawal from service	What are the planned or anticipated withdrawal from service dates for each of the eight Anzac class frigates?	Written	Written
115	Kimberley Kitching	Anzac class frigates AMCAP	What are the planned dates on which each of the eight Anzac class frigates are expected to enter and exit the Anzac Midlife Capability Assurance Program (AMCAP)? Have these dates changed since AMCAP was approved and, if so, please identify by how much the entry and exit timings for each of the eight Anzac frigates has been effected.	Written	Written
116	Kimberley Kitching	Anzac class frigate optimal crew	For each of the eight Anzac frigates, please identify the optimal crew strength and the current crew strength. Where possible, please break down those numbers according to trade, specialisation or role (whichever is the most appropriate designator).	Written	Written
117	Kimberley Kitching	Anzac class frigates projected workforce 2024	The Chief of Navy told the Committee: ¶“It is the fact that currently I have six crews for eight frigates, albeit two of those frigates are in deep maintenance. So I don't have a requirement to actually fully man those two ships at the moment, but come 2024, when all eight ships are back through the AMCAP program, I will need to have at least seven crews available to man the eight ships, noting that one will be in some form of minor maintenance or availability. I am confident at this stage that we will be well on track to achieve that. I need to continue to grow the workforce, noting that we will move from eight surface combatants to nine with the introduction of the Hunter class frigate in the 2020 to 2030 time frame.” ¶In the context of the Chief's comments, what are the current as well as the projected workforce numbers by 2024 for the Anzac frigates? Where possible, please break those numbers	Written	Written

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			according to trade, specialisation or role (whichever is the most appropriate designator).		
118	Kimberley Kitching	Aegis Baseline 9	When did Aegis Baseline 9 become available?	Written	Written
119	Kimberley Kitching	Triton airframes	With respect to Triton, the original program was to acquire up to seven airframes. More recently, that has been revised down to six airframes. What are the concept of operations that are enabled by acquiring six (or seven) airframes? ¶ In particular, how many areas of operation can Triton cover – or separate operations/sorties can Triton conduct at one time – with six (or seven) airframes? ¶ With six (or seven) airframes, how far from Australia could Triton operate, how does that work in terms of time on station, the rotation of airframes as well as maintenance and training requirements? ¶ Would a reduction in the number of airframes acquired impact not only the number of simultaneous operations/sorties that could be conducted, but also how far those operations might be from Australia or the time on station at a given distance? ¶ If so, could you please describe what the impacts might be.	Written	Written
120	Kimberley Kitching	Future Submarine Program AIC	With respect to the Future Submarine program, Mr Moriarty told the Committee: “Senator, all I can say is that we always seek to maximise, and we were supporting at that time Minister Reynolds in her engagements with Minister Parly, and Minister Reynolds engaged with us and sought our views as to whether that was a good outcome in terms of a negotiation—I wouldn't call it a negotiation, a discussion—with Minister Parly on how we were going to get this floor, the 60 per cent floor, in. We supported Minister Reynolds in her discussions with Minister Parly, and I think we did agree with Minister Reynolds that that was a reasonable floor given other projects of this size and complexity and that, as we did the detailed design work, we would obviously be seeking to work with Naval Group and others to maximise the industry involvement.” ¶ ¶ With specific reference to Mr Moriarty's comment above, on what date and by what means did Defence provide its views	Written	Written

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			and support to the Minister? ¶ Was it written or oral advice or a combination? Which officer(s) provided the advice and on what date was advice from each officer provided to the Minister?		
121	Kimberley Kitching	Project Milestones	For each of the following projects, please provide a list of the project milestones, including entry and exit dates for each of the milestones (exact dates when known or contracted; nominal when still to be contracted): ¶ • Future Submarine Program ¶ • Future Frigate Program ¶ • SEA1450 ¶ • Hobart Class Upgrade	Written	Written
122	Kimberley Kitching	Submarine funding	With respect to life of type extension of the Collins, the following exchange occurred: Senator AYRES: Are those funds being drawn from the Future Submarine project funds or from Collins sustainment funding? Mr Sammut: It's approved funding from government. It was approved under the Future Submarines program. So they were approved funds— Senator AYRES: So 100 per cent from Future Submarines project funds—or allocated to? Mr Sammut: Allocated to, with the approval of government for that work. ¶ ¶ • On what date and who provided approval to utilise Future Submarine Program funds for preparatory work for Collins life of type extension? ¶ • What was the total amount within the Future Submarine Program allocated to preparatory work for Collins life of type extension at the time of initial approval? o Has this amount increased since initial approval was given? If so, when and by how much has it increased? ¶ • Against which line item(s) within the Future Submarine Program is preparatory work for Collins life of type extension allocated and expended? ¶ • Please provide a breakdown of Future Submarine Program funds allocated to and expended on preparatory work for Collins life of type by financial year since initial approval was given for the allocation and expenditure of those funds. ¶ • Why are these costs not being funded under SEA1450? • What is the current approved budget for SEA1450? ¶ • Please provide a breakdown of funds allocated to and expended under SEA1450 by financial year and cost category since its inception.	Written	Written

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123	Kimberley Kitching	Future Submarine Project	<p>With respect to the Future Submarine Program, the following exchange occurred: Senator AYRES: Well, what are the implications of a relocation for the life of type extension and what are the knock-on effects for the Future Submarine Program? ¶Mr Moriarty: That's in advice to government. We've provided some detailed advice to government to enable its consideration of the options, and I don't think it would be appropriate to— ¶Senator AYRES: And you're telling me that that's a cabinet process and that— ¶Mr Moriarty: Well, this is clearly a matter that is still before government for decision. ¶Senator AYRES: You've clearly been assessing it for some time. The minister said she declared that a decision would be made by the end of last year. Defence doesn't have a view about the latest that a decision could be made or the implication in terms of cost, schedule and risks to both of the programs? Mr Sammut: As the secretary said, we do have a view. That's in advice to government and before government for consideration. ¶¶On what dates(s) was the advice referred to by Messrs Moriarty and Sammut provided to the Government?</p>	Written	Written
124	Kimberley Kitching	Collins life of type extension	<p>With respect to Collins life of type extension, Mr Sammut told the Committee: “Saab Kockums has been engaged throughout the process of looking at whether we can extend the service life of the Collins class. Indeed, the Navy recognised the need to start looking at that in 2011, when it was becoming apparent that we would not be able to replace them in sufficient time before their planned withdrawal date; that risk was rising. From that point, Kockums was engaged to support us as we did a service life extension program study. That was the study that did in fact determine we could extend the service life of the boats by another operating cycle, and we have had recourse back to Sweden, if necessary, throughout the time we've been progressing work since then.” ¶ • Please provide further details about the specific engagements Defence has had with Saab Kockums on life of type extension of the Collins. ¶ • What meetings and formal engagements has Defence had with Saab Kockums on life of type extension in the past 12 months? ¶ • Has Defence requested and received formal advice and/or information from Saab Kockums with respect to life of type extension work on Collins in the past 12 months? If so, when did that occur and what was the nature of the advice sought? ¶ • Are there any contractual arrangements in place or under contemplation with respect to Saab Kockums' involvement in the life of type extension program for the Collins class? Mr Sammut</p>	Written	Written

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			and Senator Ayres also had the following related exchange: ¶ Senator AYRES: I'm not going to our capacity to do it. I guess what I'm trying to get to is whether the people who are certifying the work at the end of the process will have experience in these kinds of projects, in Swedish design submarines major upgrades. Mr Sammut: Yes, they have the experience and the capacity to do that. Of course, we are ensuring there is independent review of that through their capability partner. Senator AYRES: What do you mean by that? ¶ Mr Sammut: ASC has a capability partner in the form of advice from Electric Boat in the US. ¶ • What funded studies have been conducted with Saab Kockums or Electric Boat with respect to the life of type extension of the Collins class? Please provide details of the scope of any studies, their cost and when they occurred.		
125	Kitching	Collins life of type extension	With respect to Collins life of type extension, Mr Sammut told the Committee: "That's still our view. Indeed, since that testimony we've had further advice from ASC. We asked them to do a study to look at the risks of installing inside an FCD, and the result has come back that the risk relating to being able to undertake a life-of-type extension within a full-cycle docking is manageable and within the tolerances for that maintenance period." ¶ • On what date did Defence request the further advice from ASC to which Mr Sammut was referring? ¶ • On what date did Defence receive the further advice from ASC to which Mr Sammut was referring?	Written	Written
126	Kimberley Kitching	Workforce recruitment and retention	Does Defence conduct regular internal reporting with respect to attainment of its workforce recruitment and retention targets? ¶ a) If so, by what means does this occur and how often does it occur? ¶ b) Does this occur independently within each Service and the civilian workforce or does it occur on a whole-of-enterprise basis – or a mixture of the two? ¶ c) To which internal committees is this advice reported and is there regular reporting to Ministers?	Written	
127	Kimberley Kitching	Submarine Capability Transition Plan	A 2019 Navy document entitled 'Chief of Navy Australia - Incoming Government Brief' states that: "Navy intends to present a Submarine Capability Transition Plan to Government in Q4 2019 which will lay out the long-term narrative and key decisions covering areas such as CCSM upgrades, Life of Type Extensions, Disposition and Basing, Navy Workforce, industry and support systems, that are required to successfully transition from six Collins class submarines to the expanded force of	Written	Written

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			twelve Attack class submarines over the coming decades.” ¶Has the Submarine Capability Transition Plan been presented to Government? If so, on what date was it provided to Government? If not, why not?		
128	Kimberley Kitching	Future Submarine acquisition factors	Please provide a breakdown showing all of the factors which resulted in the Future Submarine out-turned acquisition cost estimate changing from \$50 billion in October 2015 to \$78.9 billion in April 2016 and giving the amounts which each of these factors contributed to the change in the estimate. ¶So, for example, if changes in inflation projections contributed to the change in the out-turned estimate, please advise how the inflation projections changed and what dollar impact this change in inflation projections had on the out-turned cost estimate for the project. ¶Likewise for foreign exchange rates, the project schedule, discount rates, changes in the scope of the project, real cost increases in the project and all other factors contributing to the change from \$50 billion to \$78.9 billion.	Written	Written
129	Kimberley Kitching	Auditor-General’s ‘Future Submarine Program — Transition to Design’ report	Tables 3.2 and 3.3 of the Auditor-General’s ‘Future Submarine Program — Transition to Design’ report in January this year outlined Future Submarine Program expenditures broken down by vendor and cost category, respectively. ¶Please provide updated versions of these tables on the same basis, incorporating any new expenditure line items.	Written	Written
130	Kimberley Kitching	Future submarine costs	What is the most recent estimate of sustainment costs for the Future Submarine fleet in out-turned dollars?	Written	Written
131	Kimberley Kitching	Major Projects costs	How often does Defence update its out-turned cost estimates for major projects?	Written	Written

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132	Kimberley Kitching	High-risk life of type extension	What steps has the Government taken to assure itself that ASC has sufficient expertise and experience to conduct design and assurance with respect to the complex, invasive and high-risk life of type extension that Collins will undergo from 2026? ¶ Please provide specific examples of what steps have been taken to date.	Written	Written
133	Kimberley Kitching	Australia Submarines	With reference to the 2 November 2020 ABC article titled 'Australia's submarine fleet hit with multi-million-dollar contract dispute, project placed on list of concern' which stated that a confidential report completed for Defence last month recommended that the contract with US owned Phoenix International Australia to construct new escape and rescue equipment for Australian submarines be terminated: ¶(a) Is the Submarine Escape Rescue and Abandonment System program listed on the Department's Project of Interest list? ¶(b) If the contract is terminated, how much will Defence have to pay out? Will the Australian companies that have been subcontracted to the project be paid out as well? ¶(c) What will be the timeline and financial impacts to the SEA1354 project if this contract is terminated? ¶(d) If a new contract is put to tender, will it have a set requirement for Australian Industry Capability (AIC)?	Written	written
134	Kimberley Kitching	Future Submarines Costs	Please provide a breakdown of the cost spent on Future Submarines to date, including how much has been spent in Australia, how much has been spent in France, and how much has been spent on personnel in France.	Written	Written
135	Kimberley Kitching	Future Submarine ¶suppliers	What steps has the Government put in place to give Australian businesses like PMB Defence – who already supply batteries for the Collins Class submarines – confidence in competing to supply batteries for our Future Submarines when Naval Group says a Greek competitor is “a strategic supplier for Naval Group’s submarines programs” and the three other “critical systems” for the Future Submarines – its main motor, diesel generators, electrical switchboard and weapons handling system – have all gone to overseas companies? Why has the Government not put in place enforceable measures to ensure Australian companies are getting work and developing local sovereign capability from this \$90 billion spend of Australian taxpayers’ money	Written	Written

