

Tamala Park Regional Council





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Template 2.8.1

Contents

1. Introduction	1
1.1 Project background	1
1.2 Project status	1
1.3 Reason for this report	1
2. Project Amendments	2
2.1 Variation 1	2
2.2 Supplementary variation request (decision not determined)	2
2.3 Variation 2	2
2.4 Variation 3	2
2.5 Variation 4	3
2.6 Variation 5	3
2.7 Variation 6	3
2.8 Updates: Clearing and Revegetation Management Plan	3
3. Compliance Reporting	5
4. Conclusion	
5. References	
List of Figures	
Figure 1: Attachment B - Approved variation to EPBC Approval Mapping	13
Figure 2: Attachment A - Approved variation to EPBC approval mapping	
Figure 3: Catalina management tracks to be formalised as per final approved variation	
Figure 4: Attachment D - Native vegetation areas subject to condition 5 and 6 (shown in red)	16
List of Tables	
Table 1: Approval conditions (EPBC 2010/5785) compliance table	5
List of Appendices	

Appendix A – Catalina Staging Plan

Abbreviations

Abbreviation	Description
ВСА	Biodiversity Conservation Area
DEC	Department of Environment and Conservation
DotEE	Department of the Environment and Energy
CAMP	Conservation Area Management Plan
CRMP	Clearing Revegetation Management Plan
ELA	Eco Logical Australia
EPBC Act	Environment Protection and Biodiversity Conservation Act 1999
ha	Hectares
km	Kilometres
POS	Public Open Space
TPRC	Tamala Park Regional Council

1. Introduction

1.1 Project background

The residential development of Catalina (Lot 9504, 1700 Marmion Avenue, Clarkson) is situated 34 km north of Perth. The development involves the construction of residential housing, commercial and mixed-use precincts, school site and dedicated areas for Conservation and Public Open Space (POS).

Vegetation clearing is required as part of the development for the residential area. The site holds habitat for the listed Threatened Species; Carnaby's Black-Cockatoo (*Calyptorhynchus latirostris*). Implementation of the *Mitigation and Offsets Management Plan* (ELA 2010) is required to address the impacts of the vegetation clearing. The plan incorporates conservation/retention and rehabilitation of land that is known as Carnaby's Black-Cockatoo habitat both on and adjacent to the site. Mitigation measures also include monetary contribution to the then Western Australia Department of Environment and Conservation (DEC) for the purpose of offsetting (land acquisition) for conservation purposes.

The 180 ha parcel of land to be developed is crossed by Connolly Drive and Marmion Avenue in a north-south direction that subsequently divides the development site into three *Cells*: the western, central, and eastern cell.

Eco Logical Australia has prepared this Compliance Report for the Commonwealth Department of the Environment and Energy (DotEE) on behalf of Tamala Park Regional Council (TPRC) to assess compliance with the conditions set out in Catalina residential development *Environment Protection and Biodiversity Conservation Act 1999* (EPBC Act) approval (the Approval; EPBC 2010/5785) signed 10 August 2011.

1.2 Project status

Works have been completed over Stage 27A in the western cell (Catalina Beach). Clearing has been undertaken across the western and eastern cells with Stages 36 and 37 (Catalina Green) and Stages 27B, 30 and the Beach Access Road (Catalina Beach). The most recent on-ground works are associated with the western cell at Stages 27B and 30 and the eastern cell at Stage 36, Connolly Roundabout, the Beach Access Road and Extension of Portofino Promenade. These works relate to bulk earthworks, lot preparation, infrastructure provision such as roads, utilities, and POS landscaping. Plans included at **Appendix A** illustrate the development staging of Catalina Estate.

1.3 Reason for this report

This report has been prepared in compliance with condition 7 of the Catalina EPBC Approval which states:

Within three months of every 12 month anniversary of the commencement of the action, the person taking the action must publish a report on their website addressing compliance with each of the conditions of this approval, including implementation of any management plans as specified in the conditions. Documentary evidence providing proof of the date of publication and non-compliance with any of the conditions of this approval must be provided to the Department at the same time as the compliance report is published.

2. Project Amendments

Since the project Approval on the 10 August 2011 there have been six minor project variation applications to Approval sought through section 143 of the EPBC Act.

