CLAIMS

1. A method of wireless communication, the method comprising: generating, by a user equipment (UE), an adjusted channel state information (CSI) report, wherein the adjusted CSI report includes a first plurality of CSI feedback components adjusted according to a set of discarded CSI feedback components, wherein the set of discarded CSI feedback components is identified based on a component value of a precoding matrix indicator (PMI) component of a second plurality of CSI feedback components, and wherein the second plurality of CSI feedback components comprises the first plurality of CSI feedback components and the set of discarded CSI feedback components; and transmitting, by the UE, the adjusted CSI report to a serving base station.

2. The method of claim 1, wherein the PMI component includes: a beam indication precoding matrix indicator (PMI_b); a wideband amplitude precoding matrix indicator ($PMI_{p,wb}$); or a combination thereof.

3. The method of claim 2, further comprising: identifying, by the UE, the set of discarded CSI feedback components of the second plurality of CSI feedback components based on the component value of the PMI component of the second plurality of CSI feedback components, wherein the identifying the set of discarded CSI feedback components includes one of: identifying as the set of discarded CSI feedback components the $PMI_{p,wb}$, a subband amplitude PMI ($PMI_{p,sb}$), and a phase PMI (PMI_c) for each polarization and each layer of each beam of a plurality of available beams greater than an identified beam corresponding to the component value of the PMI_b; or identifying as the set of discarded CSI feedback components a dominant beam indication PMI (PMI_d), the $PMI_{p,wb}$, the $PMI_{p,sb}$, and the PMI_c for each of the plurality of available beams.

4. The method of claim 2, further comprising: identifying, by the UE, the set of discarded CSI feedback components of the second plurality of CSI feedback components based on the component value of the PMI component of the second plurality of CSI feedback components, wherein the identifying the set of discarded CSI feedback components includes: identifying as the set of discarded CSI feedback components a subband amplitude PMI ($PMI_{p,sb}$), and a phase PMI (PMI_c) for each polarization and each layer of an identified beam corresponding to the component value of the $PMI_{p,wb}$.

5. The method of claim 2, further including: selecting, by the UE, the PMI component as one of: the PMI_b, or the $PMI_{p,wb}$, wherein the selecting is determined according to one of: a predetermined configuration; a trigger signal to enable the selected PMI component; or a modification signal to disable a current PMI component and to enable the selected PMI component.

6. The method of claim 2, wherein the generating the adjusted CSI report includes: generating a set of adjusted CSI components, wherein the set of adjusted CSI components includes one of: the second plurality of CSI feedback components without the set of discarded CSI feedback components; or the second plurality of CSI feedback components in which the set of discarded CSI feedback components are replaced with a fixed component value associated with the set of discarded CSI feedback components.

7. The method of claim 6, wherein the generating the adjusted CSI report further includes: jointly encoding the set of adjusted CSI components into one of: a single packet, two packets, or three packets.

8. The method of claim 7, wherein the set of adjusted CSI components are generated without the set of discarded CSI feedback components when the set of adjusted CSI components are determined based on decoding one or more of the second plurality of CSI feedback components, and wherein the set of adjusted CSI components include the fixed component value when the set of adjusted CSI components are not determined based on the decoding.

9. The method of claim 7, wherein the set of adjusted CSI components include the fixed component value when the set of CSI components are jointly encoded into the single packet.

10. The method of claim 7, wherein the set of CSI components are jointly encoded into the two packets with a rank indicator and the PMI_b jointly encoded into a first packet and a dominant beam PMI (PMI_d), the $PMI_{p,wb}$, an amplitude subband PMI ($PMI_{p,sb}$), a phase PMI (PMI_c) jointly encoded in a second packet, and wherein one of: the set of adjusted CSI components include the fixed component value when the PMI component corresponds to the $PMI_{p,wb}$; or the set of adjusted CSI components are generated without the set of discarded CSI feedback components when the PMI component corresponds to the PMI_b.