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136	Kimberley Kitching	Government's Sovereign Industrial Capability Priority Industry Plan	With reference to the Government's Sovereign Industrial Capability Priority Industry Plan which says that protection technologies; integration, networking and communications; vehicles and system upgrades; and sustainment are critical industry capabilities: why is there no mention of local production and assembly of vehicles as a strategic priority in the Plan?	Written	Written
137	Kimberley Kitching	Defence Infrastructure spending	At a time when businesses are doing it tough in the face of COVID-19, fast tracking Defence infrastructure spending should be a priority for the government to create jobs and stimulate the economy. ¶ (a) How much Defence infrastructure spending or projects are already out to tender? ¶ (b) How much Defence infrastructure spending or projects has already been awarded? ¶ (c) How many contracts were awarded to foreign companies (or their local subsidiary)? ¶ (d) What is the value of contracts awarded by Defence to Northern Territory registered businesses?	Written	Written
138	Kimberley Kitching	Women, engineering and STEM at Defence	What work is Defence doing to avoid workforce cannibalisation, address the under engagement of women, and support the development of engineering and STEM professional workforce plans?	Written	Written
139	Kimberley Kitching	Defence Industry, COVID-19 impact	(a) What is defence doing to develop training courses to help build skill up our local defence industry, especially in the engineering space, to ensure local workers are engaged and do not require supplementation from foreign skilled workers? ¶ (b) To what extent have current COVID -19 travel restrictions inhibited the hiring of required skilled workforce to date? ¶ (c) How is this anticipated to impact work going forward?	Written	Written
140	Kimberley Kitching	Naval Shipbuilding Office	(a) Who runs the Naval Shipbuilding Office and how many staff does it have? ¶ (b) What are the Naval Shipbuilding Office's targets and KPIs? ¶ (c) How are they tracking around providing opportunities for education and training providers across Australia to collaborate in the education and training of high-quality candidates for future employment within the naval shipbuilding and sustainment industry? ¶ (d) Please provide the organisation chart for the Naval Shipbuilding Office. ¶ (e) Who does the Office answer to within Defence? ¶ (f) What is the budget allocated to the Naval Shipbuilding Office?	Written	Written

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141	Kimberley Kitching	Support to Australian Maritime College	What resources and support has the Government provided to the Australian Maritime College to attract, retain, and support students in key skills areas required currently in Australia’s Defence Industry? What is the government doing to support early education in areas where there are current skills shortage?	Written	Written
142	Kimberley Kitching	Naval Shipbuilding College contract	I refer to AusTender Contract CN3722330 published on 8 October 2020 worth \$110,770,824.04 to run the Naval Shipbuilding College from 28 November 2018 to 28 February 2023. ¶(a) Why was this contract only published in October 2020, two years after the start date, when contracts are required to be published within 42 days of the contract start date? ¶(b) Why has the cost of running the Naval Shipbuilding College risen nearly 7-fold since it was announced in March 2017 and allocated \$25 million dollars? ¶(c) Is the increase in funding for the College coming out of the IIP or specific naval capability projects?¶ (d) What does Defence get from the College in return for its \$172 million investment over five years?	Written	Written
143	Kimberley Kitching	Naval Shipbuilding interconnected dependencies	A Defence Department submission to the Senate Economics References Committee’s inquiry into Australia’s sovereign naval shipbuilding capability stated that naval shipbuilding:¶¶“covers all elements of the capability lifecycle – from initial concept design, production planning, construction, test and evaluation, in-service support and upgrades through to decommissioning and disposal – as a coordinated system of interconnected dependencies.”¶¶Please explain these interconnected dependencies and how Defence is working to build local Australian industry and capability to support each of them.	Written	Written
144	Kimberley Kitching	Special Purpose air lifts	• How many times in the last financial year and this year have the Prime Minister and other Ministers had to change or delay travel plans due to unplanned unavailability of Special Purpose Airlifts? ¶• What is the operational availability for each of the VIP aircraft in 34 squadron over the last year?	Written	Written
145	Kimberley Kitching	Engagement of 500 reservists	With reference to the Joint Media Release of 26 August 2020 from the Prime Minister and the Minister for Defence which states that Defence will engage in the targeted recruitment of an additional 500 ADF Reservists:¶ a) Over what time period will an additional 500 Reservists be recruited ¶b) What does “additional” mean – will it be in addition to already-planned growth in Reserve numbers. If not, what is the baseline for the announcement of an “additional” 500 Reservists. ¶c) How many	Written	Written

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			Reservists does Defence expect to have at 30 June 2021 ¶(d) What activities will Defence undertake to recruit an additional 500 Reservists ¶(e) How many additional Reservists have been recruited since the announcement on 26 August 2020¶ f) What does “targeted recruitment” mean - how will the recruitment be targeted and what type of targeting will be involved.		
146	Kimberley Kitching	ADF Reservists	The Department of Defence’s 2018-19 Annual Report states at page 116 that Indigenous numbers for ADF Reserves dropped from 532 in 2018 to 369 in 2019. ¶ (a) What was the cause of this significant decrease?¶ (b) How will Defence meet its stated target of 5 per cent Indigenous employees by 2025 given this recent reduction?¶(c) What strategies have been implemented to address this issue? ¶(d) What are the Indigenous numbers for the Reserves for that past five years, broken down by year?		Written
147	Kimberley Kitching	ADF Cadets to full time ADF Service	With regard to the numbers of ADF Cadets transferring to full time ADF service, during each of the past five financial years: a) How many ADF Cadets transferred to full time service b) How many transferred to Army, Navy and Air Force respectively. What targets or goals does Defence have for the proportion of ADF Cadets transferring to full time service?	Written	Written
148	Kimberley Kitching	Workforce	The 2016 Defence White Paper (DWP) identified a significant increase in spending over the next decade for both hard assets and personnel while the 2020 Force Structure Plan (FSP) recognises the need to recruit and train personnel over the coming decade to ensure the investment in capability and increasing maritime commitments in our region can be fully utilised and met (FSP paras 10.10 – 10.15). ¶(a) Is Defence on track to meet recruitment targets that the 2016 Defence White Paper (DWP) indicated would be equivalent to a net increase of 2500 full time positions to 2025-26 (para 6.3 p 145)?¶ (b) By how much has the permanent workforce increased over the 4 years since the release of the DWP? (c) What is the Defence Department’s strategy to ensure the 2025-26 targets are met?¶ (d) Will Defence prioritise any of the three services based on increased investments in capabilities?¶ (e) If yes, which of the services will receive priority and why? (f) Has the increased investment in capability been considered when formulating a recruitment strategy. ¶(g) If so in what way	Written	Written

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149	Kimberley Kitching	Pacific Step Up Budget Measure	With reference to the Budget measure “Pacific Step-Up – delivering security infrastructure in the Southwest Pacific” on page 71 of 2020-21 Budget Paper No. 2: <ul style="list-style-type: none"> • How much of the \$124.3 million over 10 years from 2020-21 is expected to be spent in each financial year from 2020-21 to 2029-30? • What are the details of the border and patrol boat outpost to be constructed in Solomon Islands’ western provinces? • What other infrastructure projects are under consideration? • What is the process for considering and approving infrastructure projects to be funded under this measure? • Which existing funding allocations, programs or measures of the Department of Defence will be reduced to accommodate the funding for this measure. 	Written	Written
150	Kimberley Kitching	MRH90 Taipan Budget portfolio statements	With reference to the entry for the MRH90 Taipan in Table 25 on page 65 of the 2020-21 Defence Portfolio Budget Statements, what are the reasons for the 2019-20 estimated actual flying hours of 5,168.4 being down from the estimate of 9,670 flying hours for 2019-20 contained in Table 24 on page 62 of the 2019-20 Defence Portfolio Budget Statements. If there is more than one reason, apportion the impact that each reason had on the overall reduction in flying hours. What was the actual outcome for flying hours for the MRH90 Taipan in 2019-20.	Written	Written
151	Kimberley Kitching	ARH Tiger Flying hours	With reference to the entry for the ARH Tiger in Table 25 on page 65 of the 2020-21 Defence Portfolio Budget Statements, what are the reasons for the 2019-20 estimated actual flying hours of 3,456.4 being down from the estimate of 5,300 flying hours for 2019-20 contained in Table 24 on page 62 of the 2019-20 Defence Portfolio Budget Statements. If there is more than one reason, apportion the impact that each reason had on the overall reduction in flying hours. What was the actual outcome for flying hours for the ARH Tiger in 2019-20.	Written	Written
152	Kimberley Kitching	Reduction in flying hours for PC-21, C-27J, F/A-18A/B Hornet, F-35A Lightning II	With reference to the entry for the PC-21 in Table 27 on page 68 of the 2020-21 Defence Portfolio Budget Statements, what are the reasons for the 2019-20 estimated actual flying hours of 12,873 being down from the estimate of 19,626 flying hours for 2019-20 contained in Table 26 on page 65 of the 2019-20 Defence Portfolio Budget Statements. If there is more than one reason, apportion the impact that each reason had on the overall reduction in flying hours. What was the actual outcome for flying hours for the PC-21 in 2019-20? With reference to the entry for	Written	Written

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			<p>the C-27J Spartan in Table 27 on page 68 of the 2020-21 Defence Portfolio Budget Statements, what are the reasons for the 2019-20 estimated actual flying hours of 3,014 being down from the estimate of 7,500 flying hours for 2019-20 contained in Table 26 on page 65 of the 2019-20 Defence Portfolio Budget Statements. If there is more than one reason, apportion the impact that each reason had on the overall reduction in flying hours. With reference to footnote 5 on page 68 of the 2020-21 Defence Portfolio Budget Statements, what are the details of the aircraft availability issues affecting C-27J Spartan flying hours in 2019-20 and are aircraft availability issues expected to affecting flying hours during 2020-21. With further reference to footnote 5 on page 68 of the 2020-21 Defence Portfolio Budget Statements, how did COVID-19 affect flying hours for the C-27J Spartan. What was the actual outcome for flying hours for the C-27J Spartan in 2019-20?¶¶With reference to the entry for the F/A-18A/B Hornet in Table 27 on page 68 of the 2020-21 Defence Portfolio Budget Statements, what are the reasons for the 2019-20 estimated actual flying hours of 6,458 being down from the estimate of 8,100 flying hours for 2019-20 contained in Table 26 on page 65 of the 2019-20 Defence Portfolio Budget Statements. If there is more than one reason, apportion the impact that each reason had on the overall reduction in flying hours. With reference to footnote 10 on page 68 of the 2020-21 Defence Portfolio Budget Statements, how did COVID-19 affect flying hours for the F/A-18A/B Hornet. What was the actual outcome for flying hours for the F/A-18A/B Hornet in 2019-20?¶¶With reference to the entry for the F-35A Lightning II in Table 27 on page 68 of the 2020-21 Defence Portfolio Budget Statements, what are the reasons for the 2019-20 estimated actual flying hours of 3,096 being down from the estimate of 4,564 flying hours for 2019-20 contained in Table 26 on page 65 of the 2019-20 Defence Portfolio Budget Statements. If there is more than one reason, apportion the impact that each reason had on the overall reduction in flying hours. With reference to footnote 14 on page 68 of the 2020-21 Defence Portfolio Budget Statements, what were the reasons for the reduced aircraft availability for the F-35A Lightning II in 2019-20 and how is aircraft availability expected to affect flying hours during 2020-21. What was the actual outcome for flying hours for the F-35A Lightning II in 2019-20?¶¶With reference to the entry for the F/A-18F Super Hornet in Table 27 on page 68 of the 2020-21 Defence Portfolio Budget Statements, what are</p>		
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			the reasons for the 2019-20 estimated actual flying hours of 3,110 being down from the estimate of 4,050 flying hours for 2019-20 contained in Table 26 on page 65 of the 2019-20 Defence Portfolio Budget Statements. If there is more than one reason, apportion the impact that each reason had on the overall reduction in flying hours. With reference to footnote 11 on page 68 of the 2020-21 Defence Portfolio Budget Statements, what were the reasons for the reduced aircraft availability and how is aircraft availability expected to affect flying hours during 2020-21. With further reference to footnote 11, how did COVID-19 affect flying hours for the F/A-18F Super Hornet. What was the actual outcome for flying hours for the F/A-18F Super Hornet in 2019-20?		
153	Kimberley Kitching	Operating cost of F/A-18F Super Hornet and Growler Weapon System	Based on the forecast expenditure of \$473 million in 2020-21 for sustainment of the F/A-18F Super Hornet and Growler Weapon System shown in Table 56 on page 123 of the 2020-21 Defence Portfolio Budget Statements and the combined estimated flying hours of 6,850 hours in 2020-21 for the F/A-18F Super Hornet and the E/A-18G Growler shown in Table 27 on page 68 of the 2020-21 Defence Portfolio Budget Statements, the operating cost of these aircraft will be around \$69,050 an hour in 2020-21. Is this correct? If yes, why is the operating cost for these aircraft more than three times the cost for the F/A-18A/B Hornet and more than double the operating cost for the F-35A Lightning II and what is the operating cost broken down between each of the two aircraft. If no, what will be the estimated hourly operating cost in 2020-21 for both aircraft combined and broken down by each of the two aircraft and what is the methodology used by Defence to calculate these operating costs?	Written	Written
154	Kimberley Kitching	Sustainment of F/A-18F and E/A-18G	With reference to the forecast expenditure of \$473 million in 2020-21 for sustainment of the F/A-18F Super Hornet and Growler Weapon System shown in Table 56 on page 123 of the 2020-21 Defence Portfolio Budget Statements, how much is forecast to be spent in 2020-21 on sustainment of the F/A-18F Super Hornet fleet and how much is forecast to be spent on sustainment of the E/A-18G Growler fleet.	Written	Written

