



SENATOR THE HON LINDA REYNOLDS CSC
MINISTER FOR DEFENCE
SENATOR FOR WESTERN AUSTRALIA

MB20-000199

21 FEB 2020

Senator the Hon Eric Abetz
Chair
Foreign Affairs, Defence and Trade Committee Legislation Committee
Parliament House
Canberra ACT 2600

Eric
Dear Chair

Please find enclosed the latest shipbuilding enterprise workforce numbers generated by the Department of Defence. I forward these numbers to assist the Committee develop a common baseline of the workforce required to deliver the 2017 Naval Shipbuilding Plan, which includes acquisition and in-service sustainment.

I note a broad range of shipbuilding workforce numbers are in the public domain that vary markedly depending on the assumptions underpinning them, and the timings in the capability life cycle when they were developed. There are also many independent workforce projections developed by interested parties, the veracity of which is uncertain as the modelling assumptions that underpin them in most cases is not clear.

The workforce numbers enclosed relate to direct jobs, both 'above the line' - the Commonwealth workforce managing the contracts (which includes Defence Public Servants, uniformed Defence officers and contractors); and 'below the line' - the industry workforce required to physically deliver the enterprise outcomes based on data from the prime contractors involved. Both acquisition and sustainment workforces are listed, split into regions and based on today's actual workforce and projections for the workforce in 2025 and 2030.

The below the line industry workforce numbers are inherently conservative as they do not, at present, include tier 1 and below sub-contractor workforce numbers nor the workforce numbers supporting the enterprise in the supply-chain.

It is important to note that Defence does not own or influence the below the line workforce. This is the domain of our enterprise industry partners. The Naval Shipbuilding College (set up and funded by the Government) is working with our enterprise industry partners to build a more granular picture of the total below the line industry workforce requirement, to better signal demand into the supporting training and education sector. This remains a work-in-progress that will continue to be updated biannually.

Yours sincerely

~~Linda Reynolds~~
Encl

Workforce estimate for the National Naval Shipbuilding enterprise

Attachment A to MB20-000199

Direct jobs, Defence and Prime Contractor, not including Tier 1 and below sub-contractors or supply chain jobs

Acquisition	Location	Now						2025						2030					
		SA	WA	NSW/ACT/Overseas	Qld/NT	Vic/Tas	Total	SA	WA	NSW/ACT/Overseas	Qld/NT	Vic/Tas	Total	SA	WA	NSW/ACT/Overseas	Qld/NT	Vic/Tas	Total
Attack Class Submarine	Defence	156		83			239	260		80			340	260		80			340
	Industry	322					322	1340					1340	2270					2270
	Total	478	0	83	0	0	561	1600	0	80	0	0	1680	2530	0	80	0	0	2610
Hunter Class Frigate	Defence			160			160	190		110			300	260		90			350
	Industry	353		40		79	472	1510			130		1640	2460			100		2560
	Total	353	0	200	0	79	632	1700	0	110	0	130	1940	2720	0	90	0	100	2910
Arafura Class Offshore Patrol Vessel	Defence	73		50			123		50	70			120		50	70			120
	Industry	227	145				372		210				210		210				210
	Total	300	145	50	0	0	495	0	260	70	0	0	330	0	260	70	0	0	330
Guardian Class Pacific Patrol Boat	Defence			11			11						0						0
	Industry		219				219						0						0
	Total	0	219	11	0	0	230	0	0	0	0	0	0	0	0	0	0	0	0
Hobart Class Destroyer	Defence	9					9						0						0
	Industry	362					362						0						0
	Total	371	0	0	0	0	371	0	0	0	0	0	0	0	0	0	0	0	0
Supply Class Maritime Operational Support	Defence			29			29						0						0
	Industry	60					60						0						0
	Total	60	0	29	0	0	89	0	0	0	0	0	0	0	0	0	0	0	0
Emerging Projects	Defence	7		92	0	0	99	30	0	200	0	0	230	110	0	100	0	0	210
	Total	7	0	92	0	0	99	30	0	200	0	0	230	110	0	100	0	0	210
Total Acquisition	Defence	245	0	425	0	0	670	480	50	460	0	0	990	630	50	340	0	0	1020
	Industry	1324	364	40	0	79	1807	2850	210	0	0	130	3190	4730	210	0	0	100	5040
	Total	1570	364	465	0	79	2477	3330	260	460	0	130	4180	5360	260	340	0	100	6060