11. The method of claim 7, wherein the set of CSI components are jointly encoded into the two packets with a rank indicator, the PMI_b, a dominant beam PMI (PMI_d), and the $PMI_{p,wb}$, jointly encoded into a first packet and an amplitude subband PMI ($PMI_{p,sb}$), and a phase PMI (PMI_c) jointly encoded in a second packet, and wherein the rank indicator, the PMI_b, the PMI_d, and the $PMI_{p,wb}$, are jointly encoded in the first packet without the set of discarded CSI feedback components when the PMI component corresponds to the PMI_b and the $PMI_{p,sb}$ and the PMI_c are jointly encoded in the second packet without the set of discarded CSI feedback components when the PMI component corresponds to one of: the $PMI_{p,wb}$ or the PMI_b.

12. The method of claim 7, wherein the set of CSI components are jointly encoded into the three packets with a rank indicator and the PMI_b jointly encoded into a first packet, a dominant beam PMI (PMI_d) and the $PMI_{p,wb}$ jointly encoded into a second packet, and an amplitude subband PMI ($PMI_{p,sb}$) and a phase PMI (PMI_c) jointly encoded in a third packet, and wherein the PMI_d and the $PMI_{p,wb}$ are jointly encoded in the second packet without the set of discarded CSI feedback components and the $PMI_{p,sb}$ and the PMI_c are jointly encoded in the third packet without the set of discarded CSI feedback components when the PMI component corresponds to one of: the $PMI_{p,wb}$ or the PMI_b.

13. The method of claim 7, wherein the set of CSI components are jointly encoded into the three packets with a rank indicator encoded into a first packet, the PMI_b, a dominant beam PMI (PMI_d), and the $PMI_{p,wb}$ jointly encoded into a second packet, and an amplitude subband PMI ($PMI_{p,sb}$) and a phase PMI (PMI_c) jointly encoded in a third packet, and wherein, when the PMI component corresponds to one of: the $PMI_{p,wb}$ or the PMI_b, the rank indicator is encoded in the first packet and the PMI_b, the PMI_d, and the $PMI_{p,wb}$ are jointly encoded in the second packet are replaced with a fixed component value, and the $PMI_{p,sb}$ and the PMI_c are jointly encoded in the third packet without the set of discarded CSI feedback components.

14. The method of claim 7, wherein the set of adjusted CSI components includes a CSI reference signal (CSI-RS) resource indicator (CRI), and wherein the CRI is jointly encoded in a first packet of the one of: the single packet, the two packets, or the three packets.

15. The method of claim 7, wherein the set of adjusted CSI components includes a channel quality indicator (CQI), and wherein the CQI is jointly encoded into one of a first packet or a last packet of the one of: the single packet, the two packets, or the three packets.

16. The method of claim 1, wherein the second plurality of CSI feedback components includes: rank indicator; a beam indication precoding matrix indicator (PMI_b); a dominant beam indication PMI (PMI_d); a wideband amplitude precoding matrix indicator ($PMI_{p,wb}$); a subband amplitude PMI ($PMI_{p,sb}$); a phase PMI (PMI_c) for each polarization; a channel quality indicator (CQI); or a combination thereof.

17. The method of claim 1, further comprising generating, by the UE, the second plurality of CSI feedback components.

18. The method of claim 1, further comprising identifying, by the UE, the set of discarded CSI feedback components of the second plurality of CSI feedback components based on the component value of the PMI component of the second plurality of CSI feedback components.

19. The method of claim 1, wherein generating the adjusted CSI report includes: generating, by the UE, a CSI feedback report, wherein the CSI feedback report includes the second plurality of CSI feedback components; and removing, by the UE, the set of discarded CSI feedback components from the CSI feedback report to generate the adjusted CSI report comprising the first plurality of CSI components.

20. The method of claim 1, further comprising prior to generating the adjusted CSI report, generating, by the UE, a CSI feedback report, wherein the CSI feedback report includes the second plurality of CSI feedback components.

21. The method of claim 20, further comprising measuring, by the UE, a channel environment proximate to the UE to determine the second plurality of CSI feedback components.