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155	Kimberley Kitching	2016 Integrated Investment Program (IIP)	Provide a reconciliation of the information in the 2016 Integrated Investment Program (IIP) six “Summary of key investment decisions” tables (on pages 36, 60, 73, 89, 101 and 119 of the publicly released IIP) with the information in the 2020 Force Structure Plan (FSP) six “Key Investments” charts (on pages 31, 45, 57, 63, 77 and 85 of the FSP). ¶a) Include information reconciling how capability program titles, program timeframes and investment values have changed as between the IIP tables and the FSP charts. ¶b) Please identify capability programs in the IIP tables which are not included in the FSP charts and indicate the current status of these programs. ¶c) Likewise please identify capability programs in the FSP charts which were not included in the IIP tables. Identify any programs from both the IIP and the FSP which have been approved and provide relevant project numbers.	Written	Written
156	Kimberley Kitching	Maritime Domain Investments	For each of the following Key Maritime Domain Investments in Chart 3 on page 45 of the 2020 Force Structure Plan, provide a breakdown of the investment values shown in the chart by acquisition costs and sustainment costs: ¶• Hunter Class Assurance¶ Hydroscheme Industry Partnership Program ¶• MH-60R Assurance ¶• Anzac Class Assurance ¶• Hobart Class Assurance¶• Collins Class Life of Type Extension.	Written	Written
157	Kimberley Kitching	2020 Force Structure Plan’s “Key Investments”	For each of the investments in the 2020 Force Structure Plan’s “Key Investments” charts (on pages 31, 45, 57, 63, 77 and 85 of the Force Structure Plan), provide a breakdown of the investment values shown in the charts between amounts which are included in the \$270 billion in funding provided by the Government to 2029-30 for capability investment and amounts which are not included in this \$270 billion funding envelope.	Written	Written
158	Kimberley Kitching	Defence planning ¶focus on Australia’s immediate region, ranging from the north-eastern Indian Ocean, through maritime and mainland South East Asia to Papua New	With reference to the statement on page 6 of the 2020 Defence Strategic Update that defence planning will focus on Australia’s immediate region, ranging from the north-eastern Indian Ocean, through maritime and mainland South East Asia to Papua New Guinea and the South West Pacific:¶ • Can Defence provide more detail on the parts of the north-eastern Indian Ocean which are encompassed in this definition of our immediate region?¶ • Does the north-eastern Indian Ocean include the Middle East? ¶ • Can Defence provide more detail on the parts of the South West Pacific encompassed in this definition of the immediate region?¶ • How does the Strategic Update’s definition of Australia’s “immediate region” relate to the concept	Written	Written

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		Guinea and the South West Pacific	of the “Indo-Pacific” – is the immediate region a subset of a wider Indo-Pacific region?		
159	Kimberley Kitching	Landing Helicopter Docks – Amphibious Ships project (JNT 2048, Phase 4A)	With reference to the Landing Helicopter Docks – Amphibious Ships project (JNT 2048, Phase 4A) and the statement in the December 2019 Capability Acquisition and Sustainment Quarterly Performance Report that “Effort is continuing with finalising configuration and the progression of redesign and remediation work. Upgraded major systems will be installed during scheduled dockings in late 2020 and 2021 to bring the platform up to full capability.” (page 10): ¶ • What was the redesign and remediation work that was continuing after the declaration of Final Operational Capability? ¶ • Has this work been finished? ¶ • What are the upgraded systems to be installed during 2020 and 2021 to “bring the platform up to full capability?” ¶ • Have these systems been installed? ¶ • With reference to the Quarterly Performance Report statement that these upgraded systems are needed to resolve key systems experiencing deficiencies, what were the remaining deficiencies and have they been resolved ¶ • What is the difference between Final Operational Capability and full capability? ¶ • When will the ships be at full capability? ¶ • Has Defence made any defect claims for the deficiencies in the Landing Helicopter Docks? ¶ • If yes, which suppliers were those claims made against and have all the defect claims been settled?	Written	Written
160	Kimberley Kitching	Battlefield Command System Project (LAND 200, Phase 2) issues	With reference to the Battlefield Command System Project (LAND 200, Phase 2) and Defence’s response to Senator Kitching’s Senate Question on Notice No 1821 which shows the forecast date of Initial Operational Capability for this project is running 19 months behind schedule and Final Operation Capability is running 16 months behind schedule: ¶ • What are the problems with this project? ¶ • What steps are being taken to resolve the problems with this project?	Written	Written

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161	Kimberley Kitching	Boxer Combat Reconnaissance Vehicle project (LAND 400, Phase 2) slight delays	<p>With reference to the Boxer Combat Reconnaissance Vehicle project (LAND 400, Phase 2) and the statement in Defence’s Capability Acquisition and Sustainment Quarterly Performance Report for the June quarter 2020 that there have been “slight delays” in the delivery of the early vehicles due to “issues” in the global Boxer program and COVID-19: ¶• How long are the delays in delivery of early vehicles? ¶• How many vehicles have been delivered to date? ¶• How many were expected to have been delivered by now?¶• What are the issues with the global Boxer program referred to in the Quarterly Performance Report? ¶• What have been the impacts of COVID-19 on this project? ¶• Is it still the case that 25 vehicles will be made in Germany before manufacturing commences in Australia? ¶• Will the early vehicles be modified in Australia? ¶• Are there any delays with the activities in Germany? If yes what are the details of those delays? ¶• Any delays or issues with the modifications and other activities in Australia? If yes, what are those delays or issues?¶• Has Defence commenced verification and validation testing on the delivered vehicles?¶• What have been the outcomes of those validation activities? ¶• What is the status of Rheinmetall’s preparations to manufacture vehicles in Australia – is activity tracking in accordance with Defence’s expectations? ¶• What is the status of the local manufacturing operations?¶• How many people have been employed and trained? ¶• How many local sub-contractors have been engaged?¶• When will local production start?¶• How many Australian workers does Rheinmetall currently employ directly on this project?¶• How many new jobs have been created at Australian sub-contractors working on this project? ¶• Will Australian steel be used in the vehicles?¶• Is use of Australian steel a requirement under Defence’s contract with Rheinmetall?</p>	Written	Written
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162	Kimberley Kitching	2020 Force Structure Plan and relating to the 2016 Integrated Investment Program (IIP)	<p>In relation to the 2020 Defence Force Structure Plan:¶</p> <ul style="list-style-type: none"> • How does the Force Structure Plan relate to the 2016 Integrated Investment Program (IIP)?¶ • Does the Force Structure Plan replace the IIP or are the two documents to be read together?¶ • How is defence industry meant to understand which elements of the IIP have been superseded by the Force Structure Plan and which elements of the IIP remain in place?¶ • Does the Government still intend to release regular public updates of the Integrated Investment Program. If no, why not?¶ • Will there be regular public updates of the Force Structure Plan? If no, why not?¶ • Are any of the projects in the IIP no longer expected to proceed in light of the Force Structure Plan? If yes, provide details of IIP projects that are no longer planned to go ahead.¶ • Have any of the projects in the IIP had their expected timelines brought forward to earlier dates or pushed back to later dates in light of the Force Structure Plan? If yes, provide details of IIP projects that have had their expected timelines changed. ¶ • The Force Structure Plan says at page 19 that the Government will provide \$270 billion for capability investment over the decade to 2029-30, compared to \$195 billion for the decade to 2025-26 – is this \$270 billion figure in out-turned dollars? ¶ • How much of the Force Structure Plan’s \$270 billion is for capability acquisition and how much is for sustainment?¶ • With reference to the IIP’s capability investment figure of \$195 billion over the decade to 2025-26 and the Force Structure Plan’s capability investment figure of \$270 billion over the decade to 2029-30, how much of the increase from the IIP’s \$195 billion to the Force Structure Plan’s \$270 billion is due to: <ul style="list-style-type: none"> o Extending the timeline for projects that were included in the IIP’s \$195 billion figure forward to 2029-30? o Updating the estimates of the out-turned cost of projects that were included in the IIP’s \$195 billion figure? The increase in the out-turned dollar cost estimate for the Future Submarine project since the IIP’s estimate of “>\$50 bn” o The increase in the out-turned dollar cost estimate for the Future Frigates project since the IIP’s estimate of “>\$30 bn” • How much of the Force Structure Plan’s \$270 billion in capability investment to 2029-30 represents funding for new projects that were not included in the IIP’s \$195 billion capability investment figure?¶ • How much of the Force Structure Plan’s \$270 billion in capability investment to 2029-30 has been approved to be spent? ¶ • Provide a 	Written	Written
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			breakdown of the Force Structure Plan’s \$270 billion in capability investment to 2029-30 showing the amounts expected to be spent on each individual project included in this figure, including any amounts which are not yet allocated to individual projects.¶ • Given that the “Key Investments” charts in the Force Structure Plan show costing ranges for capability investments to 2040 and the total amounts in those seven charts comes to between \$443 billion and \$594 billion, does this mean Defence is identifying an additional \$170 billion to \$320 billion for the period from 2030 to 2040 on top of the figure of \$270 billion in capability investment to 2029-30?		
163	Kimberley Kitching	2020 Defence Force Structure Plan and maritime guided weapons	In relation to the 2020 Defence Force Structure Plan and maritime guided weapons: ¶ • Does the text on page 36 of the Force Structure Plan which says that Defence plans to “acquire a range of advanced maritime guided weapons, including long-range anti-ship and land strike weapons, and extended surface-to-air missiles ...” equate to the item in Chart 3 on page 45 showing Maritime Guided Weapons at a cost of \$16.1 billion to \$24.2 billion?¶ • Table 6 of the Integrated Investment Program (IIP) included at least six separate lines for maritime weapons with a total cost of \$18 to \$24 billion. How do those IIP investments relate to the Force Structure Plan’s single Maritime Guided Weapons line – are they the same capabilities? If no, what are the differences? ¶ • What is the spending profile for the \$16.1 billion to \$24.2 billion over the period 2020 to 2040 – how much would be expected to be spent in the 2020s and how much in the 2030s?	Written	Written
164	Kimberley Kitching	2020 Defence Force Structure Plan and plans for Integrated Undersea Surveillance	In relation to the 2020 Defence Force Structure Plan and plans for Integrated Undersea Surveillance: ¶ • Does the text on page 39 of the Force Structure Plan saying that Defence will invest in an integrated undersea surveillance system, an undersea signature management range and expanded undersea warfare facilities and infrastructure equate to the item in Chart 3 “Integrated Undersea Surveillance System” at a cost of \$5 billion to \$7.4 billion from 2025 to 2040? ¶ • What are the details of the types of capabilities envisaged here?¶ • What types of un-crewed surface and undersea systems are envisaged? ¶ • How advanced are the un-crewed technologies at present – are satisfactory capabilities available at present or is this a technology still in development?¶ • Chart 3 shows these investments starting in	Written	