NB: Figures may not add due to rounding

Sustainment	Location	Now						2025						2030					
		SA	WA	NSW/ACT	Qld/NT	Vic/Tas	Total	SA	WA	NSW/ACT	Qld/NT	Vic/Tas	Total	SA	WA	NSW/ACT	Qld/NT	Vic/Tas	Total
Collins Class Submarine	Defence	51	51	1			103	80	70	2			152	80	70	2			152
	Industry	919	611	36	1		1567	920	610	40	1		1571	920	610	40	1		1571
	Total	970	662	37	1	0	1670	1000	680	42	1	0	1723	1000	680	42	1	0	1723
Anzac Class Frigate	Defence		64	2			66		70	2			72		70	2			72
	Industry		146	8			154		150	10			160		150	10			160
	Total	0	210	10	0	0	220	0	220	12	0	0	232	0	220	12	0	0	232
Hobart Class Destroyer	Defence			44			44			45			45			45			45
	Industry			150			150			190			190			190			190
	Total	0	0	194	0	0	194	0	0	235	0	0	235	0	0	235	0	0	235
Armidale and Cape Class Patrol Boats	Defence				44		44				40		40				40		40
	Industry				126		126				130		130				130		130
	Total	0	0	0	170	0	170	0	0	0	170	0	170	0	0	0	170	0	170
Hydrographic Ships	Defence				62		62				60		60				60		60
	Industry				62		62				60		60				60		60
	Total	0	0	0	124	0	124	0	0	0	120	0	120	0	0	0	120	0	120
Canberra Class Landing Helicopter Dock	Defence		2	43			45		2	50			52		2	40			42
	Industry			245			245			240			240			240			240
	Total	0	2	288	0	0	290	0	2	290	0	0	292	0	2	280	0	0	282
Huon Class Mine Hunters	Defence			68			68			70			70			70			70
	Industry		7	139			146		10	140			150		10	140			150
	Total	0	7	207	0	0	214	0	10	210	0	0	220	0	10	210	0	0	220
Pacific and Guardian Class Patrol Boats	Defence			10	2		12			10	2		12			10	2		12
	Industry				13		13				10		10				10		10
	Total	0	0	10	15	0	25	0	0	10	12	0	22	0	0	10	12	0	22
Arafura Class Offshore Patrol Vessel	Defence		1	17			18		40				40		40				40
	Industry		34				34		50				50		50				50
	Total	0	35	17	0	0	52	0	90	0	0	0	90	0	90	0	0	0	90
Success/Sirius/Supply Class Replenishment Ship	Defence		10	9			19		5	25			30		5	25			30
	Industry						0		10	40			50		10	40			50
	Total	0	10	9	0	0	19	0	15	65	0	0	80	0	15	65	0	0	80
Maritime Support Branch - Cross Class Enabling Support	Defence		9	183			192		10	210	2		222		10	220	2		232
	Industry	10	30	197	25	12	274	20	40	300	60	10	430	20	40	300	60	10	430
	Total	10	39	380	25	12	466	20	50	510	62	10	652	20	50	520	62	10	662
Total Sustainment	Defence	51	137	377	108	0	673	80	195	415	100	0	790	80	195	415	100	0	790
	Industry	929	828	775	227	12	2771	940	880	960	260	10	3050	940	880	960	260	10	3050
	Total	980	965	1152	335	12	3444	1020	1075	1375	360	10	3840	1020	1075	1375	360	10	3840
Total Workforce	Defence	296	137	802	108	0	1343	560	245	875	100	0	1780	710	245	755	100	0	1810
	Industry	2253	1192	815	227	91	4578	3790	1090	960	260	140	6240	5670	1090	960	260	110	8090
	Total	2550	1329	1617	335	91	5922	4350	1335	1835	360	140	8020	6380	1335	1715	360	110	9900

NB: Figures may not add due to rounding