22. An apparatus configured for wireless communication, the apparatus comprising: means for generating, by a user equipment (UE), an adjusted channel state information (CSI) report, wherein the adjusted CSI report includes a first plurality of CSI feedback components adjusted according to a set of discarded CSI feedback components, wherein the set of discarded CSI feedback components is identified based on a component value of a precoding matrix indicator (PMI) component of a second plurality of CSI feedback components, and wherein the second plurality of CSI feedback components comprises the first plurality of CSI feedback components and the set of discarded CSI feedback components; and means for transmitting, by the UE, the adjusted CSI report to a serving base station.

23. The apparatus of claim 22, wherein the PMI component includes : a beam indication precoding matrix indicator (PMI_b); a wideband amplitude precoding matrix indicator ($PMI_{p,wb}$); or a combination thereof.

24. The apparatus of claim 23, further comprising: means for identifying, by the UE, the set of discarded CSI feedback components of the second plurality of CSI feedback components based on the component value of the PMI component of the second plurality of CSI feedback components, wherein the means for identifying the set of discarded CSI feedback components includes: means for identifying as the set of discarded CSI feedback components

a subband amplitude PMI ($PMI_{p,sb}$), and a phase PMI (PMI_c) for each polarization and each layer of an identified beam corresponding to the component value of the $PMI_{p,wb}$.

25. The apparatus of claim 23, further including: means for selecting, by the UE, the PMI component as one of: the PMI_b, or the $PMI_{p,wb}$, wherein the means for selecting is determined according to one of: a predetermined configuration; a trigger signal to enable the selected PMI component; or a modification signal to disable a current PMI component and to enable the selected PMI component.

26. The apparatus of claim 23, wherein the means for generating the adjusted CSI report includes: means for generating a set of adjusted CSI components, wherein the set of adjusted CSI components includes one of: the second plurality of CSI feedback components without the set of discarded CSI feedback components; or the second plurality of CSI feedback components in which the set of discarded CSI feedback components are replaced with a fixed component value associated with the set of discarded CSI feedback components.

27. The apparatus of claim 26, wherein the means for generating the adjusted CSI report further includes: means for jointly encoding the set of adjusted CSI components into one of: a single packet, two packets, or three packets.

28. The apparatus of claim 27, wherein the set of adjusted CSI components are generated without the set of discarded CSI feedback components when the set of adjusted CSI components are determined based on decoding one or more of the second plurality of CSI feedback components, and wherein the set of adjusted CSI components include the fixed component value when the set of adjusted CSI components are not determined based on the decoding.

29. The apparatus of claim 27, wherein the set of adjusted CSI components include the fixed component value when the set of CSI components are jointly encoded into the single packet.

30. The apparatus of claim 27, wherein the set of CSI components are jointly encoded into the two packets with a rank indicator and the PMI_b jointly encoded into a first packet and a dominant beam PMI (PMI_d), the $PMI_{p,wb}$, an amplitude subband PMI ($PMI_{p,sb}$), a phase PMI (PMI_c) jointly encoded in a second packet, and wherein one of: the set of adjusted CSI components include the fixed component value when the PMI component corresponds to the $PMI_{p,wb}$; or the set of adjusted CSI components are generated without the set of discarded CSI feedback components when the PMI component corresponds to the PMI_b.

31. The apparatus of claim 27, wherein the set of CSI components are jointly encoded into the two packets with a rank indicator, the PMI_b, a dominant beam PMI (PMI_d), and the $PMI_{p,wb}$ jointly encoded into a first packet and an amplitude subband PMI ($PMI_{p,sb}$), and a phase PMI (PMI_c) jointly encoded in a second packet, and wherein the rank indicator, the PMI_b, the PMI_d, and the $PMI_{p,wb}$ are jointly encoded in the first packet without the set of discarded CSI feedback components when the PMI component corresponds to the PMI_b and the $PMI_{p,sb}$ and the PMI_c are jointly encoded in the second packet without the set of discarded CSI feedback components when the PMI component corresponds to one of: the $PMI_{p,wb}$ or the PMI_b.

32. The apparatus of claim 27, wherein the set of CSI components are jointly encoded into the three packets with a rank indicator and the PMI_b jointly encoded into a first packet, a

dominant beam PMI (PMI_d) and the $PMI_{p,wb}$ jointly encoded into a second packet, and an amplitude subband PMI ($PMI_{p,sb}$) and a phase PMI (PMI_c) jointly encoded in a third packet, and wherein the PMI_d and the $PMI_{p,wb}$ are jointly encoded in the second packet without the set of discarded CSI feedback components and the $PMI_{p,sb}$ and the PMI_c are jointly encoded in the third packet without the set of discarded CSI feedback components when the PMI component corresponds to one of: the $PMI_{p,wb}$ or the PMI_b.