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			2025 and continuing to 2040. What types of capabilities are envisaged to be acquired from the beginning of this period, from 2025? ¶		
165	Kimberley Kitching	2020 Defence Force Structure Plan and plans for Smart Sea Mines	In relation to the 2020 Defence Force Structure Plan and plans for Smart Sea Mines: ¶ • Page 40 of the Force Structure Plan refers to “Mine warfare capabilities to secure Australia’s maritime approaches focused on modern, smart sea mine systems” but there does not appear to be an item for smart sea mines in Chart 3 on page 45 showing the Key Maritime Domain Investments – is this capability included in Chart 3? • If yes, which items in Chart 3 include this capability? ¶ • If no, why is no budget or schedule information provided for this capability?	Written	
166	Kimberley Kitching	2020 Defence Force Structure Plan and plans for a Support and Salvage Vessel	In relation to the 2020 Defence Force Structure Plan and plans for a Support and Salvage Vessel: ¶ • Page 41 of the Force Structure Plan refers to the “acquisition of a support and salvage vessel to enable the recovery and at-sea repair of large warships” but there does not appear to be an item for this capability in Chart 3 on page 45 showing the Key Maritime Domain Investments – is this capability included in Chart 3? ¶ • If yes, which items in Chart 3 include this capability ¶ • If no, why is no budget or schedule information provided for this capability? ¶	Written	Written
167	Kimberley Kitching	2020 Defence Force Structure Plan and plans for High-Speed Long-Range Strike including Hypersonic Research	In relation to the 2020 Defence Force Structure Plan and plans for High-Speed Long-Range Strike including Hypersonic Research: ¶ • Does the text on page 51 of the Force Structure Plan referring to “A development, test and evaluation program for high-speed, long-range strike and missile defence, including hypersonic weapons, leading to prototypes to inform future investments” equate to the item in Chart 4 on page 57 that reads “High-Speed, Long-Range Strike, including Hypersonic Research” with a cost of \$6.2 billion to \$9.3 billion? ¶ • Does this investment cover both offensive and defensive air combat capabilities – long-range strike weapons as well as missile defence systems for Australia’s combat aircraft? ¶ • The language in the text at page 51 suggests this investment is solely for developing, testing and evaluating such capabilities. Will it cost \$6.2 billion to \$9.3 billion just for research, development and evaluation or does that amount also cover the acquisition of weapons including hypersonic weapons? If acquisition costs are included in the	Written	Written

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			figure, what is the breakdown between development and acquisition? • What does Defence envisage the developmental program for these capabilities looking like? • Is it anticipated that these systems would be developed and produced by Australian industry?		
168	Kimberley Kitching	Plans for Remotely Piloted or Autonomous Combat Aircraft	In relation to the 2020 Defence Force Structure Plan and plans for Remotely Piloted or Autonomous Combat Aircraft: • Does the text on page 51 of the Force Structure Plan referring to “Acquisition of remotely piloted and/or autonomous combat aircraft, including teaming air vehicles ...” equate to the item in Chart 4 on page 57 for “Teaming Air Vehicles” at a cost of \$7.4 billion to \$11 billion from 2025? • What are examples of the types of capabilities and technologies envisaged here? • Is the Boeing Loyal Wingman the type of system that would be covered by this item? • What is the current timeline for the development and prototyping of the Loyal Wingman?	Written	Written
169	Kimberley Kitching	Plans for Advanced Longer-Range Strike Weapons Systems	In relation to the 2020 Defence Force Structure Plan and plans for Advanced Longer-Range Strike Weapons Systems: • Which of the Key Investments in Chart 4 on page 57 of the Force Structure Plan cover the advanced longer-range strike weapons referred to in the text on page 51 referring to “Procurement and integration of advanced longer-range strike weapon systems onto combat aircraft to allow the Air Force to operate at greater range and avoid increasingly sophisticated air defences.”? • Does this planned investment include the purchase of up to 200 AGM-158C Long Range Anti-Ship Missiles that the US State Department approved in February 2020? • What other types of longer-range strike weapons is Defence envisaging acquiring?	Written	Written
170	Kimberley Kitching	Plans for Deployed Ballistic and High-Speed Missile Defence	In relation to the 2020 Defence Force Structure Plan and plans for Deployed Ballistic and High-Speed Missile Defence: • Does the text on page 56 of the Force Structure Plan noting that “The proliferation of ballistic and very high-speed missiles means our deployed forces require enhanced deployable air and anti-missile defence when on operations” relate to the item in Chart 4 for “Deployed Ballistic and High-Speed Missile Defence” with a cost of \$15.8 billion to \$23.7 billion? • What types of defensive capabilities Defence is considering? • Is Defence considering existing anti-missile systems like Patriot missiles, SM6 missiles or the Terminal High Altitude	Written	Written

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			Area Defence system? • What are the threats that these capabilities would be designed to address? What types of “high speed” missiles would this capability address? • What scope is there for cooperative programs with the United States in this space? • What is the basis for the estimated cost of up to \$23.7 billion which is one of the largest of the new investments set out in the Force Structure Plan. • What types of systems and how many of them are to be acquired for that size of planned investment?		
171	Kimberley Kitching	Plans for Medium Range Ground Based Air Defence	In relation to the 2020 Defence Force Structure Plan and plans for Medium Range Ground Based Air Defence: • Is the item in Chart 4 on page 57 of the Force Structure Plan “Medium Range Ground Based Air Defence” at a cost of \$4.9 billion to \$7.3 billion the same capability as the Integrated Investment Program’s provision for “Medium Range Air and Missile Defence”? • If no, what are the different capabilities involved in these two items? • If yes, why has the cost risen from \$1 billion to \$2 billion in the IIP to \$4.9 billion to \$7.3 billion in the Force Structure Plan? • Is this the capability being acquired through the AIR 6500 Phase 2 project?	Written	Written
172	Kimberley Kitching	Plans for Infantry Fighting Vehicles	In relation to the 2020 Defence Force Structure Plan and plans for Infantry Fighting Vehicles: • Does the text on page 68 of the Force Structure Plan outlining plans for land combat vehicles including “Selection and procurement of infantry fighting vehicles to replace the M113AS4 armoured personnel carrier ...” equate to the item in Chart 6 on page 77 for “Infantry Fighting Vehicle” with a cost of \$18.1 billion to \$27.1 billion? • Is this investment covered by the LAND 400 Phase 3 project? • Why has the cost of the Infantry Fighting Vehicle project increased from the \$10 billion to \$15 billion referred to on page 119 of the Integrated Investment Program to \$18.1 billion to \$27.1 billion in the Force Structure Plan? • Has Defence increased the scope of the project or has there been an increase in costs to deliver the same scope that was set out in the IIP? • What is the approved budget for LAND 400, Phase 3? • How many infantry fighting vehicles will be acquired? • On current indications, what will be the acquisition cost per vehicle? • What will be the annual and lifetime sustainment costs for these vehicles.	Written	Written

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173	Kimberley Kitching	Battery of long-range rocket artillery and missile systems	Is the text on page 69 of the Force Structure Plan setting out plans for “The procurement of a battery of long-range rocket artillery and missile systems, upgrades to the range of these systems ... and the purchase of additional units to enable the capability to be expanded into a regiment of three batteries” represented in Chart 6 on page 77 by the three separate items for Long Range Rocket and Missile Systems?	Written	Written
174	Kimberley Kitching	Energy weapon system	With reference to the text on page 69 of the Force Structure Plan referring to “A future program to develop a directed energy weapon system able to be integrated onto ADF protected and armoured vehicles, and capable of defeating armoured vehicles up to and including main battle tanks.” • What type of directed energy weapon system is envisaged? • How would this type of technology be able to defeat enemy tanks? • When does Defence anticipate commencing this development program? • Is this capability included in any of the Key Land Domain Investments in Chart 6 on page 77 on Key Land Domain Investments, If yes, which capability investment in Chart 6 includes this program? • What is the anticipated cost and timing of the development program for a directed energy weapon system?	Written	Written
175	Kimberley Kitching	Plans for Battlefield Aviation capabilities	In relation to the 2020 Defence Force Structure Plan and plans for Battlefield Aviation capabilities: • Chart 6 on Key Land Domain Investments on page 77 of the Force Structure Plan has two items for Long-range Rotorcraft from the late 2020s and Next Generation Rotorcraft from the mid-2030s. What are these capabilities? • Would these aircraft replace the Army’s MRH-90 helicopters? • Page 73 of the Force Structure Plan refers to “procurement of a special operations rotary wing capability to meet the niche demands of special operations.” What capability project is this referring to?	Written	Written
176	Kimberley Kitching	Plans for Undersea Warfare Support Facilities and Infrastructure	In relation to the 2020 Defence Force Structure Plan and plans for Undersea Warfare Support Facilities and Infrastructure: • Is the text on page 119 of the Force Structure Plan referring to infrastructure for the Collins and Attack class submarine fleets covered by the item in Chart 8 on page 119-20 of \$6.8 billion to \$10.2 billion for “Undersea Warfare Support Facilities and Infrastructure”? • What are the details of the planned \$6.8 to \$10.2 billion in planned infrastructure facilities? • Does this amount include provisions for an east coast submarine base?	Written	Written

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177	Kimberley Kitching	2020 Defence Force Structure Plan and munitions supplies	In relation to the 2020 Defence Force Structure Plan and munitions supplies: ¶• Is the text on page 82 of the Force Structure Plan which says the Government has asked Defence to develop options to increase munitions supplies covered by the item in Chart 7 on pages 85 for Weapon Inventory Surety at a cost of \$20.3 billion to \$30.4 billion? ¶• Page 82 of the Force Structure Plan sets out three options – increased weapons inventories, redevelopment of Mulwala and a sovereign weapons production capability. Is it envisaged that all three will be adopted or is the Government looking to decide between these options? ¶• How would the \$20 to \$30 billion cost be spread between the three options? ¶• Can Defence provide more detail about each of the options? ¶• What are the types of costs incurred in maintaining larger weapons inventories? ¶• How would the Mulwala facility be redeveloped and expanded? ¶• What steps would Government consider for developing a sovereign guided weapons and ordnance production capability? ¶• How would that be different from what could be achieved from redeveloping Mulwala? ¶• How does the item in Chart 7 on page 85 for Sovereign Weapons Manufacturing relate to these options? ¶• What will the \$800 million to \$1.1 billion for Sovereign Weapons Manufacturing be spent on?	Written	Written
178	Kimberley Kitching	Capital equipment and capability acquisition projects	Provide the Committee with a list of all capital equipment and capability acquisition projects scheduled for Government consideration in 2020-21.	Written	Written
179	Kimberley Kitching	Approved capital equipment and capability acquisition projects	Provide the Committee with a list of all capital equipment and capability acquisition projects approved by the Government in 2019-20.	Written	Written
180	Kimberley Kitching	Expenditure in 2020-21 on the ICT Acquisition Program	With reference to Serial 3 of Table 5 on page 22 of the Defence Portfolio Budget Statements 2020-21, provide the Committee with details of the estimated \$772.5 million in expenditure in 2020-21 on the ICT Acquisition Program including the main projects, acquisitions, upgrades and types of ICT equipment and capabilities planned to be purchased in 2020-21.	Written	Written

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181	Kimberley Kitching	Unplanned service disruptions within the Defence Network	With reference to page 39 of the Department of Defence's 2018-19 annual report, what are the details of the "unplanned service disruptions within the Defence Network" resulting from the complexity and scale of programs being carried out as part of Defence's ICT infrastructure transformation program.	Written	Written
182	Kimberley Kitching	Defence ICT projects	Provide the Committee with a table showing all Defence ICT projects including project names and designations, approved budgets, total spending to 30 June 2019-20, anticipated spending during 2020-21, and summaries of the scope and outcomes expected from each project.	Written	Written
183	Kimberley Kitching	Pacific humanitarian and disaster relief vessel	With regard to the acquisition of the dedicated Pacific humanitarian and disaster relief vessel the Prime Minister announced on 8 November 2018 as part of the Pacific Step Up and Defence's answer to question on notice 525 from 2019-20 supplementary budget estimates: ¶ • Has the Government made a decision approving this acquisition ¶ • If yes: o When did the Government make this decision o What are the details of the type of vessel o What is the expected cost of the acquisition o Will an Australian-built vessel be acquired ¶ • If no, when is this capability scheduled to be considered by Government for decision.	Written	Written
184	Kimberley Kitching	Reporting on fraud and integrity	With reference to the reporting on fraud and integrity on page 87 of the Department of Defence's 2019-20 Annual Report which indicates there were 257 fraud investigations during 2019-20 and \$992,515 lost due to fraud during the year: ¶ • What are the main types of fraud uncovered by Defence? ¶ • Is there a trend of increasing fraudulent activity given that Table 5.2 on page 87 shows the amount lost in 2019-20 was the highest in the last five years and was around double the average over the previous four years? If not, what caused the significant increase in 2019-20?	Written	Written
185	Kimberley Kitching	Payments to advertising and market research agencies	With reference to the reporting on payments to advertising and market research agencies in Table 4.7 on page 75 of the Department of Defence's 2019-20 Annual Report what are the details of the Data Analysis Australia Pty Ltd market research and longitudinal survey.	Written	Written