2.1 Variation 1

Minor variation to the Approval was lodged in September 2011 to amend the Biodiversity Conservation Areas (BCAs) boundaries to allow for a realignment of the entry road to the east of Marmion Avenue. The realignment was required due to engineering and planning constraints. The realignment altered the footprint of the BCAs (areas '2' and '3') however there was no net loss of habitat of the Carnaby's Black-Cockatoo. There was a resulting increase of 1.15 ha of land to BCA (2) and a decrease of 1.15 ha of land to BCA (3). The variation was approved as per **Figure 1** (attached).

2.2 Supplementary variation request (decision not determined)

A supplementary variation to the Approval was lodged in January 2012. The variation aimed to redefine the boundary of the western cell which included Carnaby's Black-Cockatoo's habitat. As the south-east corner of the western cell contains cleared land that is not habitat for the Carnaby's Black-Cockatoo, Tamala Park Regional Council proposed to exclude this land from the boundary constrained by Condition 5 and 6 of the Approval. The land was then to be used as the location of a site office, given that at the time there was no other practical location. Tamala Park Regional Council liaised with DotEE and consequently prepared a request to amend the approval under s143 of the Act.

However, no formal/final determination was issued for the variation request and accordingly an alternative location for the site office was ultimately secured.

2.3 Variation 2

A second variation to the Approval was lodged in August 2013. The variation sought to enable the clearing of three small, isolated patches of POS containing Carnaby's Black-Cockatoo habitat within the eastern cell of the development. This impact was compensated by an increase in the area of POS containing Carnaby's Black-Cockatoo habitat that had been previously identified for retention and protection in the south of the eastern cell. The increase in habitat represented slightly more than a 1:1 exchange with regard to the 1.08 ha that was removed, ensuring a no net loss outcome. Moreover, the enhanced area of POS also delivered greater condition habitat and increased direct connectivity corridors with the Neerabup National Park, which is immediately adjacent to the development. The variation also sought to remove conditions that specifically related to the de-listed Graceful Sun Moth.

This variation was approved in October 2013 and required that condition 3 be amended to reflect the approved variation and associated conditions.

2.4 Variation 3

A third variation to the Approval was lodged in October 2014. The variation sought changes to condition 3 of the approval to enable the clearance of a small 'to be retained' area of Carnaby's Black-Cockatoo habitat (0.03 ha) remaining in the Western Cell. This small area of habitat should have been addressed in 'Variation 3'. The small patch of habitat is isolated, presents a very small patch size

(0.03 ha) and is accordingly subject to considerable edge effects, being in essence surrounded on all sides by future urban pressures. This component of the variation was approved 1 February 2015 with the final clearance and retention areas now conditions as per **Figure 2**.

2.5 Variation 4

The fourth variation lodged in February 2015 sought to enable management activities to be undertaken within the Biodiversity Conservation Areas (BCAs) associated with the re-establishment of access pathways. This variation was approved 20 May 2015 as depicted in **Figure 3**.

2.6 Variation 5

A fifth variation request was lodged in November 2017. This variation sought to clear a partially degraded area containing habitat for Carnaby's Black-Cockatoo identified for retention as POS and replacing it with a larger area of better quality Carnaby's Black-Cockatoo habitat. This variation was approved on 1 December 2017.

2.7 Variation 6

A sixth variation request was lodged in July 2018. This variation sought to alter the number of plants constituting foraging habitat for Carnaby's Black-Cockatoo required to be planted in street-scaping and other public areas within the estate as a result of landscaping constraints and providing an improved safety outcome for Carnaby's Black-Cockatoo. This variation was approved on 5 October 2018.

2.8 Updates: Clearing and Revegetation Management Plan

Version 2 of the Clearing and Revegetation Management Plan (CRMP) was resubmitted for approval due to the update in variations three and four sought through section 143 of the EPBC Act. The CRMP purpose, scope and outcomes did not change. The changes relate to the approved section 143 variations and the de-listing of the Graceful Sun Moth. All changes were reviewed through the section 143 process as outlined above, and therefore the edits have only been undertaken to ensure consistency between the current varied/approved conditions and the CRMP. Version 2 of the CRMP was approved by DotEE on 16 November 2015.