33. The apparatus of claim 27, wherein the set of CSI components are jointly encoded into the three packets with a rank indicator encoded into a first packet, the PMI_b, a dominant beam PMI (PMI_d), and the $PMI_{p,wb}$ jointly encoded into a second packet, and an amplitude subband PMI ($PMI_{p,sb}$) and a phase PMI (PMI_c) jointly encoded in a third packet, and wherein, when the PMI component corresponds to one of: the $PMI_{p,wb}$ or the PMI_b, the rank indicator is encoded in the first packet and the PMI_b, the PMI_d, and the $PMI_{p,wb}$ are jointly encoded in the second packet are replaced with a fixed component value, and the $PMI_{p,sb}$ and the PMI_c are jointly encoded in the third packet without the set of discarded CSI feedback components.

34. The apparatus of claim 27, wherein the set of adjusted CSI components includes a CSI reference signal (CSI-RS) resource indicator (CRI), and wherein the CRI is jointly encoded in a first packet of the one of: the single packet, the two packets, or the three packets.

35. The apparatus of claim 27, wherein the set of adjusted CSI components includes a channel quality indicator (CQI), and wherein the CQI is jointly encoded into one of a first packet or a last packet of the one of: the single packet, the two packets, or the three packets.

36. A non-transitory computer-readable medium having program code recorded thereon, the program code comprising: program code executable by the computer for causing the computer to generate, by a user equipment (UE), an adjusted channel state information (CSI) report, wherein the adjusted CSI report includes a first plurality of CSI feedback components adjusted according to a set of discarded CSI feedback components, wherein the set of discarded CSI feedback components is identified based on a component value of a precoding matrix indicator (PMI) component of a second plurality of CSI feedback components, and wherein the second plurality of CSI feedback components comprises the first plurality of CSI feedback components and the set of discarded CSI feedback components; and program code executable by a computer for causing the computer to transmit, by the UE, the adjusted CSI report to a serving base station.

37. The non-transitory computer-readable medium of claim 36, wherein the PMI component includes one of: a beam indication precoding matrix indicator (PMI_b); a wideband amplitude precoding matrix indicator ($PMI_{p,wb}$); or a combination thereof.

38. The non-transitory computer-readable medium of claim 36, further comprising: program code executable by a computer for causing the computer to identify, by the UE, the set of discarded CSI feedback components of the second plurality of CSI feedback components based on the component value of the PMI component of the second plurality of CSI feedback components, wherein the program code executable by the computer for causing the computer to identify the set of discarded CSI feedback components includes one of: program code executable by the computer for causing the computer to identify as the set of discarded CSI feedback components the $PMI_{p,wb}$, a subband amplitude PMI ($PMI_{p,sb}$), and a phase PMI (PMI_c) for each polarization and each layer of each beam of a plurality of available beams greater than an identified beam corresponding to the component value of the PMI_b; or program code executable by the computer for causing the computer to identify as the set of

discarded CSI feedback components a dominant beam indication PMI (PMI_d), the $PMI_{p,wb}$, the $PMI_{p,sb}$, and the PMI_c for each of the plurality of available beams.

39. The non-transitory computer-readable medium of claim 37, further comprising: program code executable by a computer for causing the computer to identify, by the UE, the set of discarded CSI feedback components of the second plurality of CSI feedback components based on the component value of the PMI component of the second plurality of CSI feedback components, wherein the program code executable by the computer for causing the computer to identify the set of discarded CSI feedback parameters includes: program code executable by the computer for causing the computer to identify as the set of discarded CSI feedback components a subband amplitude PMI ($PMI_{p,sb}$), and a phase PMI (PMI_c) for each polarization and each layer of an identified beam corresponding to the component value of the $PMI_{p,wb}$.