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186	Kimberley Kitching	Contract Notice CN3723117	With reference to Contract Notice CN3723117 published on AusTender on 13 October 2020: ¶• How many cavalry trumpets are being purchased under this contract ¶• Are any other items being purchased under this contract • If yes, what other items are being purchased ¶• Why was this procurement conducted by limited tender¶• How many potential suppliers were invited to participate in the limited tender¶• Did Defence invite any Australian suppliers to participate in the limited tender¶• If no, why not ¶• If yes, how many Australian suppliers were invited to participate in the limited tender ¶• Why was the contract awarded to a supplier from the United States.	Written	Written
187	Kimberley Kitching	Contract Notice CN3726596	With reference to Contract Notice CN3726596 published on AusTender on 30 October 2020, what are the details of the earth mound remediation being undertaken under this contract and where is this work being undertaken.	Written	Written
188	Kimberley Kitching	Enhance the resilience of network	On Friday 19th June 2020 the Prime Minister held a press conference to tell the nation that a “sophisticated state-based cyber actor” was “targeting Australian organisations across a range of sectors including all levels of government, industry, political organisations, education, health, essential service providers and operators of other critical infrastructure.” He further indicated that the purpose of this press conference was to “raise awareness of these specific risks and targeted activities and tell you how you can take action to protect yourself... It is vital that Australian organisations are alert to this threat and take steps to enhance the resilience of their networks.” ¶• What steps did the Department of Defence take “to enhance the resilience of their networks” after the Prime Minister’s warning? ¶• The Prime Minister’s media release about this state sponsored campaign encouraged organisations to “take expert advice, and implement technical defences to thwart this malicious cyber activity.” Were any additional technical defences implemented within the Department of Defence to enhance the resilience of its networks in the face of the specific threat identified by the Prime Minister?¶• Were any additional controls or mitigations implemented within the Department of Defence to enhance the resilience of its networks in the face of the specific threat identified by the Prime Minister?¶• Was any new staff training initiated to enhance resilience against any	Written	Written

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			phishing attacks targeting staff that may accompany this state sponsored campaign? If so, please provide the details to the committee. • Were any internal communications prepared for staff about the threat of the state sponsored campaign identified by the Prime Minister in his June 19th 2020 press conference and what staff could do to maximise the cyber resilience of the Department of Defence's networks? If so, please provide them to the committee.¶ • Was any additional funding allocated to support additional technical defences, controls, mitigations or training within the Department of Defence in response to the Prime Minister's press conference?¶ • Was advice sought from the Australian Signals Directorate about the cyber resilience of the Department of Defence's networks in the face of the state sponsored campaign identified by the Prime Minister in his June 19th 2020 press conference? ¶ • Was the Minister briefed on the cyber resilience of the Department of Defence's networks in the face of the state sponsored campaign identified by the Prime Minister in his June 19th 2020 press conference? ¶ • Was the Minister briefed on any additional steps to enhance the resilience of the Department of Defence's networks needed in the face of the state sponsored campaign identified by the Prime Minister in his June 19th 2020 press conference? ¶		
189	Kimberley Kitching	Compliance with the Australian Signals Directorate's 'Top Four' mitigations	Is the Department of Defence compliant with the Australian Signals Directorate's 'Top Four' mitigations as mandated under the Protective Security Policy Framework?	Written	Written
190	Kimberley Kitching	2019-2020 Cyber Security spend	What was the Department of Defence's total spend on the cyber security of its networks during the 2019-2020 financial year?	Written	Written¶
191	Kimberley Kitching	IT Spend	What is the cyber security spend as a proportion of the Department of Defence's total IT spend?	Written	Written¶

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192	Kimberley Kitching	2020-2021 forecast of total spend on Cyber Security	What is the Department of Defence's forecast total spend on the cyber security of its networks during the 2020-2021 financial year?	Written	Written
193	Kimberley Kitching	Cyber Security Expenditure	Has the Department of Defence's total spend on cyber security increased proportionately to the increased threat identified in the Prime Minister's press conference?	Written	Written
194	Kimberley Kitching	Domain-based Message Authentication, Reporting and Conformance (DMARC)	Has the Department of Defence fully implemented Domain-based Message Authentication, Reporting and Conformance (DMARC) on its email domains	Written	Written
195	Kimberley Kitching	Email domain mitigation	Does the full implementation of Domain-based Message Authentication, Reporting and Conformance (DMARC) provide the most effective email domain mitigation against the threat of phishing emails?	Written	Written
196	Kimberley Kitching	Implementation of DMARC	Has the Department of Defence worked with the Australian Cyber Security Centre to progress its implementation of DMARC?	Written	Written
197	Kimberley Kitching	Implementation of DMARC	Has the Department of Defence received an appropriation for the implementation of DMARC?	Written	Written
198	Kimberley Kitching	Information Security Manual guidance	Does the Information Security Manual guidance for email gateways and servers recommend "DMARC records are configured for all domains such that emails are rejected if they fail SPF or DKIM checks"?	Written	Written¶

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199	Kimberley Kitching	Levels of DMARC implementation	The ACSC's "Malicious Email Mitigation Strategies" provides that "Socially engineered emails containing malicious attachments and embedded links are routinely used in targeted cyber intrusions against organisations." Is the Department of Defence concerned that the low levels of DMARC implementation within Commonwealth government departments revealed by Proofpoint leaves Australians unnecessarily vulnerable to phishing campaigns spoofing Commonwealth government agency domains?	Written	Written¶
200	Kimberley Kitching	Cyber Security Training	Have APS staff in the Department of Defence received cyber security training? How many APS staff in the Department of Defence have attended in person cyber security training sessions? Who administers and conducts this training?	Written	Written
201	Kimberley Kitching	Targets for active users that have completed cyber security training	Does the Department of Defence have a target for the proportion of active users of the Department of Defence's Network that have completed in-person cyber security training sessions?	Written	Written
202	Kimberley Kitching	cyber security training mandatory	Has consideration been given to making cyber security training mandatory for users of the Department of Defence's Network? If so, what was the outcome of those considerations?	Written	Written
203	Kimberley Kitching	Cyber security training	What other forms of cyber security training does the Department of Defence provide?	Written	Written
204	Kimberley Kitching	LAND 907 Phase 2	With respect to LAND 907 Phase 2: ¶• What is the scope of this project? ¶• What is the current status of this project? ¶• What is the approved budget for this project and how many funds have been expended to date? ¶• Please provide a summary of the milestones for this project, including entry and exit dates for each milestone. ¶• Is it the case that this acquisition is occurring through a US Foreign Military Sale (FMS) and thus did not go out to competitive tender? ¶• Prior to deciding to use FMS, what analysis did Defence conduct on the capacity of Australian suppliers to	Written	Written

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			provide the necessary upgrades? ¶• Is it Defence’s position that there is no capacity to conduct this acquisition locally? If so, please explain how Defence reached that view. ¶• Did Defence engage with Australian-based companies about their capacity to conduct these upgrades? If so, when did these consultations occur and with which potential suppliers did Defence engage? • What is the strategy for Australian involvement in this project and how will that support sovereignty around our main battle tank capabilities?¶• Who authorised the use of FMS rather than a competitive tender process? Was Ministerial agreement sought and, if so, when was it sought and received?		
205	Kimberley Kitching	Defence grants programs or funds	Does Defence administer any grants programs or funds? o If so, what are they? ¶• Do all of the grants programs have grant guidelines that are readily available to the public? • Who is the decision-maker for these grants or funds? How is the decision-maker assisted in making their decisions – departmental advice, an advisory group, some other independent body? ¶• Were there any new grants programs or funds established in the 2020 Budget or the July update that the Department of Defence is responsible for? o If so, what are they, and how much funding was provided? ¶• For the new grants programs, have grant guidelines been developed? Where are they up to at the moment? Will Defence be consulting with the Department of Finance on these guidelines? ¶• For the new grants programs, who will be the decision-maker for the grants? How will the decision-maker be assisted in making their decisions, will it be departmental advice? An advisory group? Some other independent body? ¶• For the new funds, how will funding be distributed? ¶• For the new funds, who will be the decision-maker for the funding? How will the decision-maker be assisted in making their decisions, will it be departmental advice? An advisory group? Some other independent body? ¶• How will the decision making process ensure grants go to projects based on merit, and not whether they are in a marginal or target Liberal seat? • Will the Department be having regard to the sports rorts scandal to ensure that is not repeated? ¶• What assurance can you give that this will not be another sports rorts scandal – and that projects will be funded based on their merit and not where they fall on the Prime Minister’s colour coded spreadsheet? ¶• Were there any grants programs or funds that the Department of	Written	Written

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			Defence administers that were provided with additional funding in the 2020 Budget or the July update? ¶10 If so, what were they, and how much funding was provided?		
206	Kimberley Kitching	Collins main motor replacement as part of LOTE	Defence has indicated that the Collins main motor will be replaced with new technology as part of the life of type extension program: ¶11 What is the imperative to replace the current motor with a new one of very different technology, which presumably would consequently require replacement of all the associated switchgear, power and control cabling and to modify the ship control system? ¶12 Is the current main motor no longer maintainable? ¶13 Will this put pressure on the schedule and increase the risk?	Written	Written
207	Kimberley Kitching	Future Submarine Program facilities in Cherbourg	With respect to the Future Submarine Program: ¶14 How much has and will be spent building and upgrading facilities in Cherbourg? ¶15 Is it the case that the Parliamentary Committee on Public Works was not advised about building work in Cherbourg? ¶16 If so, why was it not referred to the Parliamentary Committee on Public Works?	Written	Written
208	Kimberley Kitching	Defence Estate properties on property disposal list	a) How many Defence Estate properties are currently on the property disposal list? ¶17 b) Of these, how many have been sold or are under offer? ¶18 c) What is the value of these properties? ¶19 d) What is the estimated value of the remaining properties? ¶20 e) Will the unsold properties be withdrawn from sale? ¶21 f) Given the current recession, is it in the best interest of the Australian taxpayer to sell substantial sites such as Leeuwin Barracks, Western Australia and Defence Site Maribyrnong, Victoria?	Written	Written
209	Kimberley Kitching	Defence Force Retirement and Death Benefits (DFRDB)	In relation to the Defence Force Retirement and Death Benefits (DFRDB) scheme and the 2019 Commonwealth Ombudsman investigation into the scheme: ¶22 a) Can Defence provide an update on the number of Compensation for Detriment caused by Defective Administration (CDDA) scheme applications it has received and of those, the number of claims that have been resolved? How have they been resolved? Have any applicants received compensation payments? ¶23 b) In response to the review, Defence and the Commonwealth Superannuation Corporation, who manage the scheme, both accepted the recommendations to improve their advice and communications to members. Can the department advise if this is being	Written	Written¶

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			implemented and the progress of this? How is this being carried out? ¶(c) Has Defence undertaken any other consultation or engagement with DFRDB scheme members since the Ombudsman’s review was finalised?		
210	Jordon Steele-John	Defence exports to Saudi Arabia and UAE	Context for Questions United Nations Human Rights Council report in to the Conflict in Yemen - For the third year running since the Human Rights Council set the experts to work, they had found “reasonable grounds to believe that the parties to the conflict have committed and continue to commit serious violations of international human rights and international humanitarian law. Some of which may amount to war crimes.” ¶Questions:¶• How many permits were granted for the export of defence material from Australia to Saudi Arabia from 23 August 2019 to 26 October 2020? ¶• How many permits were granted for the export of defence material from Australia to the United Arab Emirates from 23 August 2019 to 26 October 2020?	Written	Written
211	Jordon Steele-John	Defence exports to Turkey	Context for Questions On 15 October last year, after Turkey began an offensive in NE Syria on 6 October, Defence Minister Linda Reynolds is reported as saying: ¶"I'm responsible for Defence exports, and in light of recent developments, I have asked Defence to consult right across government before any new or pending export permits to Turkey are considered. So I've asked for a pause. We are reviewing the situation to make sure that we do the right thing." Her rationale was "... [the incursion] is causing great civilian suffering. It's leading to great population displacement and it will make it very hard to provide humanitarian access to the area." ¶Questions: ¶• What was the outcome of the review? (Some European states suspended exports at the time). ¶• What defence exports flow from Australia to Turkey? ¶• Why was a pause and review conducted of permits and exports to Turkey within nine days of the conflict in NE Syria beginning, but no similar action taken for exports to countries like UAE and KSA who are credibly accused of breaches of IHL and IHRL, and responsible for a prolonged humanitarian crisis in Yemen? ¶• Are Australian defence exports being deployed by Turkey in the Nagorno-Karabakh conflict? (HRW reports banned cluster munitions and attacks on civilians)	Written	Written