Version 3 of the CRMP was resubmitted for approval in accordance with condition (8) of the EPBC Act approval due to the update in variation 5 sought through section 143 of the EPBC Act. Similar to version 2 of the CRMP, the purpose, scope and outcomes of the plan did not change. On 18 January 2018, DotEE determined that the amendments to the revised plan are not likely to constitute a 'new or increased impact' on any EPBC Act matter protected by the controlling provisions for the action. On this basis, officers of the Department chose not to submit the revised plan to the Minister for decision.

Version 4 of the CRMP was also resubmitted for approval in accordance with condition (8) of the EPBC Act approval due to updates required in response to the most recent Variation 6. The CRMP was updated to reflect Variation 6, Condition 3(f), approved on 5 October 2018. In practice, this resulted in the inclusion of the updated Condition 3(f) and updating "Section 5.5. Landscape and Streetscape Plantings". Section 5.5 was also updated to include the addition of new species that were deemed suitable for planting within Catalina Estate. Under Condition 8 of the approval, the revised plan does

not need to be submitted for approval under Section 143A as the revised plan is not likely to have new or increased impact. The CRMP was resubmitted to DotEE on 20 December 2018.

3. Compliance Reporting

Table 1: Approval conditions (EPBC 2010/5785) compliance table

Condit		Condition	Compliance Y/N	Date due	Details
1		Within 30 days after the commencement of the action, the person taking the action must advise the Department in writing of the actual date of commencement.	Υ	30 days following commencement	DotEE (then SEWPaC) were advised by letter from the TPRC dated 15 September 2011.
2		The person taking the action must maintain accurate records substantiating all activities associated with or relevant to the conditions of approval, including measures taken to implement the management plan required by this approval, and must make them available upon request to the Department . Such records may be subject to audit by the Department or an independent auditor in accordance with section 458 of the EPBC Actor used to verify compliance with the conditions of approval. Summaries of audits will be posted on the Department's website. The results of audits may also be publicised through the general media.	Υ	Ongoing	Ongoing records kept as per standard site record keeping.
3	To pr	otect habitat for listed threatened species, the person taking the actio	n must ensure t	hat:	
	3a	no more than 72.5 ha of foraging habitat and 11 ha of potential breeding habitat for Carnaby's Black-Cockatoo (<i>Calyptorhynchus latirostris</i>) is cleared ;	Υ	Life of project	As part of the Civil works and in accordance with approvals, clearing this year has been undertaken for Catalina Green Stages 36 and 37 and for Catalina Beach Stages 27B, 30 and the Beach Access Road.
	3b	no clearing of native vegetation is undertaken in the areas marked with the numbers '2' and '3' in Attachment A (Figure 2), except for maintenance of necessary management or formalisation of passive use pathways within the Northern and Southern Biodiversity Conservation Areas (BCAs). These areas are to be maintained as natural bushland as per the Northern and Southern Conservation Area Management Plans (CAMPs);	Υ	Life of project	Fencing for northern BCA area undertaken and maintained by the maintenance contractor onsite. CAMPs ongoing for both areas.

Condition number	Condition	Compliance Y/N	Date due	Details
3c	all previously cleared or disturbed land in areas marked with the numbers '2' and '3' in Attachment A (Figure 2), and at least 50% of the previously cleared land in the area marked with number '1' in Attachment A (Figure 2) are revegetated ;	Υ	Prior to project completion	The Clearing and Revegetation Management Plan was approved February 2013. Revegetation works in both the Northern BCA and Southern BCA are complete. Weed control was commissioned by TPRC, with revegetation works undertaken in Winter 2021. Regarding Area 1 in Figure 2, Attachment A, it is unlikely that this portion of the site will be developed in the near future due to the occurrence of a buffer associated with the neighbouring landfill site located directly to the south. The proposed retention and revegetation Area 1 is fenced and is currently inaccessible to the public.
3d	no clearing of native vegetation that is potential foraging or breeding habitat for Carnaby's Black-Cockatoo is undertaken within the areas marked in dark blue in Attachment B (Figure 1); except for maintenance or formalisation of necessary management or passive use pathways within the Northern and Southern Biodiversity Conservation Areas (BCAs). These areas are to be maintained as natural bushland per the Northern and Southern CAMPs;	Υ	Ongoing	All works on site undertaken according to approval. The retention Area 1 discussed above, and the larger retention area located in the south eastern corner are currently located in areas of the site that have not yet been developed. Fencing is in place to restrict unauthorised access until such time that the development progresses to both portions of the site.
3e	within 2 years of the commencement of the action, the areas marked with the numbers '2' and '3' in Attachment A (Figure 2) must be protected in perpetuity under an irrevocable conservation covenant: and:	Υ	September 2013	Area 2 was vested as a Reserve for Conservation on 15 September 2014. Area 3 has been fenced with revegetation works undertaken in Winter 2021 (now completed). Formalising of tracks and revegetation is being undertaken. Following completion of these works, Area 3 will be vested as a Reserve for Conservation. Handover is anticipated for 2022.
3f	plantings of trees and shrubs in street-scaping and other public areas (excluding the areas described in condition 3.c) include a minimum of 1,600 trees (including <i>Xanthorrhoea preissi</i>) and 20,000 shrubs that are primary feeding plants for Carnaby's Black-Cockatoo.	Υ	Ongoing	Landscaping of public areas and street-scapes are being planted to comply with this condition. Final numbers of species will be reconciled when the development nears completion.