40. The non-transitory computer-readable medium of claim 37, further including: program code executable by the computer for causing the computer to select, by the UE, the PMI component as one of: the PMI_b, or the $PMI_{p,wb}$, wherein the program code executable by the computer for causing the computer to select is determined according to one of: a predetermined configuration; a trigger signal to enable the selected PMI component; or a modification signal to disable a current PMI component and to enable the selected PMI component.

41. The non-transitory computer-readable medium of claim 37, wherein the program code executable by the computer for causing the computer to generate the adjusted CSI report includes: program code executable by the computer for causing the computer to generate a set of adjusted CSI components, wherein the set of adjusted CSI components includes one of: the second plurality of CSI feedback components without the set of discarded CSI feedback components; or the second plurality of CSI feedback components in which the set of discarded CSI feedback components are replaced with a fixed component value associated with the set of discarded CSI feedback components.

42. The non-transitory computer-readable medium of claim 41, wherein the program code executable by the computer for causing the computer to generate the adjusted CSI report further includes: program code executable by the computer for causing the computer to jointly encode the set of adjusted CSI components into one of: a single packet, two packets, or three packets.

43. The non-transitory computer-readable medium of claim 42, wherein the set of adjusted CSI components are generated without the set of discarded CSI feedback components when the set of adjusted CSI components are determined based on decoding one or more of the second plurality of CSI feedback components, and wherein the set of adjusted CSI components include the fixed component value when the set of adjusted CSI components are not determined based on the decoding.

44. The non-transitory computer-readable medium of claim 42, wherein the set of adjusted CSI components include the fixed component value when the set of CSI components are jointly encoded into the single packet.

45. The non-transitory computer-readable medium of claim 42, wherein the set of CSI components are jointly encoded into the two packets with a rank indicator and the PMI_b jointly encoded into a first packet and a dominant beam PMI (PMI_d), the $PMI_{p,wb}$, an

amplitude subband PMI ($PMI_{p,sb}$), a phase PMI (PMI_c) jointly encoded in a second packet, and wherein one of: the set of adjusted CSI components include the fixed component value when the PMI component corresponds to the $PMI_{p,wb}$; or the set of adjusted CSI components are generated without the set of discarded CSI feedback components when the PMI component corresponds to the PMI_b.

46. The non-transitory computer-readable medium of claim 42, wherein the set of CSI components are jointly encoded into the two packets with a rank indicator, the PMI_b, a dominant beam PMI (PMI_d), and the $PMI_{p,wb}$ jointly encoded into a first packet and an amplitude subband PMI ($PMI_{p,sb}$), and a phase PMI (PMI_c) jointly encoded in a second packet, and wherein the rank indicator, the PMI_b, the PMI_d, and the $PMI_{p,wb}$ are jointly encoded in the first packet without the set of discarded CSI feedback components when the PMI component corresponds to the PMI_b and the $PMI_{p,sb}$ and the PMI_c are jointly encoded in the second packet without the set of discarded CSI feedback components when the PMI component corresponds to one of: the $PMI_{p,wb}$ or the PMI_b.

47. The non-transitory computer-readable medium of claim 42, wherein the set of CSI components are jointly encoded into the three packets with a rank indicator and the PMI_b jointly encoded into a first packet, a dominant beam PMI (PMI_d) and the $PMI_{p,wb}$ jointly encoded into a second packet, and an amplitude subband PMI ($PMI_{p,sb}$) and a phase PMI (PMI_c) jointly encoded in a third packet, and wherein the PMI_d and the $PMI_{p,wb}$ are jointly encoded in the second packet without the set of discarded CSI feedback components and the $PMI_{p,sb}$ and the PMI_c are jointly encoded in the third packet without the set of discarded CSI feedback components when the PMI component corresponds to one of: the $PMI_{p,wb}$ or the PMI_b.