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212	Jordon Steele-John	Exercises the ADF to participate in	Can you please provide the cost information for the below exercises for which the ADF will be participating in: o Cost of Exercise Malabar 2020? o Cost of RIMPAC Exercise? o Projected cost of Talisman Sabre 21? o Cost of all exercises in the South China Sea for 2020 and projected costs for 2021? o Cost of Exercise Koolendong?	Written	Written
213	Jordon Steele-John	Tender Process for Defence Establishment at Orchard Hills	Context for Questions:¶ These questions will ask about the tender process for Defence Establishment at Orchard Hills in Western Sydney¶ o Tender number 12112019 ¶O https://www.tenders.gov.au/Atm/ShowClosed/0ab2701b-7cff-4d81-a059-2d522f263cc9¶?PreviewMode=False¶¶ Questions: ¶ • Where the tender for work at Defence Establishment Orchard Hills up to? It closed for applications almost a year ago but does not appear to have been awarded. o Has it been paused? If so, why?¶ • What is the expected dollar value of this tender? o Has the tender already been awarded? If so, to whom and for how much?¶ • What works are covered by this tender?	Written	Written
214	Rex Patrick	NUSHIP Stalwart fit-out	In a Facebook Post Minister Reynolds advised that “Australian industry is contributing to this crucial capability with Australian company Navantia Australia contracted to deliver an Australian fit-out for Supply and her sister ship, NUSHIP Stalwart, when she arrives next year.” 1. What is the scope of the Australian fit-outs, that the Minister was referring to?	Written	Written
215	Rex Patrick	Humanitarian Aid Disaster Relief / Pacific Support Vessel program	See Q189 and FSP 2020 ¶1. What is the current status of the Humanitarian Aid Disaster Relief / Pacific Support Vessel program? In a previous response to a QON (Q189) Defence advised that the Minister was seeking additional information in regards to the HADR Vessel. ¶2. Has Defence provided the Minister with all of the additional information that was requested? ¶a. When was this provided? ¶b. When are 1st Pass and 2nd Pass approvals now scheduled to occur?	Written	Written
216	Rex Patrick	OPV Project	In relation to the JCPAA hearing on 3 July Defence was asked “In April 2018 a new Contract Negotiation Directive was issued, what were the substantive differences between it and the previous directive (Dec 2017)” The question was not answered and the response included the statement “The detail of those differences is commercially sensitive and result from documents and other information provided to the Commonwealth by Naval Group, and were the subject of negotiations with Naval Group under conditions of confidentiality.” The recent ANAO report into the	Written	Written

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			OPV, included a summary of the negotiation issues. ¶1. Why is it that the OPV project is able to provide such information, for the ANAO to include in its audit report, yet the submarine project deems the information to be commercially sensitive?		
217	Rex Patrick	NSAB Budget	1. What was the cost of the NSAB in 2019-20? a. What's the 2020-21 budget?	Written	Written
218	Rex Patrick	National Naval Shipbuilding Enterprise	Establishing the National Naval Shipbuilding Enterprise, which will be a significant Sovereign Industrial Capability, is a large scale program that actually spans a number of platform delivery projects. ¶1. What priorities have been defined by the National Naval Shipbuilding section to ensure the establishment of the National Naval Shipbuilding Enterprise? ¶2. How have these priorities been incorporated, captured and/or reflected in the related platform delivery project plans [SEA 1000, SEA 1180, SEA 5000]? ¶a. How is the section measuring the progress? ¶3. The sections ability to deliver, is highly dependent on a number of programs all meshing together at the appropriate time. Has the National Naval Shipbuilding section established an overarching 'Master Schedule' that integrates all of the platform delivery projects key milestones into a single schedule that the National Naval Shipbuilding is working against? ¶a. If so, please provide a copy of that Integrated Master Schedule? ¶4. What's the status of the update to the 'Naval Shipbuilding Plan', when is it to be released? ¶a. What level of definition will it have regarding the sustainment of Navy's platforms going forward? ¶i. How will it differ from Plan Galileo?	Written	Written
219	Rex Patrick	OPV construction	1. The recent ANAO report stated that as of July 2020 the OPV construction was proceeding without an approved Contract Master Schedule. Is this still the case? a. On what date was the Contract Master Schedule supposed to be delivered? ¶2. An EVMS plan was provided February 2018, but an EVM system had not been established. Is an approved EVMS now in place? ¶a. In the absence of an EVMS how is progress actually being measured? ¶3. What other contracted deliverables have: ¶a. Not yet been delivered, as per the schedule? ¶b. Been delivered but not	Written	Written

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			accepted? ¶c. Against each of the items at 3a and 3b above, please state the delivery date as per the schedule?		
220	Rex Patrick	OPV - Contract Master Schedule & Earned Value Management System	OPV - Contract Master Schedule & Earned Value Management System The Budgeted Estimate for FY 2019-20 was \$349M, this was revised to \$249M and there was an actual expenditure of \$227M. From the Defence Annual Report. “The variation is due to partial payment only for a Design Review Milestone due re phasing of Luerssen Production Readiness Review. Other factors included delays with approving a Contract Change Proposal for Simulators; lower than forecast spend on Government Furnished Equipment, Armidale Life Of Type Extension and project office costs.” ¶1. How much of the \$122M underspend relates to the Design Review Milestone? ¶2. When is the rephased Production Readiness Review scheduled to be conducted?¶ a. What is the scope of the Production Readiness Review? 3. What scope of work associated with the “Armidale Life Of Type Extension” resides within the scope of the SEA 1180 project?¶ a. How is this scope of work impacting the budget expenditure? ¶4. What’s the dollar value attached to that work?¶ 5. What simulators are within the scope of the SEA 1180 project?¶ a. When was the simulator work introduced to the SEA 1180 project? ¶b. How is this intended to be contracted?	Written	Written
221	Rex Patrick	OPV	From the ANAO report construction commenced in November 2018 (OPV 1) and June 2019 (OPV 2), yet there were still “issues relating to upper deck design ... at the completion of the detailed design review for Platform Stream B in April 2019” The OPV’s will utilise three smaller watercraft of two different types, two RHIB Sea Boats one each stored on the port and starboard upper decks that are launched and recovered from Davits and a Rapid Insertion Craft stored on the quarterdeck that are launched and recovered via a stern ramp.¶ 1. What was the assessed or estimated magnitude of the design changes required to modify the launch and recovery equipment and stowages for the two RHIB Sea Boats?¶ a. Who calculated this assessment/estimation? b. What did the advice obtained from Luerssen state?¶ 2. What was the assessed or estimated magnitude of the design changes required to	Written	

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			modify the stern launch and recovery arrangement and stowage for the Rapid Insertion Craft? ¶ a. Who calculated this assessment/estimation? ¶ b. What did the advice obtained from Luerksen state? ¶ 3. Did Defence personnel conduct any first hand assessment of the Boomeranger boats prior to a contract being signed? ¶ a. If so, what was the nature of these assessments? ¶ b. Was there a formal assessment/trial program?		
222	Rex Patrick	AIC Program Reform	In continuance of the response to JCPAA Q1 AIC Program Reform. ¶ • “The Minister for Defence Industry announced on 6 February 2020 an Independent Australian Industry Capability (AIC) Audit Program will be established this year.” ¶ • “The proposed program is currently under development and is expected to be released this year.” ¶ 1. When will the audit schedule/program be finalised? a. Will it be made public, if so when? ¶ 2. Can Defence please confirm that the scope of the audits will include: ¶ a. Comparison of the contracted AIC Plan to the AIC Plan supplied as part of the tender response/submission? ¶ b. Assessment of the supplier’s actual performance against their contracted AIC Plan? ¶ 3. As the planning of the AIC Audit Program progressed what if any interaction did Defence have with Industry? a. What form did that interaction take? b. Who did Defence meet with (Please provide a list)? ¶ 4. What is the cost estimate of engaging commercial providers to undertake the audits in: ¶ a. FY 2020-21 ¶ b. FY 2021-22 ¶ c. FY 2022-23 d. Where are these costs for these audits captured in the PBS?	Written	Written
223	Rex Patrick	AIC reporting	In relation to the response provided to JCPAA Q2 AIC Reporting: ¶ 1. The answer to the above referenced question seems to assert that each contract greater than \$20 million have an AIC plan that includes elements which can be clearly measured. Can Defence confirm that every contracted AIC plan establishes a baseline against which a meaningful comparison or assessment can be made regarding AIC performance and compliance?	Written	Written
224	Rex Patrick	Defence Industry Section	1. How many staff are in the Defence Industry Section? ¶ 2. Who is the Defence Industry Section’s customer? ¶ 3. How is the performance of the Defence Industry Section measured?	Written	Written

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225	Rex Patrick	Thales' production of Hawkei	<p>1. Has the Hawkei now entered full-rate production? ¶a. If so, were any concessions granted to enable the vehicle to enter full-rate production? b. If not, when is the vehicle expected to enter full-rate production? ¶2. What information and level of awareness does Defence have regarding the actions by Thales to reduce the work scope with their current local supplier base? ¶a. Have the Minister for Defence and/or Minister for Defence Industry been informed? ¶b. If so, when? ¶c. What if any feedback did they provide? ¶3. Is Defence aware of Thales' investigations regarding shifting the sourcing of equipment for the Hawkei program to Indian based suppliers? ¶a. Has Defence made any representations on this topic? b. If so, when and to whom? ¶c. What was the nature of those representations?</p>	Written	Written
226	Rex Patrick	LAND 400 Ph 2 - Boxer	<p>LAND 400 Ph 2 - Boxer - From the public AIC Plan. "The scope of the contracted services includes all activities necessary to manage, design, develop, construct, integrate, test, deliver, install and commission a minimum of 211 CRVs with supporting infrastructure to the Commonwealth in accordance with the contract" The Public AIC Plan for the Support contract was published on 6 December 2019 (but work doesn't commence till June 2023) ¶1. What are the key milestones, and their associated dates, of the LAND 400 Phase 2 project? 2. Does the LAND 400 Phase 2 contract include specific AIC targets/requirements? ¶3. The Public AIC Plan for acquisition was published on 12 August 2018, has there been any updates to Rheinmetall's AIC plan? a. What if any follow up does Defence do with regards to the public AIC plans?¶4. The Public AIC Plan: a. The plan advises there's an "online industry portal (BoxerCRV.com.au) for LAND 400 Phase 2" and that "Rheinmetall will use this portal to advertise future work". Has Defence reviewed that web site?¶ i. When was the last time this was reviewed? ¶b. Has Defence reviewed the ICN webpage associated with the LAND 400 Phase 2 project? i. When was the last time this was reviewed?¶5. The program has achieved a substantial level of maturity. Could Defence provide a list of the Australian companies that are now under contract to supply into the project?¶ a. Which companies have been contracted to supply into Rheinmetall's overseas programs, as outlined in the AIC Plan? ¶6. Has Rheinmetall informed defence of any deficiencies that they've identified within the Australian industrial base that preclude them from inclusion in the Boxer supply</p>	Written	Written

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			chain?¶ a. If so, what are those deficiencies? b. How has this been communicated to Australian industry? ¶7. Previous coverage has stated that the first 25 of the 211 vehicles are to be delivered from Europe, with the other 186 to be manufactured at the MILVEHCOE in Ipswich QLD.¶ a. What is the scope of the local manufacturing? b. Are the vehicles being built in batches? i. What are the batching arrangements? ¶8. Is Defence aware that Australian suppliers are now being asked to quote against quantities substantially less than the 186 vehicles?		
227	Rex Patrick	Sovereign Industry Capability Priorities (SICPs)	The 2016 DIPS states:¶ "There are some capabilities that are so important to Australian Defence missions that they must be developed or supported by Australian industry because overseas sources do not provide the required security or assurances we need." ¶And: ¶"A Defence Industrial Capability Plan will be created that identifies the sovereign industrial capabilities that are required to be maintained and supported in Australia." Defence has now identified 10 Sovereign Industry Capability Priorities (SICPs). ¶1. Within the total contracted expenditure for major Defence capabilities that have been contracted since 2016, what is the total \$ amount relating to SICIP component(s)?¶ 2. Of the total contracted amount relating to SICIP components, what \$ amount has been contracted to Australian based industry? ¶3. Of the total contracted amount relating to SICIP components and contracted to Australian based industry (i.e. to an entity with an Australian ABN), what portion has then been subcontracted to overseas to foreign industry?¶ 4. If (as per 2016 DIPS) overseas sources for these elements do not provide the required security or assurances Australia needs, why has Defence not established contracts such that 100% of the SICIP component of this work is undertaken by a supplier in Australia?	Written	Written
228	Rex Patrick	Approach to Risk	Approach to Risk There's a strongly held impression within Australian defence industry that CASG considers the existence of any development in proposals to create a degree of risk that outranks considerations related Defence's stated desires for: • the development of high tech industrial capability, and • the nurturing of quality Australian owned and controlled SME's. 1. Is the Capability Acquisition and Sustainment Group (CASG) aware of this perception? 2. What steps is CASG taking to ensure that when assessing a project's technical risk, evaluation teams look	Written	Written