Condition number	Condition	Compliance Y/N	Date due	Details
4 To of	fset the loss of habitat for Carnaby's Black-Cockatoo, the person taking	the action must:		
4a	within 6 months after the commencement of the action, provide funds to the DEC for the acquisition of the offset as described on pages 6 - 8 of the Eco Logical Australia report Catalina Residential Development Assessment Documentation — Further Information dated March 2011, and the offset as described on page 3 of a letter by Tamala Park Regional Council dated 23 June 2011; or	Y	March 2012	Process completed/approved with final transfer of funds, June 2013.
4b	if the abovementioned offsets cannot be acquired, the person taking the action must provide details of an alternative offset package to the Department . Any alternative offset package must include one or more land parcels that contain a total of at least 420 ha of Carnaby's Black-Cockatoo foraging habitat and 66 ha of Carnaby's Black-Cockatoo potential breeding habitat . If the Department considers that an alternative offset package does not provide sufficient Carnaby's Black-Cockatoo habitat to compensate for the impacts of the action, then the person taking the action must provide details of further alternative offset package to the Department . Once the written approval of the Department has been obtained for an alternative offset package, the person taking the action must provide sufficient funds to DEC to acquire the land parcel(s) in the offset package within 6 months of the Department's written approval.	Y	N/A	See 4a above.
5	The person taking the action must prepare and submit a Clearing and Revegetation Management Plan for the Minister's approval to demonstrate how the impact of clearing of habitat for listed threatened species will be minimised. The plan must detail how: on-site revegetation will be undertaken; seed from native vegetation will be collected from the area contained within the red lines marked in Attachment C (Figure 4);	Y	Prior to undertaking any works as per condition 6 below.	The Clearing and Revegetation Management Plan (CRMP) was approved February 2013. Seed collection was undertaken in 2012, 2014, 2018 and most recently in Spring 2020 for the proposed foreshore access road and car park, located outside the landholdings of the TPRC. A revised CRMP, including updates based on s143 variations, was submitted to the DotEE, and subsequently approved on 18 January 2018.

Condition number	Condition	Compliance Y/N	Date due	Details
	 topsoil obtained from the clearing of native vegetation on the proposal site within the red lines marked in Attachment C (Figure 4) will be used for revegetation onsite or stored and made available for the DEC or other conservation agencies for the purpose of revegetation elsewhere; and the DEC, or other conservation agencies, have been consulted in the development of the plan to determine the optimal time for clearing and provision of seed or soil for revegetation. If the Minister approves the plan, then the approved plan must be implemented. 			The CRMP was revised again (and provided to DotEE on 20 December 2018; v4) to reflect a s143 variation approved on 5 October 2018 which amended the number of plants constituting foraging habitat for Carnaby's Black-Cockatoo (CBC) required to be planted in street-scaping, and other public areas within the estate, as a result of landscaping constraints and an aim to provide an improved safety outcome for Carnaby's Black-Cockatoo regarding vehicle strike. Additional seed collection will be undertaken for the proposed foreshore access road and car park Spring/Summer 2021.
6	The person taking the action must not undertake any clearing in the area within the red lines marked in Attachment C (Figure 4) unless: • the Clearing and Revegetation Management Plan described in condition 5 has been approved by the Minister; and • evidence has been provided to the Department confirming that the purchase(s) of the land parcels required for offsets under condition 4a or condition 4b has been completed.	Y	Ongoing	Plan approved (See 5 above). Offsets secured (See 4a above). As part of the Civil works, and in accordance with conditions, clearing this year has been undertaken for Catalina Green Stages 36 and 37 and for Catalina Beach Stages 27B, 30 and the Beach Access Road.
7	Within three months of every 12 month anniversary of the commencement of the action, the person taking the action must publish a report on their website addressing compliance with each of the conditions of this approval, including implementation of any management plans as specified in the conditions. Documentary evidence providing proof of the date of publication and noncompliance with any of the conditions of this approval must be provided to the Department at the same time as the compliance report is published.	Y	Ongoing	Subject of this report. Previous report supplied and made available from February 2021 available at: http://www.tamalapark.wa.gov.au/