48. The non-transitory computer-readable medium of claim 42, wherein the set of CSI components are jointly encoded into the three packets with a rank indicator encoded into a first packet, the PMI_b, a dominant beam PMI (PMI_d), and the $PMI_{p,wb}$ jointly encoded into a second packet, and an amplitude subband PMI ($PMI_{p,sb}$) and a phase PMI (PMI_c) jointly encoded in a third packet, and wherein, when the PMI component corresponds to one of: the $PMI_{p,wb}$ or the PMI_b, the rank indicator is encoded in the first packet and the PMI_b, the PMI_d, and the $PMI_{p,wb}$ are jointly encoded in the second packet are replaced with a fixed component value, and the $PMI_{p,sb}$ and the PMI_c are jointly encoded in the third packet without the set of discarded CSI feedback components.

49. The non-transitory computer-readable medium of claim 42, wherein the set of adjusted CSI components includes a CSI reference signal (CSI-RS) resource indicator (CRI), and wherein the CRI is jointly encoded in a first packet of the one of: the single packet, the two packets, or the three packets.

50. An apparatus configured for wireless communication, the apparatus comprising: at least one processor; and a memory coupled to the at least one processor, wherein the at least one processor is configured: to generate an adjusted channel state information (CSI) report, wherein the adjusted CSI report includes a first plurality of CSI feedback components adjusted according to a set of discarded CSI feedback components, wherein the set of discarded CSI feedback components based is identified based on a component value of a precoding matrix indicator (PMI) component of a second plurality of CSI feedback components, and wherein the second plurality of CSI feedback components comprises the first plurality of CSI feedback components and the set of discarded CSI feedback components; and to transmit the adjusted CSI report to a serving base station.

51. The apparatus of claim 50, wherein the PMI component includes one of: a beam indication precoding matrix indicator (PMI_b); a wideband amplitude precoding matrix indicator ($PMI_{p,wb}$); or a combination thereof.

52. The apparatus of claim 51, wherein the at least one processor is further configured to identify the set of discarded CSI feedback components based on the component value of the PMI component of the second plurality of CSI feedback components, wherein the configuration of the at least one processor to identify the set of discarded CSI feedback components includes configuration of the at least one processor to one of: identify as the set of discarded CSI feedback components the $PMI_{p,wb}$, a subband amplitude PMI ($PMI_{p,sb}$), and a phase PMI (PMI_c) for each polarization and each layer of each beam of a plurality of available beams greater than an identified beam corresponding to the component value of the PMI_b; or identify as the set of discarded CSI feedback components a dominant beam indication PMI (PMI_d), the $PMI_{p,wb}$, the $PMI_{p,sb}$, and the PMI_c for each of the plurality of available beams.

53. The apparatus of claim 51, wherein the at least one processor is further configured to identify the set of discarded CSI feedback components based on the component value of the PMI component of the second plurality of CSI feedback components, wherein the configuration of the at least one processor to identify the set of discarded CSI feedback parameters includes configuration to identify as the set of discarded CSI feedback components a subband amplitude PMI ($PMI_{p,sb}$), and a phase PMI (PMI_c) for each polarization and each layer of an identified beam corresponding to the component value of the $PMI_{p,wb}$.

54. The apparatus of claim 51, further including configuration of the at least one processor to select, by the UE, the PMI component as one of: the PMI_b, or the $PMI_{p,wb}$, wherein the configuration of the at least one processor to select is determined according to one of: a predetermined configuration; a trigger signal to enable the selected PMI component; or a modification signal to disable a current PMI component and to enable the selected PMI component.

55. The apparatus of claim 51, wherein the configuration of the at least one processor to generate the adjusted CSI report includes configuration to generate a set of adjusted CSI components, wherein the set of adjusted CSI components includes one of: the second plurality of CSI feedback components without the set of discarded CSI feedback components; or the second plurality of CSI feedback components in which the set of discarded CSI feedback components are replaced with a fixed component value associated with the set of discarded CSI feedback components.

56. The apparatus of claim 55, wherein the configuration of the at least one processor to generate the adjusted CSI report further includes configuration to jointly encode the set of adjusted CSI components into one of: a single packet, two packets, or three packets.

57. The apparatus of claim 56, wherein the set of adjusted CSI components are generated without the set of discarded CSI feedback components when the set of adjusted CSI components are determined based on decoding one or more of the second plurality of CSI feedback components, and wherein the set of adjusted CSI components include the fixed component value when the set of adjusted CSI components are not determined based on the decoding.