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			beyond just the existence of technical development and also consider the track record of the Australian SME's in undertaking development? a. Where that track record is strong, would Defence assess the project technical risk as low?		
229	Rex Patrick	Australian Owned IP	Australian Owned IP Concerns have been raised about inequitable access rights and licensing of Australian IP and Foreign IP. The delineation being Australian IP is IP developed and held here in Australia by an Australian company, with Foreign IP having been developed and resident overseas, irrespective of whether it's being made available through an Australian based subsidiary. ¶1. Defence, in its standard contracting template clauses demands access to license the source code and technical design data of local SMEs' technology? a. Is defence securing the same access and licensing rights from foreign suppliers?¶2. Does Defence appreciate that once a company's IP is accessible by any other entity - including Defence itself or other commercial entities - the value of the company's IP asset can be compromised? ¶3. Why doesn't Defence limit its access to only seeking licenses to the minimal set of the SME's technical information necessary to enable the integration of the SME's product to other items of Defence equipment? ¶4. Is it correct that Australian SME's are considered non-compliant by Defence when they submit tender responses that do not agree to handing over full access to the technology they have invested in? ¶a. If the same access is not secured from foreign suppliers (be that through ownership and/or export limitations/restrictions), how does Defence deem the practice to be fair and reasonable? ¶b. What measures can be taken to ensure that Australian SME's are not unfairly disadvantaged should they not fully comply with Defence's IP clauses when tendering (access to software source code, technical design data, etc)? ¶5. What is the definition of "sovereign" in Australian Defence terms, does it refer to items made in Australia by a foreign owned global business, items made in Australia by Australian controlled companies, or is there another definition?	Written	Written¶

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230	Katy Gallagher	Contractor Expenditure	1. Please provide the following figures: a. Expenditure on all contractors for 2019-20 ¶ b. Expenditure on all contracts with labour hire firms for 2019-20 ¶ c. Headcount of staff engaged through labour hire arrangements as at 30 June 2020 ¶ i. In total ¶ ii. As a percentage of total staff headcount ¶ d. As a percentage mark-up on the cost of the contractor, the maximum and minimum fees paid to labour hire firms in 2019-20	Written	Written
231	Katy Gallagher	Cost analysis between Contractors and Employees	Has the agency performed any analysis on whether it costs more to engage staff as contractors compared with hiring staff as employees? If yes, please provide this analysis.	Written	Written
232	Katy Gallagher	Engagement of Senior Executive Service on Contract/labour hire basis	Has the agency engaged any Senior Executive Service or equivalent positions on a contract/labour hire basis? If yes, please provide details.	Written	Written
233	Katy Gallagher	Market research contracts	In relation to contracts for market research: ¶ a. How much has been spent to date since 1 January 2020? ¶ b. How much has been spent since 24 August 2018? ¶ c. Please provide a table with all contracts entered into since 1 January 2020 along with the following information: ¶ i. Total contract value ¶ ii. Supplier ¶ iii. If it was approved by the Service Delivery and Coordination Committee ¶	Written	Written
234	Jacqui Lambie	Army Fair Go Hotline	DVA transferred QON ¶ 1. How many complaints have been registered through the Army Fair Go Hotline over the past year? ¶ 2. Please provide a breakdown of complaints by base.	Written	Written
235	Kimberley Kitching	Executive Management	In relation to executive management for the Department and its agencies, can the following be provided for each of the periods 1 July 2019-31 December 2019; 1 January 2020-30 June 2020 and 1 July 2020-30 September 2020: ¶ a. The total number of executive management positions ¶ b. The aggregate total remuneration payable for all executive management positions. ¶ c. The change in the number of executive manager positions. ¶ d. The change in aggregate total remuneration payable for all executive management positions.	Written	Written

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236	Kimberley Kitching	Ministerial functions	a. In relation to any functions or official receptions hosted by Ministers or Assistant Ministers in the portfolio for each of the periods 1 July 2019-31 December 2019; 1 January 2020-30 June 2020 and 1 July 2020-30 September 2020, can the following be provided:¶List of functions. ¶List of all attendees. ¶Function venue.¶Itemised list of costs (GST inclusive).¶Details of any food served.¶Details of any wines or champagnes served including brand and vintage.¶Any available photographs of the function.¶Details of any entertainment provided.	Written	Written
237	Kimberley Kitching	Departmental functions	a. In relation to expenditure on any functions or official receptions etc hosted by the Department or agencies within the portfolio for each of the periods 1 July 2019-31 December 2019; 1 January 2020-30 June 2020 and 1 July 2020-30 September 2020, can the following be provided:¶List of functions.¶List of all attendees.¶Function venue.¶Itemised list of costs (GST inclusive).¶Details of any food served.¶Details of any wines or champagnes served including brand and vintage. ¶Any available photographs of the function.¶Details of any entertainment provided.	Written	Written
238	Kimberley Kitching	Executive office upgrades	Have any furniture, fixtures or fittings of the Secretary’s office, or the offices of any Deputy Secretaries, been upgraded for each of the periods 1 July 2019-31 December 2019; 1 January 2020-30 June 2020 and 1 July 2020-30 September 2020. If so, can an itemised list of costs please be provided (GST inclusive).	Written	Written

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239	Kimberley Kitching	Customised and special-order furniture and office supplies	For each of the periods 1 July 2019-31 December 2019; 1 January 2020-30 June 2020 and 1 July 2020-30 September 2020, can the Department/agency advise the quantum spent on customised and special-ordered furniture and office supplies (excluding items such as ergonomic desks and chairs and items required for work, health and safety purposes). Please provide a full breakdown, descriptions and cost.	Written	Written
240	Kimberley Kitching	Facilities upgrades	1. Were there any upgrades to facility premises at any of the Departments or agencies for each of the periods 1 July 2019-31 December 2019; 1 January 2020-30 June 2020 and 1 July 2020-30 September 2020. This includes but is not limited to: staff room refurbishments, kitchen refurbishments, bathroom refurbishments, the purchase of any new fridges, coffee machines, or other kitchen equipment.¶2. If so, can a detailed description of the relevant facilities upgrades be provided together with an itemised list of costs (GST inclusive). ¶3. If so, can any photographs of the upgraded facilities be provided.	Written	Written
241	Kimberley Kitching	Staff travel	What is the total cost of staff travel for departmental/agency employees for each of the periods 1 July 2019-31 December 2019; 1 January 2020-30 June 2020 and 1 July 2020-30 September 2020.	Written	Written
242	Kimberley Kitching	Legal costs	What are the total legal costs for the Department/agency for each of the periods 1 July 2019-31 December 2019; 1 January 2020-30 June 2020 and 1 July 2020-30 September 2020.	Written	Written
243	Kimberley Kitching	Secretarial travel	a. Can an itemised list of the costs of all domestic and international travel undertaken by the Secretary of the Department for each of the periods 1 July 2019-31 December 2019; 1 January 2020-30 June 2020 and 1 July 2020-30 September 2020 be provided including:¶Flights for the Secretary as well as any accompanying departmental officials, and identify the airline and class of travel.¶Ground transport for the	Written	Written

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			Secretary as well as any accompanying departmental officials. ¶ Accommodation for the Secretary as well as any accompanying departmental officials, and identify the hotels the party stayed at and the room category in which the party stayed. ¶ Meals and other incidentals for the Secretary as well as any accompanying departmental officials. Any available menus, receipts for meals at restaurants and the like should also be provided. ¶ Any available photographs documenting the Secretary's travel should also be provided.		
244	Kimberley Kitching	Departmental staff allowances	1. Can a list of Departmental/agency allowances and reimbursements available to employees be provided.	Written	Written
245	Kimberley Kitching	Market research	1. Does the Department/agency undertake any polling or market research in relation to government policies or proposed policies. ¶ 2. If so, can the Department provide an itemised list of: ¶ Subject matter ¶ Company ¶ Costs for each of the periods 1 July 2019-31 December 2019; 1 January 2020-30 June 2020 and 1 July 2020-30 September 2020 ¶ Contract date period ¶ 3. Can the Department/agency advise what, if any, research was shared with the Minister or their office and the date and format in which this occurred.	Written	Written
246	Kimberley Kitching	Advertising and information campaigns	1. What was the Department/agency's total expenditure on advertising and information campaigns for each of the periods 1 July 2019-31 December 2019; 1 January 2020-30 June 2020 and 1 July 2020-30 September 2020. ¶ 2. What advertising and information campaigns did the Department/agency run in each relevant period. For each campaign, please provide: ¶ a. When approval was first sought. ¶ b. The date of approval, including whether the advertising went through the Independent Campaign Committee process. ¶ c. the timeline for each campaign, including any variation to the original	Written	Written

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			proposed timeline.¶ 3. Can an itemised list of all Austender Contract Notice numbers for all advertising and information campaign contracts in each period be provided.		
247	Kimberley Kitching	Promotional merchandise	1. What was the Department/agency’s total expenditure on promotional merchandise for each of the periods 1 July 2019-31 December 2019; 1 January 2020-30 June 2020 and 1 July 2020-30 September 2020.¶2. Can an itemised list of all Austender Contract Notice numbers for all promotional merchandise contracts in that period please be provided.¶3. Can photographs or samples of relevant promotional merchandise please be provided.¶	Written	Written
248	Kimberley Kitching	Ministerial overseas travel	a. 1. Can an itemised list of the costs met by the department or agency for all international travel undertaken by Ministers or Assistant Ministers in the portfolio for each of the periods 1 July 2019-31 December 2019; 1 January 2020-30 June 2020 and 1 July 2020-30 September 2020 please be provided including: ¶Flights for the Minister and any accompanying members of the Minister’s personal staff or family members, as well as any accompanying departmental officials, together with the airline and class of travel.¶Ground transport for the Minister and any accompanying members of the Minister’s personal staff or family members, as well as any accompanying departmental officials.¶Accommodation for the Minister and any accompanying members of the Minister’s personal staff or family members, as well as any accompanying departmental officials, and identify the hotels the party stayed at and the room category in which the party stayed.¶Meals and other incidentals for the Minister and any accompanying members of the Minister’s	Written	Written

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			personal staff or family members, as well as any accompanying departmental officials. Any available menus, receipts for meals at restaurants and the like should also be provided.¶Any available photographs documenting the Minister’s travel should also be provided.		
249	Kimberley Kitching	Social media influencers	1. What was the Department/agency’s total expenditure on social media influencers for each of the periods 1 July 2019-31 December 2019; 1 January 2020-30 June 2020 and 1 July 2020-30 September 2020.¶2. What advertising or information campaigns did the Department/agency use social media influencers to promote.¶3. Can a copy of all relevant social media influencer posts please be provided.¶4. Can an itemised list of all Austender Contract Notice numbers for all relevant social media influencer contracts please be provided.	Written	Written
250	Kimberley Kitching	Commissioned Reports and Reviews	1. For each of the periods 1 July 2019-31 December 2019; 1 January 2020-30 June 2020 and 1 July 2020-30 September 2020, how many Reports or Reviews have been commissioned. Please provide details of each report including: ¶a. Date commissioned.¶b. Date report handed to Government.¶c. Date of public release.¶d. Terms of Reference.¶e. Committee members and/or Reviewers. ¶2. How much did each report cost/or is estimated to cost.¶3. The background and credentials of the Review personnel.¶4. The remuneration arrangements applicable to the Review personnel, including fees, disbursements and travel.¶5. The cost of any travel attached to the conduct of the Review. ¶6. How many departmental staff were involved in each report and at what level. 7. What is the current status of each report. When is the Government intending to respond to each report if it has not already done so.	Written	Written