Condition number	Condition	Compliance Y/N	Date due	Details
Minis 143A revise perso i i For th taking	erson taking the action may choose to revise a Plan approved by the ter under condition 5 without submitting it for approval under section of the EPBC Act, if the taking of the action in accordance with the ed Plan would not be likely to have a new or increased impact. If the n taking the action makes this choice they must: Notify the Department in writing that the approved Plan has been revised and provide the Department with an electronic copy of the revised Plan. Implement the revised Plan from the date that the Plan is submitted to the Department. The life of this approval, maintain a record of the reasons the person as the action considers that taking the action in accordance with the ed Plan would not be likely to have a new or increased impact.	Y	Ongoing	A local structure plan amendment for Catalina Grove was approved on 2 July 2020. The amendment involved the strategic relocation of the conservation area to reflect areas for retention and protection under the latest revision of the CRMP (Version 4, 20 December 2018). V4 of the CRMP reflected a s143 variation approved on 5 October 2018 which amended the number of plants constituting foraging habitat for Carnaby's Black-Cockatoo (CBC) required to be planted in street-scaping, and other public areas within the estate, as a result of landscaping constraints and an aim to provide an improved safety outcome for Carnaby's Black-Cockatoo regarding vehicle strike. A letter was subsequently provided to DotEE asserting that the alteration to the CRMP was not deemed to cause a "new or increased impact", as the alteration provided an improved safety outcome for Carnaby's Black Cockatoo and was approved by DotEE. Assessment of the CRMP updates considered the availability of CBC foraging species for proposed revegetation works and potential decrease of CBC mortality due to the change in species to be used for street scaping. The resultant changes were determined to have a positive impact for the CBC. This was considered to be in line with "Guidance on 'new or increased impact' relating to changes to approved management plans under EPBC Act environmental approvals" (DotEE 2017), which states that 'a clear improvement that avoids, mitigates or offsets environmental impacts' is deemed unlikely to have an increased impact.
8a	The person taking the action may revoke their choice under condition 8 at any time by notice to the Department . If the person taking the action revokes the choice to implement a revised Plan, without approval under section 143A of the EPBC Act , the Plan approved by the Minister must be implemented.	Y	Ongoing	Noted

Condition number	Condition	Compliance Y/N	Date due	Details
8b	If the Minister gives a notice to the person taking the action that the Minister is satisfied that the taking of the action in accordance with the revised Plan would be likely to have a new or increased impact, then:			
	a) condition 8 does not apply, or ceases to apply, in relation to the revised Plan; and			
	c) the person taking the action must implement the Plan approved by the Minister.	Υ	Ongoing	Noted
	To avoid any doubt, this condition does not affect any operation of conditions 8 and 8A in the period before the day the notice is given.			
	At the time of giving the notice the Minister may also notify that, for a specified period of time, condition 8 does not apply for one or more specified Plans required under the approval.			
8c	Conditions 8, 8A and 8B are not intended to limit the operation of section 143A of the EPBC Act which allows the person taking the action to submit a revised Plan to the Minister for approval.	Υ	Ongoing	Noted
9	If the Minister believes that it is necessary or convenient for the better protection of listed threatened species to do so, the Minister may request that the person taking the action make specified revisions to the management plan specified in the conditions and submit the revised management plan for the Minister's written approval. The person taking the action must comply with any such request. The revised approved management plan must be implemented. Unless the Minister has approved the revised management plan, then the person taking the action must continue to implement the management plan originally approved, as specified in the conditions.	Y	Ongoing	No Ministerial requests made.
10	Unless otherwise agreed to in writing by the Minister , the person taking the action must publish the management plan referred to in these conditions of approval on their website. The management	Υ	30 days following approval of Condition 5	Plan approved and available on website. The 2018 CRMP as amended is available at: https://www.tamalapark.wa.gov.au/public-documents.aspx).