58. The apparatus of claim 56, wherein the set of adjusted CSI components include the fixed component value when the set of CSI components are jointly encoded into the single packet.

59. The apparatus of claim 56, wherein the set of CSI components are jointly encoded into the two packets with a rank indicator and the PMI_b jointly encoded into a first packet and a dominant beam PMI (PMI_d), the $PMI_{p,wb}$, an amplitude subband PMI ($PMI_{p,sb}$), a phase PMI (PMI_c) jointly encoded in a second packet, and wherein one of: the set of adjusted CSI components include the fixed component value when the PMI component corresponds to the $PMI_{p,wb}$; or the set of adjusted CSI components are generated without the set of discarded CSI feedback components when the PMI component corresponds to the PMI_b.

60. The apparatus of claim 56, wherein the set of CSI components are jointly encoded into the two packets with a rank indicator, the PMI_b, a dominant beam PMI (PMI_d), and the $PMI_{p,wb}$ jointly encoded into a first packet and an amplitude subband PMI ($PMI_{p,sb}$), and a phase PMI (PMI_c) jointly encoded in a second packet, and wherein the rank indicator, the PMI_b, the PMI_d, and the $PMI_{p,wb}$ are jointly encoded in the first packet without the set of discarded CSI feedback components when the PMI component corresponds to the PMI_b and the $PMI_{p,sb}$ and the PMI_c are jointly encoded in the second packet without the set of discarded CSI feedback components when the PMI component corresponds to one of: the $PMI_{p,wb}$ or the PMI_b.

61. The apparatus of claim 56, wherein the set of CSI components are jointly encoded into the three packets with a rank indicator and the PMI_b jointly encoded into a first packet, a dominant beam PMI (PMI_d) and the $PMI_{p,wb}$ jointly encoded into a second packet, and an amplitude subband PMI ($PMI_{p,sb}$) and a phase PMI (PMI_c) jointly encoded in a third packet, and wherein the PMI_d and the $PMI_{p,wb}$ are jointly encoded in the second packet without the set of discarded CSI feedback components and the $PMI_{p,sb}$ and the PMI_c are jointly encoded in the third packet without the set of discarded CSI feedback components when the PMI component corresponds to one of: the $PMI_{p,wb}$ or the PMI_b.

62. The apparatus of claim 56, wherein the set of CSI components are jointly encoded into the three packets with a rank indicator encoded into a first packet, the PMI_b, a dominant beam PMI (PMI_d), and the $PMI_{p,wb}$ jointly encoded into a second packet, and an amplitude subband PMI ($PMI_{p,sb}$) and a phase PMI (PMI_c) jointly encoded in a third packet, and wherein, when the PMI component corresponds to one of: the $PMI_{p,wb}$ or the PMI_b, the rank indicator is encoded in the first packet and the PMI_b, the PMI_d, and the $PMI_{p,wb}$ are jointly encoded in the second packet are replaced with a fixed component value, and the $PMI_{p,sb}$ and the PMI_c are jointly encoded in the third packet without the set of discarded CSI feedback components.

63. The apparatus of claim 56, wherein the set of adjusted CSI components includes a CSI reference signal (CSI-RS) resource indicator (CRI), and wherein the CRI is jointly encoded in a first packet of the one of: the single packet, the two packets, or the three packets.

64. The apparatus of claim 56, wherein the set of adjusted CSI components includes a channel quality indicator (CQI), and wherein the CQI is jointly encoded into one of a first packet or a last packet of the one of: the single packet, the two packets, or the three packets.

65. The apparatus of claim 50, wherein the second plurality of CSI feedback components includes: rank indicator; a beam indication precoding matrix indicator (PMI_b); a dominant beam indication PMI (PMI_d); a wideband amplitude precoding matrix indicator ($PMI_{p,wb}$); a

subband amplitude PMI ($PMI_{p,sb}$); a phase PMI (PMIS) for each polarization; a channel quality indicator (CQI); or a combination thereof.

66. The apparatus of claim 50, where the at least one processor is further configured to: determine the second plurality of CSI feedback components; and identify the set of discarded CSI feedback components of the second plurality of CSI feedback components based on the component value of the PMI component of the second plurality of CSI feedback components.