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251	Kitching	Board Appointments	1. Provide an update of portfolio boards, including board title, terms of appointment, tenure of appointment and members. 2. What is the gender ratio on each board and across the portfolio. ¶3. Please detail any board appointments made from 30 June 2020 to date. ¶4. What has been the total value of all Board Director fees and disbursements paid. ¶5. What is the value of all domestic travel by Board Directors. ¶6. What is the value of all international travel by Board Directors.	Written	Written
252	Kimberley Kitching	Stationery	How much has been spent on ministerial stationery requirements in each of the periods 1 July 2019-31 December 2019; 1 January 2020-30 June 2020 and 1 July 2020-30 September 2020.	Written	Written
253	Kimberley Kitching	Departmental staff in Minister's office	1. Can the Department provide an update on the total number of departmental staff seconded to ministerial offices, including: ¶Duration of secondment. ¶APS level ¶2. Can the Department provide an update on the total number of DLOs/CLOs for ministerial offices including APS level.	Written	Written
254	Kimberley Kitching	CDDA Payments	a. 1. How many claims have been received under the Compensation for Detriment caused by Defective Administration scheme (CDDA) by the Department for each of the periods 1 July 2019-31 December 2019; 1 January 2020-30 June 2020 and 1 July 2020-30 September 2020? ¶2. How many claims were: ¶Accepted. ¶Rejected. ¶Under consideration. ¶3. Of the accepted claims, can the Department provide: ¶Details of the claim, subject to relevant privacy considerations ¶The date payment was made ¶The decision maker.	Written	Written

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255	Kimberley Kitching	Recruitment	<p>1. What amount has been expended by the department/agency on external recruitment or executive search services in each of the periods 1 July 2019-31 December 2019; 1 January 2020-30 June 2020 and 1 July 2020-30 September 2020. ¶Which services were utilised. Can an itemised list be provided.</p>	Written	Written
256	Kimberley Kitching	Staffing	<p>1. How many full-time equivalent staff were engaged at each of 30 June 2019, 30 June 2020 and at 10 November 2020. ¶How many of these positions are (a) ongoing and (b) non-ongoing. ¶How many redundancies have occurred in each of the periods 1 July 2019-31 December 2019; 1 January 2020-30 June 2020 and 1 July 2020-30 September 2020. How many were: ¶voluntary ¶involuntary. ¶How many of those redundancies occurred as a result of departmental</p>	Written	

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			restructuring. What is the total cost of those redundancies. ¶What was the total value in dollar terms of all termination payments paid to exiting staff. ¶How much overtime or equivalent has been paid to staff in each of the periods 1 July 2019-31 December 2019; 1 January 2020-30 June 2020 and 1 July 2020-30 September 2020. ¶How many section 37 notices under the Public Service Act 1999 have been offered in each of the periods 1 July 2019-31 December 2019; 1 January 2020-30 June 2020 and 1 July 2020-30 September 2020.		
257	Kimberley Kitching	Comcare	1. For each of the periods 1 July 2019-31 December 2019; 1 January 2020-30 June 2020 and 1 July 2020-30 September 2020, can the Department advise whether it has been the subject of any investigations involving Comcare. If yes, please provide details of the circumstances and the status. ¶Can the Department advise the number of sanctions it has received from Comcare in the each of the periods 1 July 2019-31 December 2019; 1 January 2020-30 June 2020 and 1 July 2020-30 September 2020.	Written	
258	Kimberley Kitching	Fair Work Commission	1. For each of the periods 1 July 2019-31 December 2019; 1 January 2020-30 June 2020 and 1 July 2020-30 September 2020, how many references have been made to the Fair Work Commission within the Department or agency.	Written	
259	Kitching	Fair Work Ombudsman	1. For each of the periods 1 July 2019-31 December 2019; 1 January 2020-30 June 2020 and 1 July 2020-30 September 2020, how many references have been made to the Fair Work Ombudsman within the Department or agency.	Written	
260	Kimberley Kitching	Office of the Merit Protection Commissioner	1. For each of the periods 1 July 2019-31 December 2019; 1 January 2020-30 June 2020 and 1 July 2020-30 September 2020, how many references have been made to the Office of the Merit Protection Commissioner within the Department or agency.	Written	

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261	Kimberley Kitching	Public Interest Disclosures	1. For each of the periods 1 July 2019-31 December 2019; 1 January 2020-30 June 2020 and 1 July 2020-30 September 2020, how many public interest disclosures have been received.	Written	
262	Helen Polley	Operational Concept Defence Precinct UTAS	1. Can the department provide an update regarding the Defence Precinct? Has the first payment from the Defence Budget been provided to the UNiversity of Tasmania (UTAS) on schedule? 2. I understand that the University of Tasmania Australian Maritime College has been developing their Operational Concept for the Precinct which will see the implementation of new, updated or modified capabilities at the Australian Maritime College. Can the Department provide an update regarding the Operational Concept? Has it commenced? Is it on track to be finished by 2024 as expected? Is there anyway that this concept could be finished earlier?	Written	
263	Timothy Ayres	BAE sell back of ASC Shipbuilding	In response to Question on Notice F006 from Estimates in October 2019, Finance advised that BAE is required to sell back ASC Shipbuilding to the Commonwealth on “the completion of the ninth Hunter Class Frigate is expected in the early 2040s.” In response to Question on Notice 460 from an Estimates hearing in November 2019, the Department of Defence provided a nominal Vessel Acceptance Date of Q3 2044 for the ninth Future Frigate. Defence also advised that “Once the Performance Management Baseline is set ASC Shipbuilding is not able to reschedule any of the key milestones as per the Design & Productionisation contract without a Contract Change Proposal”. How will the Performance Management Baseline be set and when do you expect this to occur?	Written	Written

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265	Kimberly Kitching	Media monitoring	1. What is the total cost of media monitoring services, including press clippings, electronic media transcripts etcetera, provided to the each Minister's office for each of the periods 1 July 2019-31 December 2019; 1 January 2020-30 June 2020 and 1 July 2020-30 September 2020. ¶a. Which agency or agencies provided these services. ¶b. Can an itemised list of Austender Contract notice numbers for any media monitoring contracts in each period please be provided ¶c. What is the estimated budget to provide these services for the FY 2020-21. 2. What was the total cost of media monitoring services, including press clippings, electronic media transcripts etcetera, provided to the department/agency for each of the periods 1 July 2019-31 December 2019; 1 January 2020-30 June 2020 and 1 July 2020-30 September 2020. ¶a. Which agency or agencies provided these services.¶b. Can an itemised list of Austender Contract Notice numbers for any media monitoring contracts in each period please be provided ¶c. What is the estimated budget to provide these services for the year FY 2020-21.	Written	
267	Alex Gallacher	Maribyrnong redevelopment	The first of the properties the Government committed to releasing for housing development in 2017 is defence land in Maribyrnong (127.8 hectares), stating that once remediated it would be large enough to develop up to 6,000 new homes. How many new homes are now available on this land? The Government committed to ensure that this development will include an appropriate share of social and affordable housing. What percentage of this development has been allocated for social and affordable housing?	Written	Written
268	Penny Wong	13 March release	Senator WONG: Why did you issue a release on 13 March this year that said \$50 billion? ¶Senator Reynolds: Senator Wong, I've taken that one on notice because I haven't got that in front of me. However, at estimates in November last year, my recollection is that both Mr Sammut and I confirmed the \$50 billion constant and the greater out-turn figure.	Hansard	26 Oct 20 pages 60-61¶

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269	Rex Patrick	MRH-90	Senator PATRICK: Was there any remedy from the company for not meeting the requirement? Have we sought any damages? It sounds like it's an international problem. One would think the company had a responsibility and therefore there would be some recourse for damages from the company. ¶Mr Fairweather: Yes. There were a couple of deed negotiations through the early stages of procurement that made some settlements around a number of those activities and issues that weren't resolved. It's quite a complex issue. I can do more of that on notice. But there was a deed of settlement on all the issues associated with acquisition. Although with the Taipan gun mounts, Australia owns the IP for that gun mount, and other nations are interested in that gun mount. If other nations procure it, we'll get a royalty payment back for that gun mount	Hansard	27 Oct 20 p9
270	Timothy Ayres	Cargo Hook	Vice Adm. Noonan: The cargo hook has been— Senator AYRES: An ongoing problem. ... ¶Senator AYRES: When was that problem identified?¶ Mr Fairweather: I think it was around seven or eight years ago—I'll confirm that date for you	Hansard	10
271	Timothy Ayres	MRH-90	Senator AYRES: When you get us that figure, can you tell us once they are withdrawn from service how much they'll have cost in total? How much for acquisition and sustainment at that point? ¶Mr Fairweather: For MRH? ¶Senator AYRES: Yes. ¶Mr Fairweather: Out to its planned withdrawal date? ¶Senator AYRES: Yes. ¶Mr Fairweather: Obviously forward will be an estimate because there's also the capability assurance program in that. ¶...¶p. 78 ¶Mr Fairweather: ...With the future costs that you asked for on the second question, I don't have those for you today. That's a far more complex issue. They're significant issues to resolve in the future around obsolescence. There are a number of components now coming into their deeper level maintenance that we need to resolve with industry, and there's the capability assurance program. All those are putting considerable pressure on. We've a	Hansard	13, 78

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			lot of work to do with the industry yet on that, but we'll get you an estimate on that. ¶Senator AYRES: Thanks, Mr Fairweather.¶		
272	Sarah Henders on	COVID-19 Mask Production	Senator HENDERSON: First of all, I want to give a big shout-out to Ben and Jordan from the ADF who¶visited my home as part of COVID-19 Assist when I was in quarantine near Geelong. They're doing an excellent¶job. Lieutenant General, can you tell me in more detail the work of the ADF in regional Victoria, including in¶relation to Med-Con in Shepparton?¶ Lt Gen. Frewen: Is this relating to the mask production?¶ Senator HENDERSON: That's right, yes. ¶ Lt Gen. Frewen: Quite early in the COVID crisis, as it developed, that company you referred to, Med-Con, were involved in mask production. They had a production line at the time that faced a couple of challenges both in the number of machines that they had that were operable and in the workforce and the workforce's ability to do constant production. We provided some ADF personnel who went there initially to help as workforce but then got involved in some engineering work as well that was able to bring one of the machines back online. They also did some work with the company about how to manage the workforce. I haven't got the figures on hand at the moment—we can provide them to you—but it resulted in the factory being able to go from two machines to three machines and to go to 24-hour operations, which massively increased the output of mask production from that one company. It was a very successful operation that helped deliver really important supplies at a time of still-emerging crisis	Hansard	52
273	David Fawcett	Test and Evaluation and capability life cycle	Vice Adm. Johnston: Senator Fawcett asked me a number of questions yesterday, both around the testing and evaluation strategy and the capability life cycle. In answer to your question, the test and evaluation policy was last updated and approved on 11 October 2019 by the Head of Force Integration on my behalf. You also asked whether that document is publicly available. It	Hansard	77

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			is available on request to the public. The third question you put to me, which I committed to return to you with, was about the capability life cycle. The current version is version 2.1. It was authorised on 14 October this year. It too is available to the public, and we are working to have it publicly promulgated—that is, available on a website—by the end of this year, as I indicated. ¶ Senator FAWCETT: Thank you. Could I formally request, then, to receive a copy? ¶ Vice Adm. Johnston: Certainly—of the capability life cycle? ¶ Senator FAWCETT: Both.		
274	Kimberley Kitching	Funding for cyber resilience in Defence	On Tuesday 30th June 2020, the Government announced a \$1.35 billion 10-year investment in cyber security. Was any of this funding allocated to the Department of Defence in order to take steps to enhance the cyber resilience of its own networks in the face of the specific threats identified by the Prime Minister in his press conference on 19 June 2020?¶	Written	
275	Kimberley Kitching	'Essential Eight' Mitigations	Is the Department of Defence compliant with the Australian Signals Directorate's 'Essential Eight' mitigations as recommended under the Protective Security Policy Framework?	Written	
276	Kimberley Kitching	Public release of AIC audit	With respect to whether the outcomes of the AIC audit would be released publicly, Mr Moriarty told the Committee: "We'd need to discuss that with our ministers". Mr Moriarty also told the Committee "It hasn't been decided whether the results would be published. I'm sure our ministers will want to comment on the work that is undertaken, but we haven't yet sought agreement from our ministers as to the particular way in which the outcomes of these programs will be provided to the public." Has the Department now consulted with its Ministers about the public release of the results of the AIC audit? If so, on what date did that occur and what was agreed? Will there be public disclosure of the results of AIC audit?	Written	

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