Condition number	Condition	Compliance Y/N	Date due	Details
	plan must be published on the website within 30 calendar days of being approved.			
11	If, at any time after 5 years from the date of this approval, the person taking the action has not commenced the action, then the person taking the action must not commence the action without the written agreement of the Minister .	Υ	10 August 2016	Project has commenced.

4. Conclusion

Eco Logical Australia, on behalf of Tamala Park Regional Council, has prepared this Compliance Report to fulfil condition 7 of the project Approval (EPBC 2010/5785).

Since the granting of the project Approval there have been seven variation applications made by TPRC, six of which have been approved.

Following the endorsement of the *Clearing and Revegetation Management Plan Version 4* (ELA 2019) and the securing of the offset lands by the DEC, the revegetation and clearing works within the site appear to have progressed in accordance with the plan and conditions have been progressively implemented, consistent with the Commonwealth approval (EPBC 2010/5785). Works to date have been in compliance with version four of the *Clearing and Revegetation Management Plan* (ELA 2019).

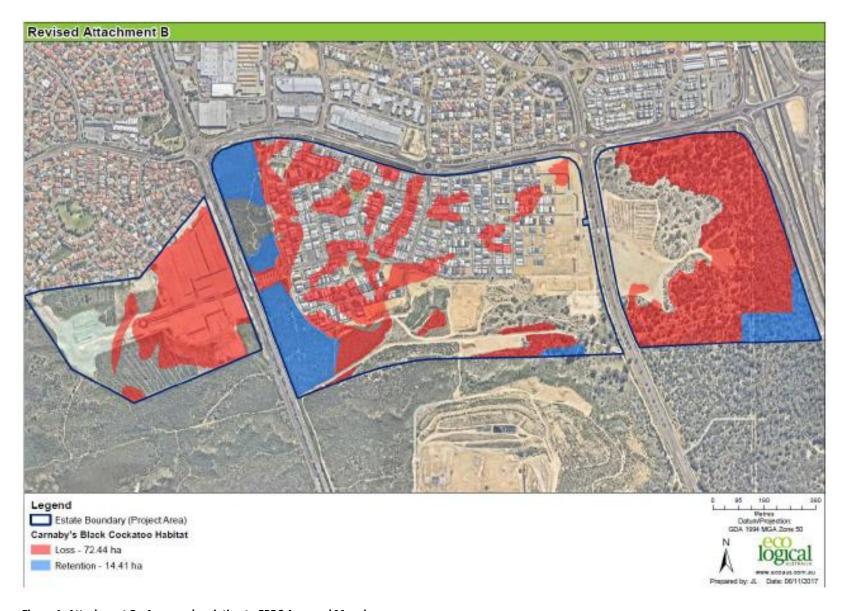


Figure 1: Attachment B - Approved variation to EPBC Approval Mapping



Figure 2: Attachment A - Approved variation to EPBC approval mapping.



Figure 3: Catalina management tracks to be formalised as per final approved variation



Figure 4: Attachment D - Native vegetation areas subject to condition 5 and 6 (shown in red)

5. References

Eco Logical Australia (ELA). 2010. Catalina Residential Development, Mitigation and Offsets Management Plan.

Eco Logical Australia (ELA). 2019. *Clearing and Revegetation Management Plan Version 4, Catalina Residential Development*. Prepared for Tamala Park Regional Council.

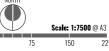
Appendix A – Catalina Staging Plan



CATALINA FYE 2022 OPERATIONS

Catalina Estate. TAMALA PARK

A Tamala Park Regional Council Project



PLAN: TAMCA-1-033 REVISION: A DATE: 09/06/2021 DRAWN: JP PROJECTION: PCG 94 PLANNER: TV Town Planning & Urban Design

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